

# Research in Action Podcast Instructor Guide

Use the following episode description, learning objectives, guiding questions and activity suggestions to more easily include “Research in Action” podcast episodes as a supplemental resource for your course.

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Wendy Laura Belcher, an associate professor of African literature at Princeton University with a joint appointment in the Department of Comparative Literature and the Department of African American Studies. Wendy is also the author of the best-seller *Writing Your Journal Article in Twelve Weeks: A Guide to Academic Publishing Success*.

*Segment One* [00:00-9:42] - In this segment, Wendy talks about the origin of her book *Writing Your Journal Article in Twelve Weeks: A Guide to Academic Publishing Success* and shares her thoughts on why academics don't talk about writing and publication.

*Segment Two* [9:43-19:44] - In this segment, Wendy shares some of the tips and tricks for productive writing that have worked for her or that she has seen work for others.

*Segment Three* [19:45-29:49] - In this segment, Wendy describes her research on Africa and talks about some of her current projects. She also shares when the second edition of *Writing Your Journal Article in Twelve Weeks: A Guide to Academic Publishing Success* will be available.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e1/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Cite resources for academic writing and revision
- Describe examples of common challenges in academic writing
- Discuss ways to incorporate reading in relation to writing
- Identify strategies for productive writing
- List resources for accessing research articles and information

## Guiding Questions for Listening

- What does Wendy Belcher say she finds surprising regarding the range of audiences that appear to be reading her book *Writing Your Journal Article in Twelve Weeks*?
- What example preceded the comment, “that’s the promise of revision”?
- What challenges and experiences were part of what led Wendy Belcher to write her book *Writing Your Journal Article in Twelve Weeks*?
- According to Wendy Belcher, what two things can be part of “what makes it tough for people to finish things”?
- What is Ulrich’s Database?
- What does Wendy Belcher say about the “idea of making writing social”?
- What are some of the suggestions mentioned for productive writing? Out of these suggestions, do you think any of them might be beneficial to you?
- What are some of the resources mentioned for accessing articles and information? Are any of these new to you?
- Where did Wendy Belcher grow up and how did it lead to some of her projects?

## Possible Activities

- Have students listen to the episode as a supplement to reading one of Wendy's books. Have a large group discussion online or in class to see if hearing Wendy speak about her work changed how they approached the reading.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e1/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e1/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they Dr. Wendy Belcher if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, April 11). *Dr. Wendy Belcher on Writing Productivity* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e1/>

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## Notes

# Dr. John Creswell on Mixed Methods [28:02]

## Research in Action – Episode 2

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. John Creswell, Currently the co-director of the Michigan Mixed Methods Research and Scholarship Program at the University of Michigan and an adjunct professor of family medicine. Previously, John was a Professor of Educational Psychology at the University of Nebraska-Lincoln where he taught and researched for 37 years. John has authored numerous articles and books on mixed methods research, qualitative methodology, and general research design. For several years, he served as a co-director at the Office of Qualitative and Mixed Methods Research at the University of Nebraska. He is also the founding co-editor for the Journal of Mixed Methods Research. Recently he served as a co-leader of a national working group developing guidelines for mixed methods of research for NIH.

*Segment One* [00:00-8:53] - In this segment, John defines mixed methods and talks about how mixed methods have become more popular over time.

*Segment Two* [8:54-14:34] - In this segment, John Talks about how he counsels beginning researchers through his teachings.

*Segment Three* [14:35-28:02] In this segment, John shares how he started writing about research methods and how he juggles updating books that are now in multiple editions.

*Bonus Clip # 1* [0:00-2:30]: International Approaches to Mixed Methods and the Mix Methods International Research Association (MMIRA)

*Bonus clip # 2* [0:00-2:49]: Mixed Methods in the Health Sciences

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e2/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Define mixed methods
- Describe some of the critiques of mixed methods
- List some of the challenges of conducting research using mixed methods
- Articulate some of the cultural and disciplinary components that can impact research with mixed methods
- Describe some examples of mixed methods research

### Guiding Questions for Listening

- According to John Creswell, how long has it taken to come up with a common definition for mixed methods?
- How does John Creswell define mixed methods?
- Why have mixed methods been critiqued
- What are some of the challenges of conducting research studies using mixed methods?
- Why do you think it is important to learn about concepts like mixed methods with hands-on approaches like those that are described in the episode?
- What are some of the components to think of when approaching mixed methods from different cultural contexts? (see also, bonus clip # 1)
- What are some of the components to think of when approaching mixed methods from different disciplinary contexts? (see also, bonus clip # 2)
- How did John Creswell develop an interest in mixed methods?
- What are some tips that John Creswell offers for productive writing and revision? Do you agree with his strategies? Have any of these tips worked for you?

## Possible Activities

- Have students listen to the episodes or one of the bonus clips as a supplement to reading they are completing from one of John Creswell speak about how his work changed how they approached the reading.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e2/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e2/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they Dr. John Creswell if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, April 11). *Dr. John Creswell on Mixed Methods* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e2/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Lena Etuk, a Social Demographer at the Oregon State University Extension Service. Lena has a Masters of Science in Sociology from the University of Wisconsin-Madison, with a specialty in social stratification and demography. Since joining the OSU Extension Service, she has worked to increase Oregonians’ access to social scientific information that can help them and their communities realize positive change. She works with community members, non-profits, government, public agencies, and Extension Service faculty to create, recognize, and capitalize on opportunities for data-driven decision making.

*Segment One* [00:00-9:55] - In this segment, Lena defines demography and social demography and offers some examples of the issues that social demographers are concerned with that effect population change. Lena also describes the work of applied social demography.

*Segment Two* [9:56-20:25] - In this segment, Lena describes some of the skills and methods of social demographers and how social demographers specialize.

*Segment Three* [20:26-30:51] - In this segment, Lena and the host discuss definitions of data and whether anecdote can be considered as data.

*Bonus Clip # 1* [00:00-2:49]: Pathways to Becoming a Social Demographer

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e3/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Define social demography
- List examples of the types of data collected by social demographers
- Name methods and tools commonly utilized by social demographers to collect and analyze data
- Cite resources for examples of visualized data
- Give examples of topics studied by social demographers
- Define data-driven decision making
- Identify challenges with the process of making data-driven decisions

### Guiding Questions for Listening

- What are the differences between demography, social demography, and applied social demography?
- What is secondary data and how can it be utilized by a social demographer?
- What are some methods social demographers employ to collect data?
- What are some ways social demographers might partner with researchers?
- What is visualized data and what are some ways it is presented?
- How is a data-driven decision made?
- What are some potential challenges in data-driven decision making?
- According to Lena Etuk, what is the danger in being “wed to our anecdotes” with regard to observations?
- In what ways do you think the study of social demography is important?
- How did Lena Etuk decide to become a social demographer? (see also, bonus clip)

## Possible Activities

- Have students find an academic article that uses social demography data to make a claim. Students can share the articles they find in an in-class presentation or through an online discussion board.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e3/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e3/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they Lena Etuk if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, April 18) *Lena Etuk on Social Demography @ Data-Driven Decision Making* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e3/>

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## Notes

# Dr. Katie Linder on Juggling Multiple Projects [31:44]

## Research in Action - Episode 4

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest, Dr. Katie Linder, Director of Research for Extended Campus at Oregon State University, shares some of the organizational strategies for juggling multiple research projects that she’s developed over her time as a researcher.

*Segment One* [00:00-10:14] - In this segment, Katie talks about several strategies for writing down or logging projects so that you aren’t taking up mental energy by keeping them all in your head. More specifically, she talks about white board use, conducting a project audit, and her calendaring strategies.

*Segment Two* [10:15-18:51] - In this segment, Katie shares several strategies for sharing and delegating research tasks, which can also serve to help keep you accountable when working on multiple projects simultaneously.

*Segment Three* [18:52-31:44] - In this segment, Katie discusses some strategies for organizing multiple projects and shares some digital resources that she’s found to be helpful.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e4/>

### Learning Outcomes

By listening to this episode, students will be able to:

- List organizational strategies for managing multiple priorities
- Identify calendaring methods for tracking projects and deadlines
- Describe ways a calendaring system can be used to build a project timeline
- Discuss techniques for delegation of tasks and collaboration within projects
- Name project management software resources
- Discuss methods for digital organization and versioning
- Cite resources for reference management and notetaking software
- Identify approaches to physical and digital file retention

### Guiding Questions for Listening

- What is the first strategy mentioned as a way to create a comprehensive list of next steps and actions items?
- What strategy does Katie recommend when projects become backed up?
- According to Katie, in what ways can a calendaring system help you track the duration of projects and build timelines?
- How might it be beneficial to “block out” time right up to the deadline of a project?
- Why is it important to set aside time to effectively delegate a task to another individual?
- What are some benefits of utilizing project management software
- Based on Katie’s recommendations, how could you begin or improve upon your current system of digital organization
- What is a versioning system?



- What challenges might arise when creating a digital organization system for yourself?

## Possible Activities

- Lead students in a discussion (in-class or online) of the main topics from the episode and have them reflect on which of the strategies detailed in this episode might be most beneficial to their project management as students.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e4/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e4/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they Dr. Katie Linder if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, April 25). *Dr. Katie Linder on Juggling Multiple Projects* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e4/>

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## Notes

# Dr. Jim Kroll on Research Misconduct [32:29]

## Research in Action - Episode 5

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest Dr. Jim Kroll, the Director of Research Integrity and Administrative Investigations for the National Science Foundation’s Office of the Inspector General, where he has worked since 2001. In this role, Jim is primarily responsible for leading the investigation and resolution of all allegations that, if substantiated, would result in administrative action rather than civil or criminal prosecution. These include such things as allegations of research misconduct under NSF proposals and awards; certain types of employee misconduct; and violations of NSF regulations, policy or directives. Prior to working for the OIG, Jim served 21 years as a meteorological officer with the U.S. Air Force. Jim completed his undergraduate studies at Rutgers University where he received his B.S. in Meteorology. He later attended North Carolina State University where he received his M.S. and his Ph.D. in Atmospheric Sciences.

*Segment One* [00:00-9:47] - In this segment, Jim and the host talk about what the Office of the Inspector General is and the role that Jim plays in that office.

*Segment Two* [9:48-21:23] - In this segment, Jim and the host talk about the general procedure when the OIG is made aware of potential research misconduct. Jim shares some of the sources of allegations and offers some examples of cases he has worked on.

*Segment Three* [21:24-32:29] - In this segment, Jim and the host discuss Responsible Conduct of Research (RCR) training requirements from NSF and Jim’s recommendation for the training of new researchers..

*Bonus Clip # 1: [00:00-6:11]:* Examples of Research Misconduct cases

Show notes and a transcript for this episode can be

found at:

<http://ecampus.oregonstate.edu/research/podcast/e5/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Define research misconduct
- Discuss examples of research misconduct
- State some of the main functions in the Office of the Inspector General at the National Science Foundation
- Describe the initial process of a research misconduct allegation once it reaches the Office of the Inspector General at the National Science Foundation
- Explain the steps involved in administrative action
- Define Responsible Conduct of Research (RCR)
- Describe some of the challenges in implementing RCR training
- Discuss the role of a research mentor with regard to RCR

### Guiding Questions for Listening

- What is the Office of the Inspector General at the National Science Foundation and what are its main functions?
- When the NSF OIG researches an allegation, what are some of the initial steps of this process?
- According to Jim Kroll, what appear to be some of the more recent trends of research misconduct cases with NSF?
- Where does Jim Kroll say a larger number of allegations seem to come from and why does he think research misconduct cases appear to be on the rise?
- How do research misconduct cases reach the OIG at

the NSF?

- What are some of the challenges with the investigation of data fabrication cases?
- What steps are taken if a case results in administrative action with the NSF?
- What is Responsible Conduct of Research (RCR) and why is it important?
- What appear to be some potential limitations with RCR and CITI training?
- How might a research mentor benefit a student's understanding of RCR?
- What is an example of a fraud case in research misconduct? (see also, bonus clip)

## Possible Activities

- Have students visit the NSF OIG website and explore the resources offered here: <http://www.nsf.gov/oig/>
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e5/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e5/>) and post an additional resource connected to the content of the episode in the comments section.
- Give students a reading about a recent case of research misconduct from *The Chronicle of Higher Education* or *Inside Higher Education*. Have them describe the case and discuss (either in-class or online) how the misconduct could have been prevented based on what they learned from Jim Kroll in this episode.
- Have students share questions that are raised for them based on the content of this episode. What would they Dr. Jim Kroll if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, May 2). *Dr. Jim Kroll on Research Misconduct* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e5/>

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## Notes

# Kirsten Behling on Research Collaboration [35:00]

## Research in Action - Episode 6

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Kirsten Behling, the Director of the Office of Disability Services (ODS) at Suffolk University. Prior to joining Suffolk, Kirsten worked for the University Centers of Excellence on Disability at both the University of Massachusetts Boston and the University of New Hampshire. At both institutions Kirsten wrote and directed projects funded by the Office of Postsecondary Education in the U.S. Department of Education on inclusive practices for students with disabilities in postsecondary education. Kirsten is currently leading a team of disability service professionals in partnership with the University of Connecticut in the development of an online certificate course for Disability Services in Higher Education. Kirsten also speaks nationally on the topics of universal design in higher education, strategies for effectively educating faculty on working with students with disabilities and accessibility online learning. She also serves as the president of the New England Association of Higher Education and Disability Services (AHEAD).

(After this episode was recorded, Kirsten accepted a new position at Tufts University as the Director of Student Accessibility Services.)

*Segment One* [00:00-11:55] - In this segment, Kirsten and the host talk about their collaborative work and some of the benefits they have found from research and writing collaborations.

*Segment Two* [11:56-23:40] - In this segment, Kirsten and the host share some experiences with collaborations that have not gone as well as they would have liked and offer strategies to respond to challenging situations.

*Segment Three* [23:41-35:00] - In this segment, Kirsten and the host share some of the components they look for to set up a strong collaboration from the

start.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e6/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe collaboration within the context of research
- Illustrate some examples of collaboration
- Contrast some of the benefits and challenges within a collaboration
- Discuss strategies to address challenges within collaborations
- Identify attributes that may be beneficial in a fellow collaborator and to a fellow collaborator
- Discuss approaches to building a successful collaboration from the beginning

### Guiding Questions for Listening

- What is collaboration and what is an example of it?
- What are some benefits in collaborating with others?
- How does accountability play a part in collaboration?
- According to Kirsten Behling, what is one of the most important things to remember when collaborating with others?
- What are some potential challenges collaborating with others?
- What are some ways Katie and Kirsten suggest to address challenges within a collaboration?
- How can open communication contribute to the success of a collaboration and what might be an example of it?
- According to Kirsten Behling, what are some of the “risks” to consider in collaboration?
- How might a designated facilitator be beneficial to a team of collaborators?
- After hearing the segment about setting up a successful collaboration from the beginning, what approaches do you think would work for you?
- What are some characteristics that you think would be beneficial in a fellow collaborator?

## Possible Activities

- Have students think about one of their past experiences with collaboration. What worked well? What didn't work well? Based on what they learned in this episode, what might they have done differently?
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e6/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e6/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode or the content of the episode's bonus clips. What would they ask Kirsten Behling if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, May 9). *Kirsten Behling on Research Collaboration* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e6/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Joshua Weller, an assistant professor of psychology at Oregon State University. Dr. Weller received his Ph.D. in Psychology from the University of Iowa. His research broadly focuses on how affective and cognitive processes contribute to decision-making and risk perceptions and, more particularly, on the development of psychological scales to quantify individual differences in risk taking tendencies and decision-making competence. His research has been funded by the National Science Foundation, the American Automobile Association Foundation, and the National Institute of Drug Abuse. Dr. Weller teaches courses on Judgment and Decision Making, Personality, and Psychometrics.

*Segment One* [00:00-15:28] - In this segment, Josh describes the components of psychometrics (the scientific study of the attributes of tests) and offers some examples of how psychometrics are used in research and instrument design.

*Segment Two* [15:29-35:49] - In this segment, Josh shares more about his research in risk-taking and how psychometrics have contributed to this research.

*Bonus Clip # 1* [00:00-11:34]: Statistics and Fantasy Baseball

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e7/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Define psychometrics
- Describe ways tests are measured for reliability and validity
- Illustrate examples of construct validity
- Identify some challenges in measuring construct validity
- Discuss considerations for constructing tests
- Give examples of causation versus correlation
- Discuss considerations for building valid test measurements/instruments
- Cite resources for learning about psychometrics and statistics

### Guiding Questions for Listening

- What is psychometrics?
- What is the concept of reliability and what are some ways it is measured?
- How is reliability different from validity?
- What are some examples of construct validity?
- What are some of the challenges in labeling constructs?
- When constructing and administering a test, what are some important considerations regarding audience?
- What is correlation and causation with regard to psychometrics?
- How is theory involved in building valid instruments or measurements?
- According to Josh Weller, what are some considerations to keep in mind when building valid instruments or measurements?
- What are some of the “basics” Josh recommends for learning about psychometrics?
- What is rotisserie baseball? (see also, Bonus Clip)
- What is a sabermetrician? (see also, Bonus Clip)



## Possible Activities

- Assign students an article discussing the validation process for an instrument or measurement and ask them to apply what they learned in the episode to a discussion of the article.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e7/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e7/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode or the content of the episode's bonus clips. What would they ask Josh Weller if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, May 16). *Dr. Josh Weller on Psychometrics* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e7/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Nina Huntemann, director of academics and research at edX. In this role, Dr. Huntemann is leading cross-institution faculty initiatives, developing curriculum strategies and providing pedagogical expertise, managing educational policy projects, and facilitating research across edX university partners. Dr. Huntemann has over 15 years of college-level teaching, program administration, and faculty development experience. She is also a digital media studies scholar and co-director of Women in Games Boston, a professional network for women working in the digital games industry. Dr. Huntemann received her Ph.D. in communication at the University of Massachusetts Amherst.

*Segment One* [00:00-9:49] - In this segment, Nina and the host talk about edX and Nina’s role as director of academics and research.

*Segment Two* [9:50-20:18] - In this segment, Nina and the host talk about the new skills she’s learning in her position and some of her strategies for learning new skills at mid-career.

*Segment Three* [20:19-32:44] - In this segment, Nina shares some more details about the kinds of projects she’s working on at edX and some of her strategies for being productive when she’s on the road including scheduling “download time” before her trips.

*Bonus Clip # 1* [00:00-5:45]: Women in Games Boston

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e8/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe edX
- Define MOOC
- Discuss examples of clickstream data and how it might be used in research
- Identify approaches to learning new career skills
- Explain “mindset intervention” and provide an example of it
- Discuss some challenges in and approaches to working while traveling

### Guiding Questions for Listening

- What is edX?
- What is a MOOC?
- What is clickstream data and what are some examples of it?
- Based on some of the examples Nina Huntemann provides, how can the collection of clickstream data benefit a learning environment?
- According to Nina Huntemann, what is one of the most significant differences in her role now and what steps has she taken to adjust to it?
- What are some approaches Nina takes in order to learn new skills? What approaches do you think might work for you?
- When Nina Huntemann says to “admit what you don’t know,” what does she mean and how has she found that statement to be beneficial?
- What is a “mindset intervention” and what is an example of it?
- What are some strategies Nina utilizes in order to accomplish work while traveling?
- What is Women in Games Boston? (see bonus clip)
- How did Nina become involved with Women in Games Boston and why did she decide to remain involved with it? (see bonus clip)

## Possible Activities

- Have students journal about a time when they had to learn a new skill. How did they go about it? What was most helpful to them? How did they rely on previous knowledge to learn something new?
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e8/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e8/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode or the content of the episode's bonus clips. What would they ask Nina Huntemann if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, May 23). *Dr. Nina Huntemann on Learning New Research Skills at Mid-Career* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e8/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Kevin Gannon, a Professor of History and the Director of the Center for Excellence in Teaching and Learning at Grand View University in Des Moines, Iowa. Dr. Gannon is a nineteenth-century historian with research interests in historiography and theory. He regularly teaches Civil War and Reconstruction; Colonial America and the Atlantic World; Latin American history; Research Methods and Historiography; and the History of Capitalism. Dr. Gannon is a self-proclaimed fierce advocate for professional development, active learning, scholarly teaching, and good technology.

*Segment One* [00:00-10:35] - In this segment, Kevin and the host talk about some the reasons why juggling academic roles can be challenging and how to make connections between teaching and research.

*Segment Two* [10:36-22:08] - In this segment, Kevin and the host discuss writing every day and some of Kevin’s tips and suggestions for writing and research productivity.

*Segment Three* [22:09-34:42] - In this segment, Kevin shares about his experiences as a textbook author and the lessons he’s learned about writing in this genre.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e9/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Define historiography
- Give examples of historiography
- Cite resources for productive writing
- Identify approaches to managing time and workloads
- Discuss application of productivity strategies and examples of realistic expectations
- Describe some challenges and considerations in textbook authorship
- List resources for authoring textbooks

### Guiding Questions for Listening

- What is historiography?
- What are some examples of historiography?
- What are some of Kevin Gannon’s approaches to time management and what metaphor does he use to illustrate this approach?
- What is the Boyer model?
- What are some of the strategies mentioned for juggling multiple projects at once? How might some of these approaches work for you?
- Why does Kevin Gannon say that it is important for him to write every day and what are some of the ways he does this?
- What are some of the strategies described to manage email?
- What does Kevin Gannon say is the single most important move he’s made professionally in the last several years?
- What advice does Kevin Gannon offer in identifying a productivity strategy that will work for you?
- What appear to be some of the challenges involved in writing textbooks?

## Possible Activities

- Have students brainstorm some of the productivity strategies that work best for them when they have a paper or project to complete. How do they motivate themselves to get the work done? Lead a discussion online or in-class so that students can share their ideas with you and their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e9/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e9/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode or the content of the episode's bonus clips. What would they ask Kevin Gannon if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, May 30). *Dr. Kevin Gannon on Balancing Research, Teaching & Service* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e9/>

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## Notes

# Dr. Dannelle Stevens on Journaling Best Practices [32:35]

## Research in Action - Episode 10

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Dannelle Stevens, a professor in the Curriculum and Instruction Department at Portland State University. Dr. Stevens has written several books including *Tenure in the sacred grove: Issues and strategies for women and minorities* from Suny Press and co-edited with Joanne Cooper, *Introduction to rubrics* from Stylus Press and co-authored with Antonia Levi, and *Journal-keeping: How to use reflective writing for teaching, learning, professional insight and personal change* from Stylus Press also co-authored with Joanne Cooper. Dr. Stevens earned her doctorate in educational psychology from Michigan State University. Before her work in higher education, she also previously taught middle school and high school social studies, language arts, and special education for 14 years across four school districts and three states.

*Segment One* [00:00-11:29] - In this segment, Dannelle and the host talk about the different benefits of journaling for researchers including organizing reflections and notes and “mining” ideas for future projects.

*Segment Two* [11:30-17:55] – In this segment, Dannelle and the host discuss some journaling logistics such as indexing practices for journaling, whether journaling needs to be done regularly, and some ways to start journaling if you are a beginner.

*Segment Three* [17:56-32:35] - In this segment, Dannelle and the host share some of the ways that they use their journals in ways that are directly related to their research and whether digital journaling can have the same benefits as hard-written reflection.

*Bonus Clip # 1* [00:00-8:41]: Choosing the Right Journal and Dialogic Journaling.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e10/>

### Learning Outcomes

By listening to this episode, students will be able to:

- List resources for journal keeping practices and journal products
- Discuss the purposes of journal keeping
- Identify potential benefits of journaling
- List strategies for journal keeping during research
- Review methods for organizing the contents of a journal
- Discuss comparisons between hand-written and digital journal keeping
- Cite resources for digital note keeping and reference management systems

### Guiding Questions for Listening

- How does Dannelle Stevens describe reflection as a part of journaling?
- What are some purposes and potential benefits of journal keeping?
- What are some of the strategies mentioned for journaling during research-related work?
- How can journaling be utilized as a way to organize projects and notes?
- What are some of the suggestions mentioned for organizing the contents of a journal?
- According to Dannelle Stevens, what are some of the challenges today with the ability to “get into so much literature so quickly”? What suggestions does Dannelle offer as a way to approach these challenges?
- Based on the discussion about digital and hand-written journals, which approach do you think would work best for you?
- What are some suggested considerations for choosing a journal that will work for you? (see also, Bonus Clip)

- How can a journal become a dialogic journal? (see also, Bonus Clip)

## Possible Activities

- Have your students keep a journal to log their experiences with a class assignment or project. Encourage students to handwrite some prompts, and type others. Lead a discussion online or in-class about what differences they notice from the two different mediums of journaling and what they learned through their reflections.
- Assign students to develop journaling prompts for your course and then distribute them throughout the term for you and your students to respond to. Take note of the kinds of questions and prompts that are most interesting to your students.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e10/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e10/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode or the content of the episode's bonus clips. What would they ask Dannelle Stevens if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, June 6). *Dr. Dannelle Stevens on Journaling Bet Practices* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e10/>

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## Notes



# Steve Van Tuyl on Data Management [33:50]

## Research in Action - Episode 11

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Steve Van Tuyl, the Digital Repository Librarian at Oregon State University, where he manages the university’s institutional repository, ScholarsArchive@OSU, and participates in providing research data services to students and faculty. Prior to his work at OSU, Steve was a Data Services Librarian at Carnegie Mellon University and a Reference Librarian at the University of Pittsburgh. In a previous life, Steve was a Biologist with the USDA Forest Service, conducting research on disturbance impacts on forest carbon cycling.

Segment One [00:00-11:06] - In this segment, Steve and the host talk about the components of data management and some best practices for data storage.

Segment Two [11:07-22:01] - In this segment, Steve and the host discuss requirements and best practices for writing data management plans.

Segment Three [22:02-33:50] - In this segment, Steve shares some of his thoughts on the “open science” movement.

Bonus Clip # 1 [00:00-3:39]: Why you should expand your 2-page data management plan.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e11/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe data management and metadata
- Give examples of data management
- Discuss recommendations for effective data management
- List examples of metadata
- Review suggested elements to include in data management plans
- Cite resources for data management planning and best practices
- Explain and provide examples of open science
- Discuss recommendations for operationalizing data management plans

### Guiding Questions for Listening

- What is data management and what does it typically involve?
- What does data management not involve?
- What are some of the recommendations mentioned for effective data management?
- What is metadata and what are some examples of it?
- What appears to be some of the motivation behind the changing requirements for data management plans?
- According to Steve Van Tuyl, what are some of the major elements to include in a data management plan?
- What type of information can digital object identifiers (DOIs) track with regard to datasets and how can this be beneficial to items published through open science?
- What are some of the recommendations discussed for creating a data management plan and how can it be operationalized? (see also, bonus clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e11/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e11/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode or the content of the episode's bonus clips. What would they ask Steve Van Tuyl if they could?
- Have students create a draft data management plan for a real or imagined research project using the resources discussed in the episode.

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, June 13). *Steve Van Tuyl on Data Management* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e11/>

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## Notes

# Dr. Katie Linder on Creating a Five-year Research Plan [28:07]

## Research in Action - Episode 12

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, Dr. Katie Linder, Director of Research for Extended Campus at Oregon State University, talks about strategies for successfully drafting and implementing a five-year plan for your research and writing.

Segment One [00:00-9:58] - In this segment, Katie talks about the challenges of drafting a five-year plan and offers suggestions for how to brainstorm what you might want to include for both your personal and your professional development.

Segment Two [9:59-19:38] - In this segment, Katie discusses how to create SMART (specific, measurable, attainable, relevant, and time-bound) action items associated with the goals in your five-year plan and offers an example of one of her own goals broken down.

Segment Three [19:39-28:07] - In this segment, Katie shares some strategies for how to implement your five-year plan once it's drafted, how often to check-in, and when to make revisions.

Show notes and a transcript for this episode can be found at:  
<http://ecampus.oregonstate.edu/research/podcast/episode-12/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe the purpose of a five-year plan
- Cite resources for drafting a five-year plan
- Review an example of a five-year plan
- List examples of categories to include in a five-year plan
- Discuss methods for identifying action items within goals
- Identify strategies for implementing and tracking goals
- Review suggestions for assessing and revising goals
- Draft a five-year plan
- collaboration from the beginning

### Guiding Questions for Listening

- What is a five-year plan and what is its purpose?
- What does Katie Linder say is one of the best ways to ensure that your goals are accomplished and why is flexibility important?
- What are some challenges and considerations when it comes to thinking four to five years ahead?
- What are some of the suggested categories to include in your five-year plan?
- What are some other categories, if any, that you might include if you started creating your own five-year plan?
- If you're having trouble creating a list, what is suggested as a way to “forecast a reasonable amount of change in the next five years”?
- What is the SMART method?
- How can goals be broken down into actionable items?
- Why is it important to “check-in” with your goals on a regular basis?
- What are some ways you currently set goals and is there anything you might do differently as a result of this episode?

## Possible Activities

- Have students draft a five-year plan for the research or professional aspirations and share it with you and their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e12/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e12/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode or the content of the episode's bonus clips. What would they ask Katie Linder if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, June 20). *Dr. Katie Linder on Creating a Five-year Research Plan* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e12/>

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## Notes

# Brad Zdenek on Institutional Research Agendas [34:19]

## Research in Action - Episode 13

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Brad Zdenek, the Innovation Strategist for the Center for Online Innovation in Learning at Penn State University, where he is responsible for initiating, directing, conducting, analyzing and reporting on the Center’s projects, research, and evaluation activities. Brad earned his B.A. in Secondary Education at Flagler College in Florida and taught middle school Social Studies in North Carolina prior to joining Penn State. While at Penn State, Brad worked with the Regional Educational Laboratory program leading a team in developing and delivering professional development opportunities throughout the Mid-Atlantic region focused on bridging scientifically valid research, policy, and practice. Brad is currently a Ph.D. candidate in Educational Leadership at Penn State. His research interests include professional development and adult learning, educational ethics, and the integration and diffusion of educational technology.

Segment One [00:00-11:07] - In this segment, Brad shares about his work at the Center for Online Innovation in Learning (COIL) and some of the research and development projects funded by COIL.

Segment Two [21:46-34:19] - In this segment, Brad and the host discuss creating research agendas tied to institutional mission, the benefits and challenges of institutional research agendas, and how this research differs from individual research agendas.

Segment Three [19:45-29:49] - In this segment, Brad shares his thoughts on the disconnect between research needs and capacity for research in higher education and shares his ideas for making better research connections across disciplines, units, and institutions.

Bonus Clip #1 [00:00-4:28]: Collaborations between COIL and External Partners

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e13/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Review some examples of the connection between learning and online innovation at an educational institution
- Give an example of a project as it relates to the connection of research and innovation
- Discuss an example of research agenda development within higher education
- Discuss some approaches to addressing challenges within collaborations
- Provide an example of needs versus capacity for research in higher education
- Explain ways to facilitate connections as it relates to needs versus capacity for research in higher education

### Guiding Questions for Listening

- According to Brad Zdenek, what is COIL’s purpose at the institution where he works and how is research involved?
- What was COIL’s role in the example given regarding the digital badging platform project?
- In Brad Zdenek’s work within COIL, what are some of the initial steps that go into building their research agendas?
- What does Brad Zdenek say “has really helped us in building a larger family and building a larger collaborative network and acceptance”?
- What appear to be some of the challenges involved with choosing research priorities?
- What are some of the suggested approaches to addressing these challenges?
- According to Brad Zdenek, what does he think is one of the reasons there are challenges within collaborations?
- What “common issue” and idea came out of out of Brad Zdenek’s work with the STEM scout project?
- According to Brad Zdenek, what are some challenges in systematizing as it relates to research collaboration and external outreach? (see also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e13/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e13/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students explore whether your institution has units or departments with a published “agenda” for research. If not, ask students to brainstorm what that research agenda might be.
- Have students share questions that are raised for them based on the content of this episode or the content of the episode’s bonus clips. What would they ask Brad Zdenek if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, June 27). *Brad Zdenek on Institutional Research Agendas* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e13/>

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## Notes

# Chrysanthemum Mattison Hayes on Being a Data Analyst [26:13]

## Research in Action - Episode 14

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest Chrysanthemum Mattison Hayes, an experienced policy and data analyst and aspiring “[researcher-storyteller](#)” working in higher education. Her experience with student success research and assessment includes work within and across the divisions of Student Affairs, Academic Affairs, and Undergraduate Studies at Oregon State University. In her current role, she works with university leadership on division-wide projects, undergraduate success initiatives, and metrics that align with strategic plans and the institutional vision for equalizing student success.

*Segment One* [00:00-12:39] - In this segment, Chrysanthemum describes what data analysts do in higher education and how the range of ways that data analysts are trained.

*Segment Two* [12:40-26:13] - In this segment, Chrysanthemum shares how she came to be a data analyst working with student success initiatives, describes some of the metrics used to measure student success, and defines and gives examples of leading versus lagging metrics.

*Bonus Clip #1* [00:00-12:02]: The Post-specialist Era

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e14/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe the role of a data analyst
- Discuss examples of a data analyst’s role within higher education
- Identify challenges involved with effective data presentation
- List examples of areas in which a data analyst may be trained
- Describe examples of “leading metrics” and “lagging metrics”
- Discuss considerations involved in the collection of student data
- Cite resources for data presentation software and data presentation instruction

### Guiding Questions for Listening

- What does a data analyst do?
- According to Chrysanthemum Mattison Hayes, what appears to be growing in popularity with regard to the placement of data analysts within higher education?
- What are some of the various areas in which a data analyst could be trained?
- According to Chrysanthemum Mattison Hayes, what part of presenting data effectively “takes a lot of work”?
- How would you describe the terms “leading metrics” and “lagging metrics” after hearing the examples regarding student success?
- How can the analysis of data be beneficial to students as it relates to policy adjustments within higher education?
- What are some of the ethical questions and considerations Chrysanthemum Mattison Hayes points out with regard to student data?
- How does Chrysanthemum Mattison Hayes describe “post-specialist era”? (see also, bonus clip)
- What are some insights, if any, that you gained after the discussion about mentors? (see also, bonus clip)

- After listening to this episode, how would you describe the term “researcher storyteller”?



## Possible Activities

- Engage your students in a large group discussion about their data. How is this data collected and what is it used for on your campus? How is their data collected in settings outside of your campus (for example, during online shopping)? What limitations, if any, do they believe should be placed on their data?
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e14/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e14/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they Chrysanthemum Mattison Hayes if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, July 4). *Chrysanthemum Mattison Hayes on Being a Data Analyst* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e14/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest Dr. Geoff Pullum, Professor of General Linguistics at the University of Edinburgh where he has been since 2007. Previously, Dr. Pullum was a faculty member at University College London and at the University of California, Santa Cruz. He has been a fellow at the Center for Advanced Study in the Behavioral Sciences (where?) and a fellow of the Radcliffe Institute for Advanced Study at Harvard University. Dr. Pullum has previously served as Dean of Graduate Studies and Research, as Distinguished Professor of Humanities, and as Head of Linguistics and English Language. Dr. Pullum was elected a Fellow of the American Academy of Arts and Sciences in 2003, a Fellow of the Linguistic Society of America in 2007, and a Fellow of the British Academy in 2009. He is the winner (with Mark Liberman) of the Linguistics, Language, and the Public Award from the Linguistic Society of America in 2009 for work on the group linguistic science blog Language Log. He is also the co-author (with Rodney Huddleston) of *The Cambridge Grammar of the English Language* (2002), which won the Leonard Bloomfield Book Award from the Linguistic Society of America in 2004. Dr. Pullum also blogs at Lingua Franca for the Chronicle of Higher Education.

*Segment One* [00:00-11:52] - In this segment, Geoff defines theoretical research and shares some examples from his own work.

*Segment Two* [11:53-22:12] - In this segment, Geoff shares some of the ways he approaches sharing theoretical research with the public and how he employs humor.

*Segment Three* [22:13-33:39] - In this segment, Geoff talks about a few of his many collaborations and how some of these experiences come to be.

*Bonus Clip #1* [00:00-5:18]: Being an Academic Blogger

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e15/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Define and provide examples of theoretical research
- Describe examples of collaboration within theoretical research
- Explain some of the challenges with explaining theoretical research to the public
- Discuss examples of approaches to explaining information to the public
- Review some benefits and examples regarding collaboration and co-authorship
- Discuss approaches and considerations in academic blogging

### Guiding Questions for Listening

- What is theoretical research and what is an example of it?
- How does Dr. Geoff Pullum describe theory?
- How might collaboration be beneficial in theoretical research?
- What example does Dr. Pullum share regarding a collaboration with Gerald Gadzar and what resulted from this collaboration?
- What appear to be some of the challenges with explaining theoretical research to the public and how does Dr. Pullum approach these challenges?
- How does Dr. Pullum decipher which theoretical research information to share with the public?
- What is the purpose behind Dr. Pullum’s and Mark Liberman’s blog *Language Log*?
- What has Dr. Pullum found he enjoys about the process of collaboration and co-authorship?

- What insights does Dr. Pullum share regarding his experience in academic blogging and what insights, if any, did you gain about blogging? (see also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e15/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e15/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e15/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students visit *Language Log* and choose one of Geoff Pullum's posts to read and respond to on a class discussion board or during a small group in-class activity.

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, July 11). *Dr. Geoff Pullum on Theoretical Research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e15/>

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## Notes

# Dr. Tanya Joosten on Distance Education Research [30:01]

## Research in Action - Episode 16

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the is Dr. Tanya Joosten, the director of eLearning Research and Development at the University of Wisconsin-Milwaukee (UWM) where she works to guide strategic eLearning efforts at the campus, state, and national levels, to develop innovative programming for the UWM campus, and to lead a team of researchers to advance the field of eLearning. She is also the co-director of the National Research Center for Distance Education and Technological Advancements supported by the U.S Department of Education. Dr. Joosten’s efforts have been highlighted in many national news and media outlets and have led to her involvement in planning for the future of education, including the State of Wisconsin Superintendent’s Digital Learning Advisory Council, NMC Horizon Project Higher Ed Advisory Board, EDUCAUSE Evolving Technologies Steering Committee, and EDUCAUSE IT Status committee. Tanya is also the author of *Social Media for Educators*, available from Jossey-Bass.

*Segment One* [00:00-10:46] - In this segment, Tanya talks about her work with The National Research Center for Distance Education and Technological Advancements (DETA), the DETA research toolkit, and some of DETA’s current projects.

*Segment Two* [10:47-22:00] - In this segment, Tanya discusses strategies for juggling producing research with planning the pipeline for future research and funding.

*Segment Three* [22:01-30:01] - In this segment, Tanya discusses the changing nature of data in instructional technology platforms and how this data can (and should) be used for research purposes to improve student success in online learning.

*Bonus Clip #1* [00:00-1:30]: Creating a Virtual Community

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e16/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe DETA and its purpose
- Discuss examples of distance education research
- Explain ways distance education research collaboration is engaging non-researchers in the distance education field
- Review examples of ways to utilize social media as a means to archive information
- Discuss challenges and approaches in seeking funding for distance education research
- Discuss examples and purposes of data collection within online learning environments

### Guiding Questions for Listening

- What is DETA?
- How is distance education defined as it relates to DETA?
- According to Dr. Tanya Joosten, what were some of the needs within the realm of e-learning that led to her pursuit of funding for distance education research?
- What is the DETA research toolkit and what is its purpose?
- How are collaborations in distance education research also increasing research literacy of professionals within the distance education field?
- What are some of the digital outlets Dr. Joosten utilizes as a way to “archive” her thoughts and information gained through networking?
- What appear to be some of the challenges with seeking funding for distance education research and how does Dr. Joosten approach these challenges?
- What does Dr. Joosten describe will be the purpose of the virtual community that she discusses is currently being built? (see also, Bonus Clip)

## Possible Activities

- Assign students a project where they utilize the DETA research toolkit as a resource.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e16/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e16/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Tanya Joosten if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, July 18). *Dr. Tanya Joosten on Distance Education Research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e16/>

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## Notes

# Dr. Jason Osborne on Data Cleaning [33:15]

## Research in Action - Episode 17

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest Dr. Jason Osborne, Associate Provost and Dean of the Graduate School at Clemson University in Clemson, SC, where he is also Professor of Applied Statistics in the Department of Mathematical Sciences and in Public Health Sciences. He is author of over 70 peer-reviewed articles and seven books, many of which focus on best practices in statistical methods. He has also been active in research related to social justice, educational psychology, and evaluation. His work has been cited in scholarly publications over 10,000 times according to Google Scholar, and he is also an Accredited Professional Statistician™ (awarded by the American Statistical Association). Jason is a 3rd degree black belt in Songahm Tae Kwon Do, and the proud father of three, each of which he considers an outlier in the positive tail of the distribution of awesomeness.

*Segment One* [00:00-11:35] - In this segment, Jason talks about what constitutes data cleaning and why data cleaning practices are so important to do before data analysis takes place.

*Segment Two* [11:36-22:59] - In this segment, Jason discusses some of the pervasive myths of data cleaning and debunks the myths based on his book *Best Practices in Data Cleaning*.

*Segment Three* [23:00-33:15] - In this segment, Jason shares about his new book on regression and his focus on mentoring readers into a larger regression universe.

*Bonus Clip #1* [00:00-2:22]: Assumptions of Measurement

*Bonus Clip #2* [00:00-5:43]: Methods for Testing Assumptions

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e>

[17/](#)

### Learning Outcomes

By listening to this episode, students will be able to:

- Define data cleaning and provide an example of it
- Discuss examples of generational changes regarding data analysis practices
- Identify some advantages and disadvantages of utilizing software for data analysis
- Discuss some of the common myths related to data cleaning
- Review suggestions for beginners in data cleaning practices
- Cite resources for best practices in data cleaning, regression, and linear modeling

### Guiding Questions for Listening

- What is data cleaning?
- According to Dr. Osborne, how does data cleaning help a researcher “understand data in a deeper way”?
- What appear to be some advantages and disadvantages to the use of software packages to run statistical analysis on data?
- According to Dr. Osborne, what are some current myths about data cleaning and how has he addressed some of these myths?
- What insights does Dr. Osborne share as to reasons why researchers appear to have moved away from describing data cleaning in their studies?
- What suggestions does Dr. Osborne offer for researchers who have limited, if any, experience with data cleaning practices?
- What is regression in data analysis and what is an example of it?
- Why is the quality of measurement in quantitative analysis important? (see also, Bonus Clip)

## Possible Activities

- Assign a chapter from Dr. Osborne’s book *Best Practices in Data Cleaning* for students to read and discuss after listening to this episode.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e17/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e17/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Jason Osborne if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, July 25). *Dr. Jason Osborne on Data Cleaning* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e17/>

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## Notes



## Dr. Tara Gray on Publish & Flourish [31:24]

### Research in Action - Episode 18

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#### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest Dr. Tara Gray, who serves as associate professor of criminal justice and as the first director of the Teaching Academy at New Mexico State University (NMSU). The Teaching Academy seeks to improve student learning by providing NMSU educators with professional development in teaching, scholarship, leadership and mentoring. The Academy helps them develop extraordinary teaching lives embedded in exceptional careers. Tara was educated at the United States Naval Academy, Southwestern College in Kansas and Oklahoma State, where she earned her Ph.D. in economics by asking, “Do prisons pay?” She taught economics at Denison University before joining the Department of Criminal Justice at NMSU. She has published three books, including *Publish & Flourish: Become a Prolific Scholar*. She has been honored at New Mexico State and nationally with eight awards for teaching or service. Tara has presented faculty development workshops to 10,000 participants at more than 120 venues, in thirty-five states, and in Thailand, Guatemala, Mexico, Canada, Saudi Arabia and the United Arab Emirates.

*Segment One* [00:00-9:11] - In this segment, Tara describes the work of Centers for Teaching and Learning and shares examples of programming, resources, and services that can offer assistance to faculty researchers.

*Segment Two* [9:12-20:24] - In this segment, Tara talks about factors that impact scholarly productivity and shares tips for sharing your work with others.

*Segment Three* [20:25-31:24] - In this segment, Tara offers suggestions for setting up a daily writing practice, forming a writing group and tracking your time writing.

*Bonus Clip #1* [00:00-3:43]: How *Publish & Flourish* came to be

*Bonus Clip #2* [00:00-2:13]: Tips for Engaging Experts for Feedback on Your Work

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e18/>

#### Learning Outcomes

By listening to this episode, students will be able to:

- Describe faculty development within higher education
- Review some of the common support structures for faculty development
- Discuss factors and recommendations that affect scholarly productivity
- Review recommendations for creating a writing revision system
- Discuss suggestions for choosing external readers as reviewers and examples of questions to ask of them
- List examples of ways to practice and track daily writing
- Explain “zeroeth draft” and provide an example

#### Guiding Questions for Listening

- What is faculty development in higher education and what are some of the common support structures that enable faculty to engage in this development?
- What are some ways faculty development offices are providing opportunities for faculty to become more productive writers?
- According to Dr. Tara Gray, what three factors affect scholarly productivity?
- What is the revision system Dr. Gray describes as “writing around topic or key sentences”? How is this similar or dissimilar to your own writing revision process?
- What does Dr. Gray recommend when choosing external readers as reviewers?
- According to Dr. Gray, how can people practice and log daily writing?

- What is a “zeroeth draft”?
- What do you think may or may not be useful to you if you were to use the “zeroeth draft” method in writing?
- How did Dr. Gray’s book *Publish & Flourish* come to be? (see also, bonus clip)
- How does Dr. Gray engage experts in order to receive feedback on her work? (see also, bonus clip)

## Possible Activities

- Assign students a chapter from *Publish & Flourish* to read and discuss.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e18/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e18/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Tara Gray if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, August 1). *Dr. Tara Gray on Publish & Flourish* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e18/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest Dr. Peter Felten, assistant provost for teaching and learning, executive director of the Center for Engaged Learning, and professor of history. His recent publications include the co-authored books *Transforming Students: Fulfilling the Promise of Higher Education* (Johns Hopkins University Press, 2014) and *Engaging Students as Partners in Learning and Teaching* (Jossey-Bass, 2014). From 2010-2011, he served as president of the POD Network, and in 2015-2016 he is president-elect of the International Society for the Scholarship of Teaching and Learning. He also is a co-editor of the *International Journal for Academic Development*.

*Segment One* [00:00-9:11] - In this segment, Tara describes the work of Centers for Teaching and Learning and shares examples of programming, resources, and services that can offer assistance to faculty researchers.

*Segment One* [00:00-10:13] - In this segment, Peter defines the Scholarship of Teaching and Learning (SoTL) and distinguishes it from scholarly teaching.

*Segment Two* [10:14-23:15] - In this segment, Peter discusses the benefits of engaging in SoTL with students as research partners.

*Segment Three* [23:16-35:06] - In this segment, Peter describes a “decoding the disciplines” project that includes students as research partners.

*Bonus Clip #1* [00:00-3:25]: Five Principles of Good Scholarship of Teaching and Learning

*Bonus Clip #2* [00:00-4:09]: Challenges of Partnering with Students on Scholarship of Teaching and Learning

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e18/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe Scholarship of Teaching and Learning (SoTL) and its purpose
- Define Boyer’s model
- Discuss examples of student participation and learning outcomes through engagement in SoTL research
- Review examples of projects involving students as research partners
- Review Dr. Felten’s five principles of good SoTL
- Discuss potential challenges of partnering with students on SoTL projects

### Guiding Questions for Listening

- What is the Scholarship of Teaching and Learning (SoTL) and what is its purpose?
- Where did the idea of SoTL originate?
- What is Boyer’s model?
- According to Dr. Peter Felten, why is it important for students to engage in SoTL research?
- What are some examples of ways students can participate in SoTL research?
- In Dr. Felten’s experience, what has he observed about the peer-to-peer interaction of students engaged in SoTL research?
- What is “decoding the disciplines” and what are some findings that came out of it?
- According to Dr. Felten, what are five principals of good SoTL? (see also, Bonus Clip)
- What appear to be some of the challenges in partnering with students on SoTL projects? (see also, Bonus Clip)

## Possible Activities

- Assign students to find and read an article describing a Scholarship of Teaching and Learning project and have them apply the five principles of “good SoTL” that Dr. Felten describes. How would they rate the article according to these principles?
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e19/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e19/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Peter Felten if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, August 8). *Dr. Peter Felten on Scholarship of Teaching and Learning (SoTL)* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e19/>

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## Notes

# Dr. Ana Spalding on Interdisciplinary Research [33:47]

## Research in Action - Episode 20

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest Dr. Ana Spalding, an Assistant Professor of Marine and Coastal Policy in the School of Public Policy at Oregon State University. Dr. Spalding has a BA in Economics from the University of Richmond, an MA in Marine Affairs and Policy from the University of Miami, and a PhD in Environmental Studies from UC Santa Cruz. She has been a Postdoctoral researcher and a research associate with the Smithsonian Tropical Research Institute (STRI) in Panama. Theoretically, her work is informed by debates within political ecology, human geography, and environmental anthropology, and she has adopted an interdisciplinary approach to the study of how broad uses of coastal, marine, and terrestrial resources in Panama affect local people and environments. During her research, Dr. Spalding has worked closely with Panamanian NGOs and with NOAA’s National Marine Protected Areas Center in California. She has also engaged with academics and practitioners from a variety of backgrounds, including ecologists, biologists, anthropologists, economists, policy-makers, and lawyers as well as members of local indigenous communities in both the U.S and the Caribbean and Pacific coasts of Panama.

*Segment One* [00:00-10:57] - In this segment, Ana describes some of her past and current interdisciplinary research projects and discusses what makes them interdisciplinary.

*Segment Two* [10:58-21:09] - In this segment, Ana describes transitioning her research in Panama to her work at OSU and how she plans for the unexpected.

*Segment Three* [21:10-33:47] - In this segment, Ana defines scientific diasporas and discusses some ways to engage in international collaborations.

*Bonus Clip #1* [00:00-2:08]: The Importance of Offering Students an International Research Experience

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e20/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Provide examples of interdisciplinary research projects
- Discuss collaborative challenges with interdisciplinary work
- Review examples of approaches to beginning a complex research project
- Explain “scientific diaspora”
- Discuss examples of international research collaborations
- List some examples of ways students can be involved in international research

### Guiding Questions for Listening

- How does Dr. Ana Spalding define “interdisciplinary” and what examples does she provide from her work to illustrate this definition?
- What factors seem to direct a project toward becoming an interdisciplinary project?
- What are some challenges that may arise in interdisciplinary work and collaboration?
- According to Dr. Spalding, what is the “wow” moment in research collaborations?
- How has Dr. Spalding’s work in Panama transitioned to her work at OSU?
- What is the idea of a “scientific diaspora”?
- What are some examples Dr. Spalding gives as ways an international researcher might continue contributing to a country after they have returned home?
- What are some observations Dr. Spalding has made regarding the involvement of students within international collaborations?
- According to Dr. Spalding, why is it important for students who are involved in a research institution to also be involved in international research? (see also, Bonus Clip)

## Possible Activities

- Ask students to find an article that describes an interdisciplinary research project. How does that project compare to what Dr. Spalding discusses in this episode?
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e20/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e20/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Ana Spalding if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, August 15). *Dr. Ana Spalding on Interdisciplinary Research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e20/>

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## Notes

# Dr. Noah Shusterman on Maintaining a Researcher Identity [31:41]

## Research in Action - Episode 21

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest Dr. Noah Shusterman, a historian currently working as an Assistant Professor at the Chinese University of Hong Kong. Noah is a specialist in early-modern Europe and the eighteenth-century Atlantic World. He is the author of *Religion and the Politics of Time: Holidays in France from Louis the 14th through Napoleon and The French Revolution: Faith, Desire, and Politics*. Noah is now working on a history of militias and citizen-soldiers in the eighteenth-century Atlantic world. From 2005 to 2013, Noah worked as a non-tenure-track lecturer and assistant professor at Temple University, teaching "gen-ed" and history courses. His Ph.D. is from UC Berkeley.

*Segment One* [00:00-8:34] - In this segment, Noah shares how he maintained his research identity while in a teaching-intensive faculty position and how he eventually transitioned into a research position.

*Segment Two* [8:35-19:03] - In this segment, Noah shares his tips and suggestions for scheduling time for research and prepping for teaching efficiently.

*Segment Three* [19:04-31:41] - In this segment, Noah shares about his experience living, working, and researching in Hong Kong.

*Bonus Clip #1* [00:00-3:28]: Using Vacation Breaks for Research

*Bonus Clip #2* [00:00-4:40]: Tips for Efficient Grading

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e21/>

### Learning Outcomes

By listening to this episode, students will be able to:

- List strategies for remaining engaged in research while in a non-researcher position
- Review time management strategies for incorporating research into your schedule
- Discuss challenges and benefits to maintaining daily contact with your research and writing
- Illustrate examples of ways to combine daily activities with research and writing
- Describe similarities and differences between Dr. Shusterman’s international experience and US experience as a researcher and professor
- Review Dr. Shusterman’s tips on efficiently prepping for teaching
- Discuss Dr. Shusterman’s recommendations for grading and providing feedback to college students

### Guiding Questions for Listening

- What strategies does Dr. Shusterman offer as ways to maintain a researcher identity while in a position that may not be research-focused?
- How does Dr. Shusterman suggest ways to “look at what your schedule gives you” in order to incorporate time toward research?
- What are some examples of combining research and writing with other activities during your day?
- What appear to be some of the benefits to maintaining contact with research and writing on a daily basis?
- Which aspects of Dr. Shusterman’s international research and teaching experience has he found to be similar or dissimilar to his experience in the United States?
- According to Dr. Shusterman, how can vacation time be utilized as a way to move ahead with research projects? (see also, Bonus Clip)
- What advice does Dr. Shusterman offer regarding assignment feedback to students? (see also, Bonus Clip)
- What do you think about Dr. Shusterman’s advice regarding assignment feedback to students?
- After listening to this episode, what did you learn about time management strategies that were new or helpful to you?



## Possible Activities

- Ask students to think about their identities as students. How do they describe themselves? What is the most important part of their identity as a student?
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e21/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Noah Shusterman if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, August 22). *Dr. Noah Shusterman on Maintaining a Researcher Identity* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e21/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest Dr. Katie Linder, Director of Research at Oregon State University Ecampus, shares the responses that RIA received from listeners about “what do you wish you knew about research from the very beginning?” There are some audio clips, Twitter responses, and also some compilations from various blog posts.

*Segment One* [00:00-7:29] - In this segment, Katie shares some Twitter responses and audio clips in response to the question, “what do you wish you knew about research from the very beginning?”

*Segment Two* [7:30-18:33] - In this segment, Katie shares insights from several bloggers about what they wish they had known about research and graduate school from the very beginning.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/episode/22/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Identify common themes associated with what listeners wish they had known about research from the beginning
- Discuss potential challenges that may come with the role of a researcher
- Review suggestions and insights on beneficial practices for early researchers

### Guiding Questions for Listening

- Out of the compilation of responses from social media and podcast guests, what appear to be some of the common themes on what they wish they had known about research from the beginning?
- According to Samantha Linder’s blog post, what does she point out as something that makes a difference in how confident she feels in her research?
- Why do you think it is important for a researcher to be able to talk about their research in a way that the public can understand?
- In reference to George Byrne’s blog post on obtaining a PhD, what challenges appear to come with being “treated like an expert whether you like it or not”?
- What three areas does blog poster, Aly, point out as important things for a researcher to practice?
- Why do you think “writing everything down” might be an important practice for a researcher?
- Out of the responses received from listeners about what they wished they had known about research from the very beginning, which response was the most surprising to you?
- After listening to this episode, what have you learned about research that is new to you?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e22/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e22/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask the “Research in Action” podcast if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, August 29). *Dr. Katie Linder on What You Wish You Had Known about Research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e22/>

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## Notes

<http://ecampus.oregonstate.edu/research/podcast/e23/>

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest Dr. Janet Salmons, an independent researcher, writer and consultant through her company, Vision2Lead. She wrote *Doing Qualitative Research Online* (2016) *Qualitative Online interviews* (2015), *Online Interviews in Real Time* (2010), and edited the *Cases in Online Interview Research* (2012) for SAGE Publications, she has also written numerous articles and book chapters. She is a blogger for SAGE Methodspace, the Academy of Management The Ethicist Blog, and a guest blogger for other academic and research sites. She serves as a peer reviewer and editorial board member for academic journals and books. She is co-founder of Path to Publishing, with Dr. Helen Kara. Janet has extensive experience teaching, mentoring, and presenting online. She serves as a Contributing Faculty member for the Walden University PhD program in Educational Technology.

*Segment One* [00:00-10:48] - In this segment, Janet defines e-Research and offers some examples.

*Segment Two* [10:49-21:26] - In this segment, Janet shares some of her experience with online interviewing and her use of qualitative methods in e-Research.

*Segment Three* [21:27-32:51] In this segment, Janet discusses aspects to consider regarding the positionality of the e-Researcher.

*Bonus Clip # 1* [00:00-6:32]: Conducting Virtual Book Tours

*Bonus Clip # 2* [00:00-6:22]: Three Ways to Incorporate Technology into a Research Study

*Bonus Clip # 3* [00:00-5:33]: Tips for Getting Started with e-Research

Show notes and a transcript for this episode can be found at:

### Learning Outcomes

By listening to this episode, students will be able to:

- Define e-research
- Describe challenges associated with conducting e-research
- Provide an example of technology’s influence on data collection
- Describe an example of a multi-method approach to e-research
- Discuss considerations for the role of a researcher online
- Review suggestions for building researcher credibility online

### Guiding Questions for Listening

- What is e-research?
- What are some challenges that researchers might face with e-research compared to traditional approaches?
- What appear to be some of the ethical considerations surrounding e-research?
- What strategies does Dr. Salmons offer as ways a researcher might approach change within a study?
- According to Dr. Salmons, what are some of the biggest challenges in e-research?
- According to Dr. Salmons, how can the nature of technology influence the type of data collected?
- How does Dr. Salmons categorize qualitative online methods?
- What is an example of a multi-method approach with e-research?
- How does Dr. Salmons describe the role of a researcher online?
- What advice does Dr. Salmons offer as approaches researchers can take to build their credibility online?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e23/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e23/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Janet Salmons if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, September 5). *Dr. Janet Salmons on e-Research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e23/>

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## Notes

# Dr. Neil Salkind on Statistics Anxiety [32:59]

## Research in Action - Episode 24

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Neil Salkind, who received his PhD from the University of Maryland in Human Development, and after teaching for 35 years at the University of Kansas, remains a Professor Emeritus in the Department of Educational Psychology. His early interests were in the area of children’s cognitive development, and after research in the areas of cognitive style and (what was then known as) hyperactivity, he was a postdoctoral fellow at the University of North Carolina’s Bush Center for Child and Family Policy. His work then changed direction to a focus on child and family policy, specifically the impact of alternative forms of public support on various child and family outcomes. He has delivered more than 150 professional papers and presentations; written more than 100 trade and textbooks; and is the author of *Statistics for People Who (Think They) Hate Statistics* from (SAGE), *Theories of Human Development* also from (SAGE), and *Exploring Research* by (Prentice Hall). He has edited several encyclopedias, including the *Encyclopedia of Human Development*, the *Encyclopedia of Measurement and Statistics*, and the recently published *Encyclopedia of Research Design*. He was also the editor of *Child Development Abstracts and Bibliography* for 13 years

*Segment One* [00:00-10:36] - In this segment, Neil explains why statistics shouldn't cause researchers anxiety.

*Segment Two* [10:37-20:48] - In this segment, Neil shares some ideas for how beginning researchers can increase their statistics skills.

*Segment Three* [20:49-32:59] - In this segment, Neil shares about his experiences as an editor of encyclopedias.

*Bonus Clip # 1* [00:00-4:02]: Writing about Research Methods

*Bonus Clip #2* [00:00-2:13]: Tips for Engaging Experts for Feedback on Your Work

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e24/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Discuss approaches to identifying and addressing potential barriers to learning statistics
- Describe the purpose of applying statistical methods
- Provide an example of applying quantitative and qualitative statistical methods
- Cite various independent publishing companies
- Discuss Dr. Salkind’s advice to those working with publishers for the first time

### Guiding Questions for Listening

- How does Dr. Salkind suggest approaching any anxiety surrounding statistics?
- In Dr. Salkind’s teaching experience with statistics, what has created a successful learning environment for students?
- How does Dr. Salkind encourage learners to think about statistics?
- According to Dr. Salkind, how might the “conceptual nature of what statistics represents” be a potential stumbling block for those learning statistics?
- What is an example of how both quantitative and qualitative statistical methods can be applied in a research study?
- What, if any, are some potential challenges to being trained in one type of statistical method?
- Based on the example in this episode, what appear to be some of the collaborative elements of editing an encyclopedia?
- What elements, if any, of Dr. Salkind’s experience editing encyclopedias or writing about research methods (see also, bonus clip) did you find surprising?
- What advice does Dr. Salkind offer as a way to think

strategically when working with publishers?

- According to Dr. Salkind, what are some considerations and precautions for those who may be new to working with publishers?

## Possible Activities

- Facilitate a large group discussion with your students about their experiences with statistics. Begin by asking students to anonymously write down their statistics fears. Collect these responses and then share a few with the group to start the discussion. Use this discussion to learn more about your students' concerns and to allay their fears about working with statistics methods.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e24/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e24/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Neil Salkind if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, September 12). *Dr. Neil Salkind on Statistics Anxiety* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e24/>

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## Notes



# Dr. Patsy Moskal on Research on Distributed Learning and Teaching Effectiveness [33:33]

## Research in Action - Episode 25

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest Dr. Patsy Moskal, the Associate Director for the Research Initiative for Teaching Effectiveness at the University of Central Florida (UCF). Since 1996, she has served as the liaison for faculty research of distributed learning and teaching effectiveness at UCF. Patsy specializes in statistics, graphics, program evaluation, and applied data analysis. She has extensive experience in research methods including survey development, interviewing, and conducting focus groups and frequently serves as an evaluation consultant to school districts, and industry and government organizations. She has also served as a co-principal investigator on grants including the National Science Foundation, the Alfred P. Sloan Foundation and Gates-Foundation-funded Next Generation Learning Challenges (NGLC). Patsy has co-authored numerous articles and chapters on blended and online learning and frequently presents on these topics. In 2011 she was named a Sloan-C Fellow in recognition of her groundbreaking work in the assessment of the impact and efficacy of online and blended learning.

*Segment One* [00:00-12:25] - In this segment, Patsy shares about her experiences with research on distance education.

*Segment Two* [12:26-23:26] - In this segment, Patsy talks about staying productive with research and learning how to say no to new projects.

*Segment Three* [23:27-33:33] - In this segment, Patsy shares some of her ideas for future research areas in distance education.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e25/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Define and adaptive learning and provide an example of it
- Discuss how the analysis of adaptive learning platforms can impact faculty at an educational institution
- Provide an example of internal and external measures as they relate to adaptive learning research
- Explain the connection between distance education research and teaching effectiveness
- Review considerations for new areas of exploration in distance education research

### Guiding Questions for Listening

- What is adaptive learning?
- How do adaptive learning platforms assist students on an individual basis?
- What are some examples of the type of data being captured from students that analyze the effectiveness of adaptive learning platforms?
- How can the analysis of online learning platforms impact faculty?
- What are some examples of internal and external measures as they relate to adaptive learning research?
- According to Dr. Moskal, what are some challenges within distance education research?
- How does distance education research impact teaching effectiveness?
- What appear to be some factors that can potentially affect the prioritization of research projects?
- In Dr. Moskal’s experience at the University of Central Florida, how are faculty members involved in new distance education research projects?
- According to Dr. Moskal, what are some important considerations for exploring new areas of research in distance education?

- What appear to be some benefits and challenges in working with vendors on research projects?

## Possible Activities

- Have each student find an article about distance education and summarize the research findings. What did they find interesting about the article? What questions did it raise for them?
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e25/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e25/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Patsy Moskal if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, September 19). *Dr. Patsy Moskal on Research on Distributed Learning and Teaching Effectiveness* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e25/>

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## Notes

# Nick Foreman on Archival Research [29:41]

## Research in Action - Episode 26

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest Nick Foreman, a PhD candidate in American and Latin American history at the University of Florida. Nick also teaches food history in the department of History, Philosophy, and Religion at Oregon State. His dissertation, entitled "The Calorie of Progress" explores the cultural and material significance of food supply in Louisiana during the late colonial and early American periods. His work has been published in *Smithsonian Magazine*.

*Segment One* [00:00- 10:31] - In this segment, Nick shares about his dissertation research and what led him to using archives.

*Segment Two* [10:32-20:16] - In this segment, Nick shares some of the basic logistics of conducting archival research.

*Segment Three* [20:17-29:41] - In this segment, Nick shares how he connects his historical research to contemporary events and topics.

*Bonus Clip #1* [00:00-4:12]: Organizing Archival Data

*Bonus Clip #2* [00:00-7:16]: Learning about the Logistics of Archival Research

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e26/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe archival research
- Identify examples of resources for archived information
- Discuss considerations in the logistical planning of archival research
- Explain the connection of preplanning archival research to the research analysis
- Discuss aspects of Nick Foreman’s archival research project and its relation to society today
- Review examples of organizational methods for tracking research documents

### Guiding Questions for Listening

- What lead Nick Foreman to “expand the scope” with some of his original research questions in his current project?
- Outside of a library, what are some additional locations in which archived documents could be found?
- According to Nick Foreman, how might unwritten material evidence from the past provide relevant information in archival research?
- What appear to be some considerations in the logistical planning for archival research?
- What appear to be some of the challenges in seeking funding for archival research?
- How might the preplanning of archival research be related to the analysis of the research?
- According to Nick Foreman, what is the connection between the historical aspects of food and society today?
- How does Nick Foreman maintain organization with his research documents? (see also, Bonus Clip #1)
- How might a detailed record of research documents impact the research itself? (see also, Bonus Clip #1)
- How was Nick Foreman introduced to the logistics of

archival research? (see also, Bonus Clip #2)

## Possible Activities

- Have students read an article that draws on research from archives and lead a discussion about how the author describes their methodology when working with archived documents and artifacts.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e26/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e26/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Nick Foreman if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, September 26). *Nick Foreman on Archival Research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e26/>

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## Notes

# Lydia Newton on Survey Design & Recruitment [30:44]

## Research in Action - Episode 27

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest Lydia Newton, Senior Research Assistant for the Survey Research Center at Oregon State University. In this role, Lydia specializes in questionnaire construction and design, data collection and reduction, and experiments in survey methodology. She also provides consulting services for students and faculty in writing questionnaires and implementing surveys.

*Segment One* [00:00-8:30] - In this segment, Lydia shares some best practices when starting to plan a survey study.

*Segment Two* [8:31- 20:12] - In this segment, Lydia shares some of the components to consider when planning for survey recruitment.

*Segment Three* [20:13-30:44] - In this segment, Lydia shares some of her experience and suggestions regarding effective survey design.

*Bonus Clip #1* [00:00-3:41]: Four Types of Total Survey Errors

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e27/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe survey planning
- Identify major components of survey planning
- Review an example of planning for survey process “uncertainties”
- Discuss an example of how survey recruitment strategies have changed over the years
- Describe an example of how the social exchange theory could be applied to survey recruitment
- Review considerations for developing questions during the survey design
- Discuss the four types of total survey error

### Guiding Questions for Listening

- What are some of the major components to planning survey research?
- According to Lydia Newton, what can indicate how you collect data for a survey?
- What does Lydia Newton suggest as a way to build a timeline for sharing the results of a survey?
- How might the outcomes of a survey affect the survey timeline?
- What are some examples of “uncertainties” that could happen during the course of the survey process?
- What is a self-administered survey?
- How have survey recruitment strategies changed over time?
- What is the “social exchange theory”?
- What is the Institutional Review Board (IRB)?
- Why is it important to provide the researcher contact information during the survey recruitment?
- What are some important considerations when developing survey questions?
- What are four types of total survey error? (See also, Bonus Clip #1)

## Possible Activities

- After listening to the episode, have students create a “top ten” list of potential things to avoid or watch out for when planning a research project using survey design. Then have them develop a “top ten” list of best practices to emulate.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e27/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e27/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Lydia Newton if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, October 3). *Lydia Newton on Survey Design & Recruitment* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e27/>

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## Notes



# Todd Campbell on Managing Large Research Grants [33:14]

## Research in Action - Episode 28

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest Dr. Todd Campbell, an Associate Professor of Science Education in the Department of Curriculum and Instruction at the University of Connecticut. His research focuses on teaching and learning in science education. More specifically, cultivating classroom versions of scientific activity through modeling as an anchoring epistemic practice, technology tools in scientific activity, and science teacher professional development. Dr. Campbell is the PI for a National Science Foundation (NSF) Discovery Research K-12 project focused on science teacher professional development.

Cumulatively, he has been PI for approximately \$6,000,000 in research funding and has published in numerous journals including the International Journal of Science Education, Review of Research in Education, and Research in Science Education, and has served as guest editor of the Journal of Science Education and Technology, and National Science Teachers Association’s journal The Science Teacher

*Segment One* [00:00-11:14] - In this segment, Todd discusses some of the ways that he prepared to apply for large research grants.

*Segment Two* [11:15- 23:31] - In this segment, Todd shares some best practices and strategies for managing large research grants.

*Segment Three* [23:32-33:14] - In this segment, Todd shares some of the lessons he has learned through his grant writing experiences.

*Bonus Clip #1* [00:00-5:23]: Challenges in Applying for Large Research Grants

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e28/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe an example of the application process for a large research grant
- Discuss planning considerations for 3-5-year research grants
- Discuss considerations with large research grant planning as it relates to a researcher’s professional trajectory
- Review Dr. Campbell’s suggestions for large research grant management and organizational strategies
- Identify benefits and challenges in apply for large research grants

### Guiding Questions for Listening

- What suggestions does Dr. Todd Campbell offer to those preparing to apply for a large research grant?
- What does Dr. Campbell mention was a helpful experience with regard to grants during his doctoral program?
- According to Dr. Campbell, what appear to be some important considerations when applying for a 3-5-year grant?
- How might a researcher’s professional trajectory be a factor in the pursuit of large grant opportunities?
- What organizational strategies does Dr. Campbell offer for managing large research grants?
- In one of Dr. Campbell’s experiences, how did multiple iterations of a grant proposal prove to be helpful?
- What are some potential benefits of working with a sample grant proposal?
- Why might it be important to set objectives and prepare role statements within a large research grant team?
- According to Dr. Campbell, what types of institutional support appear to be valuable in grant management?
- According to Dr. Campbell, what is the hardest part in applying for large research grants? (See also, Bonus Clip #1)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e28/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e28/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Todd Campbell if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, October 10). *Dr. Todd Campbell on Managing Large Research Grants* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e28/>

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## Notes

# Dr. Katie Linder on Grant Writing Basics [31:20]

## Research in Action - Episode 29

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest Dr. Katie Linder answers a listener question about grant writing and shares resources for getting started with finding and applying for research funding.

*Segment One* [00:00-10:11] - In this segment, Katie offers some reasons that one might apply for grants and shares some grant writing resources.

*Segment Two* [10:12- 20:08] - In this segment, Katie shares some ideas for where to find funding opportunities and also discusses the necessity of grant collaborators.

*Segment Three* [20:09-31:20] - In this segment, Katie shares some information on the application process for grants and offers some general tips based on her experiences as a grant writer.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/episode/29/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Discuss purposes of pursuing and writing grants
- Review grant writing resources for beginners
- Cite resources for grant funding opportunities
- Describe benefits and challenges of collaboration during a grant application process
- Identify organizational strategies and budgetary considerations for the application process
- Review timeline considerations in order to meet grant application deadlines

### Guiding Questions for Listening

- Why might professionals want to pursue grant funding?
- How might grant writing contribute to professional development?
- What are some of Dr. Katie Linder’s suggestions for connecting with experienced grant writers?
- What does Dr. Linder suggest regarding regional and national foundations as a resource for potential grant funding?
- What are some important considerations regarding grant submission deadlines?
- What appear to be some benefits in collaborating with other professionals on a grant proposal?
- How could credibility with a potential funder be affected?
- What are some potential budgetary considerations during the preparation of a grant proposal?
- What is the role of a grants office within an institution and how might this impact a grant submission timeline?
- What are some ways a grant writer can assess whether or not the pursuit of a grant is in keeping with their program/institutional goals?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e29/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e29/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Dr. Katie Linder if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, October 17). *Dr. Katie Linder on Grant Writing Basics* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e29/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest Dr. Sean Zdenek, an associate professor of technical communication and rhetoric at Texas Tech University in Lubbock, Texas. He holds a PhD from Carnegie Mellon University, a Master’s degree from California State University at Stanislaus, and a Bachelor’s degree from University of California at Berkeley. At Texas Tech, he teaches undergraduate and graduate courses in web accessibility and disability studies, sound studies, report writing, style, document design, writing for publication, developing instructional materials, and others. Sean is also the author of *Reading Sounds: Closed-Captioned Media and Popular Culture* from University of Chicago Press. He’s been keenly interested in closed captioning for over a decade and writing about it since 2009.

*Segment One* [00:00-10:49] - In this segment, Sean describes some of the research on closed captions in his book *Reading Sounds*.

*Segment Two* [10:50- 21:27] - In this segment, Sean shares about the 500+ example clips he curated as supplemental resources for his book.

*Segment Three* [21:28-28:40] - In this segment, Sean discusses his current research area of animated captions and talks about his future research plans.

*Bonus Clip #1* [00:00-3:00]: Relationship Between Caption Transformation and Animated Captions

*Bonus Clip #2* [00:00-01:43]: Captioning within Context

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e30/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Discuss purposes of closed captioning and Dr. Zdenek’s research in this field
- Define NSI and provide an example of it
- Describe rhetorical analysis as it applies to closed captioning research
- Identify an example of a leitmotif in closed captioning
- Describe animated captioning
- Explain the difference between closed captions and subtitles
- Discuss potential impacts of closed captions on both hearing and non-hearing individuals

### Guiding Questions for Listening

- How did Dr. Sean Zdenek begin researching closed captioning?
- According to Dr. Zdenek, what is “humanistic rationale” as it relates to the study of closed captioning?
- What are non-speech captions/NSI and what is an example of it?
- How does Dr. Zdenek apply rhetorical analysis to his research on closed captions?
- What is synchresis?
- What appear to be some potential challenges in creating context for closed captions?
- According Dr. Zdenek, how can captions provide a “slightly different experience of the text”?
- What is an example of a leitmotif in closed captioning?
- What is an example of animated captioning?
- What are the differences between closed captions and subtitles?
- According to Dr. Zdenek, how might closed captions impact hearing individuals?
- What appear to be some of the challenges with the “idea that captions equalize sound”? (See also, Bonus Clip #1)

## Possible Activities

- Have students watch a course video with closed captions turned on. What do they notice about what information is included in the closed captions? What do they notice about what information is not included?
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e30/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e30/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Sean Zdenek if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, October 24). *Dr. Sean Zdenek on Rhetorical Analysis* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e30/>

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## Notes

# Dr. Tracy Teal on Data Carpentry [33:20]

## Research in Action - Episode 31

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest Dr. Tracy Teal, the Executive Director of Data Carpentry and adjunct professor in the BEACON Center for the Study of Evolution in Action at Michigan State University. Her research background is in microbial ecology and bioinformatics, and she’s been a developer and contributor to several open source bioinformatics projects. Tracy has a Ph.D. in Computation and Neural Systems from Cal Tech; a Master’s Degree from UCLA in Organismal Biology, Ecology, and Evolution; and a Bachelor’s from UCLA in Cybernetics.

*Segment One* [00:00-09:56] - In this segment, Tracy shares about the mission of Data Carpentry and how the organization came to be.

*Segment Two* [09:57- 21:44] - In this segment, Tracy talks about some of the specific skills in the Data Carpentry curriculum and how workshops are created.

*Segment Three* [21:45-33:20] - In this segment, Tracy shares more about the Data Carpentry instructors and how the organization is working to create a researcher community.

*Bonus Clip #1* [00:00-03:10]: What’s Next for Data Carpentry?

*Bonus Clip #2* [00:00-02:30]: Logistics of Collaborative Lesson Development

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e31/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe the role and purpose of Data Carpentry
- Explain the need for researcher skill development and training
- List resources for becoming involved with Data Carpentry and Software Carpentry
- Describe the purpose of building a “local capacity” of instructors
- Discuss benefits of a researcher community
- Identify resources for Data Carpentry and Software Carpentry lesson materials

### Guiding Questions for Listening

- What is computation and how might it be utilized in the analysis of data?
- What is the purpose of the Data Carpentry organization?
- According to Dr. Tracy Teal, what type of need is there for researchers to further develop data skills?
- According to Dr. Teal, how does she describe Data Carpentry’s role of “training in the gaps”?
- What is mentioned about the learning environment of Data Carpentry workshops?
- According to Dr. Teal, how is building a local capacity the “most effective way for people to learn the skills”?
- What appear to be some of the benefits of working with research communities?
- According to Dr. Teal, where does there seem to be reluctance with skill development?
- What is a Creative Commons license?
- What are some of the opportunities available through Data Carpentry and Software Carpentry?
- According to Dr. Teal, why might it be helpful to teach researchers within a domain in which they are familiar? (See also, Bonus Clip #1)
- How is a version control system utilized for collaboration in lesson development/management? (See also, Bonus Clip #2)

## Possible Activities

- Have students visit the Data Carpentry workshop website and review some materials from the workshops (or incorporate a Data Carpentry lesson plan into your course).
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e31/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e31/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Tracy Teal if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, October 31). *Dr. Tracy Teal on Data Carpentry* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e31/>

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## Notes



### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, there are two guests.

Dr. Tom Cavanagh is Associate Vice President of Distributed Learning at the University of Central Florida (UCF). In this role he oversees the distance learning strategy, policies, and practices of the nation's second-largest university, including program and course design, development, and assessment. In his career, Tom has administered e-learning development for both academic (public and private) and industrial (Fortune 500, government/military) audiences. A regular presenter at academic and industry conferences, he is an award-winning instructional designer, program manager, faculty member, and administrator. In 2014 he was named an Online Learning Consortium Fellow. Tom's research interests include e-learning, technical communication, and the societal influence of technology on education, training, culture, and commerce. He is also an award-winning author of several mystery novels and a co-host of Topcast: The Teaching Online Podcast.

Dr. Kelvin Thompson serves as the Director of Online Design & Development Strategy for the University of Central Florida's (UCF) [Center for Distributed Learning](#) with a faculty appointment as a graduate faculty scholar within UCF's College of Education & Human Performance. He has collaborated on the design of hundreds of online and blended courses over the past eighteen years. Dr. Thompson oversees CDL's strategic initiatives, including accessibility activities, and he developed the [BlendKit Course open courseware](#) as part of UCF's Blended Learning Toolkit. His personal research interests center on how interaction affects learner engagement. Kelvin regularly addresses groups throughout the US on topics related to online/blended learning and educational technology and he also co-hosts TOPcast:

The Teaching Online Podcast available on iTunes. Kelvin holds a Bachelor of Music Education degree from The Florida State University, and an MA in instructional systems technology and an Ed.D in curriculum and instruction from the University of Central Florida.

*Segment One* [00:00-11:31] - In this segment, Tom and Kelvin describe why keeping up with the research in their field is a priority.

*Segment Two* [11:31-22:09] - In this segment, Kelvin and Tom share how they find and collect the items that are on their to-read piles.

*Segment Three* [22:10-34:24] - In this segment, Tom and Kelvin share some of their tactics for squeezing reading into busy schedules.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e32/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Discuss the purpose of reading research regularly
- Review suggestions for ways to seek out research literature
- Identify strategies for organizing research literature for later reading
- Cite digital resources for organizing research literature
- Discuss challenges and strategies for incorporating reading into a busy schedule

### Guiding Questions for Listening

- Why is it important to keep up with reading research?
- How might keeping up with research reading build credibility?
- According to Dr. Cavanagh & Dr. Thompson, what are some ways to seek out research literature?
- What are some of the strategies mentioned for keeping research literature organized?

- How might a piece of research literature be read “thematically”?
- What are some ways research reading could be incorporated into a busy schedule?
- What strategy, if any, would you find useful for incorporating reading into your schedule?

## Possible Activities

- Have students try one of the organization strategies mentioned in the episode for their own research reading. Then ask them to report back through a discussion board or in-class discussion about how it worked for them.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e32/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e32/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Tom Cavanagh and/or Dr. Kelvin Thompson if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, November 7). *Dr. Tom Cavanagh @ Dr. Kelvin Thompson on Keeping up with Reading* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e32/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest Dr. Inger Mewburn, a researcher specializing in research education since 2006. She is currently the Director of Research Training at The Australian National University where she is responsible for co-ordinating, communicating and measuring all the centrally run research training activities and doing research on student experience to inform practice. Inger also runs a popular blog, *The Thesis Whisperer*, and writes scholarly papers, books and book chapters about research student experiences, with a special interest in the digital practices of academics. She is a regular guest speaker at other universities on publishing, writing, social media and presentation skills.

*Segment One* [00:00-09:25] - In this segment, Inger shares how the *The Thesis Whisperer* blog came to be.

*Segment Two* [09:26-19:28] - In this segment, Inger shares about how she came to be a research educator and some of the services she offers as the Director of Research Training at The Australian National University.

*Segment Three* [19:29-31:49] - In this segment, Inger shares some of her tips for maintaining a strong and active writing pipeline.

*Bonus Clip #1* [00:00-04:22]: Inger's Research on Academic Blogging

*Bonus Clip #2* [00:00-04:10]: How to Tame Your PhD

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e33/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Cite educational resources for new researchers
- Describe the Australian government's involvement in research
- Discuss common challenges for PhD students
- Review strategies for moving research and writing forward amidst a busy schedule
- Describe the Pomodoro Technique
- Discuss benefits and challenges in academic blogging

### Guiding Questions for Listening

- How did Dr. Mewburn's blog, *The Thesis Whisperer*, come to be?
- What was Dr. Mewburn's purpose behind *The Thesis Whisperer*?
- In Australia, how is the government involved in research?
- In Australia, how might a student's ability to complete a PhD program potentially affect a university's ability to move research forward?
- What strategies does Dr. Mewburn offer to keep research and writing moving forward amidst a busy schedule?
- With regard to productive writing, what do you think Dr. Mewburn meant by, “there's a whole writing practice there that isn't what you see”?
- What are some of the activities PhD students might encounter in the “thesis boot camp” described in this episode?
- What is The Pomodoro Technique?
- According to Dr. Mewburn, why does there appear to be some fear and uncertainty surrounding academic blogging within the PhD community? (See also, Bonus Clip #1)
- How did Dr. Mewburn's book *How to Tame Your PhD*

involve her blog *The Thesis Whisperer*? (See also, Bonus Clip #2)

## Possible Activities

- Have students explore several posts from *The Thesis Whisperer* blog and choose one to review and share with the class. What was the main argument of the post? What helpful resources were shared?
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e33/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e33/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Inger Mewburn if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, November 14). *Dr. Inger Mewburn on Supporting & Training New Researchers* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e33/>

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## Notes

# David Brightman on Being a Book Editor [36:02]

## Research in Action - Episode 34

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest David Brightman, a senior editor with Stylus Publishing LLC where he helps authors put research into practice. Previously, Davis was a lead editor with the Jossey-Bass Higher and Adult Education book series. David has a BA in Interdisciplinary Studies from the University of California, Berkeley and a Professional Certificate in Publishing from the UC Extension.

*Segment One* [00:00-10:57] - In this segment, David describes his role and shares how book editors are different from journal editors.

*Segment Two* [10:58-22:54] - In this segment, David shares what book editors look for in successful book proposals.

*Segment Three* [22:55-36:02] - In this segment, David discusses the responsibility of scholars to connect with the public.

*Bonus Clip*: [00:00-06:23]: Common Misconceptions About Book Editors and Publishing

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e34/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Compare roles of a book editor and a journal editor
- Describe the importance of “knowing the audience” as both an author and editor
- Provide an example of a “professional book”
- Describe Boyer’s four modes of scholarship
- Discuss suggestions for assessing how a topic or idea might lead to a book
- Describe an example of a book proposal process
- Review some of the common misconceptions about book editors

### Guiding Questions for Listening

- What are some of the differences between a book editor and a journal editor?
- Why might it be important to “know the audience” as an author and as an editor?
- What appear to be the benefits of an author having their work peer-reviewed whether it’s a journal article or a book?
- What is an example of a “professional book”?
- According to David Brightman, what are some of the distinguishing elements between the different types of professional books?
- How does David Brightman describe a professional book’s potential trajectory?
- What does David Brightman explain are interesting paradoxes to his work, specifically with higher education?
- According to David Brightman, what might be some challenges academics may run into with book proposals?
- What do you think David Brightman means by suggesting, “don’t overdo the scholarly rationale”?
- How does David Brightman describe the role of an “active author” and how might it be beneficial to a newly published book? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e34/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e34/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask David Brightman if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, November 21). *David Brightman on Being a Book Editor* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e34/>

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## Notes



## Julie Risien on Broader Impacts [27:58]

### Research in Action - Episode 35

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#### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Julie Risien, who manages operations and programs at the Center for Lifelong STEM Learning at Oregon State University. Her work focuses on campus-wide initiatives including building a network to improve research impacts and managing transdisciplinary STEM research programs. She serves as an advisor to the OSU office of research development and the NSF-funded Center for Advancement of Informal Science Education; Julie is also a steering committee member on the NSF-funded National Alliance for Broader Impacts. Julie's background in research planning and administration includes 10 years at OSU with Oregon Sea Grant and the Institute for Natural Resources. Her background also includes many years working for non-profit organizations including the Environment Now Foundation and as a U.S. Peace Corps Volunteer in the Pacific Islands. Julie has a Masters of Science in Marine Resource Management from the College of Earth, Ocean and Atmospheric Sciences at OSU and is currently working on her PhD in Environmental Sciences.

*Segment One* [00:00-14:35] - In this segment, Julie defines the concept of "broader impacts" and talks about where the concept originated.

*Segment Two* [14:36-27:58] - In this segment, Julie shares about a campus initiative at Oregon State University to support broader impacts.

*Bonus Clip*: [00:00-11:04]: Research on Networks

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e35/>

#### Learning Outcomes

By listening to this episode, students will be able to:

- Define broader impacts and provide an example of a broader impact project
- Discuss benefits and challenges for researchers with regard to broader impacts
- Cite resources for engaging in broader impacts networks
- Review suggestions for researchers to create broader impacts beyond student mentorship
- Describe ORIN at OSU
- Provide some examples of “research on networks”

#### Guiding Questions for Listening

- What are broader impacts?
- What appear to be some of the benefits of identifying broader impacts in research?
- How have broader impacts become more of a concern for researchers?
- According to Julie Risien, why does there appear to be an increase in the emphasis of broader impacts?
- What is citizen science and how might it be an example of a broader impact?
- According to Julie Risien, what is one way to “tackle broader impacts”?
- What is the purpose of ORIN at OSU?
- What suggestions does Julie Risien offer for those seeking to bring a broader impacts network to their campus or organization?
- How does Julie Risien describe “research on networks”? (See also, Bonus Clip)
- What is a “boundary professional”? (See also, Bonus Clip)
- With regard to Julie Risien’s current work with research on networks, how does she describe change from a theoretical viewpoint? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e35/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e35/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Julie Risien if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, November 28). *Julie Risien on Broader Impacts* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e35/>

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## Notes

# Hannah Gascho Rempel on Citation Management [35:19]

## Research in Action - Episode 36

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Hannah Gascho Rempel, a Science Librarian and the Coordinator for Graduate Student Success at Oregon State University Libraries and Press. At Oregon State, she has led the development of OSU Libraries’ services for graduate students and has been deeply involved in the libraries’ Teaching and Engagement Department’s transition to a more strategic focus on learner-centered instruction activities. Her research focuses on research behaviors and curiosity, the intersection of technology use and learning, and providing library services that help promote graduate student success. Hannah has taught Zotero workshops at OSU since 2008 and has created a highly used Zotero tutorial.

*Segment One* [00:00-12:06] - In this segment, Hannah defines citation management and talks about several different citation management platforms.

*Segment Two* [12:07-24:30] - In this segment, Hannah shares some of her best practice tips for experienced researchers and those new to citation management.

*Segment Three* [24:31-35:19] - In this segment, Hannah shares some additional features for researchers looking to level-up their citation management platform use.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e36/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Define citation management
- Cite resources for citation management tools
- Describe the benefits of utilizing a citation management tool and system
- Discuss considerations for choosing a citation management tool
- Explain additional functionalities of a citation management tool
- Provide an example of how to use a “tag” within a citation management system

### Guiding Questions for Listening

- What is citation management?
- What might be the benefits of utilizing a citation management tool?
- According to Hannah Gascho Rempel, what are some important components of citation management?
- What are some of the differences and similarities between the citation management tools mentioned in Segment 1?
- According to Hannah Gascho Rempel, what appears to be some of the hesitancy behind the use of a citation management tool?
- What has Hannah Gascho Rempel observed with regard to “modeling” and the use of citation management tools?
- What advice does Hannah Gascho Rempel offer for beginners in choosing a citation management tool?
- What advice does Hannah Gascho Rempel offer for experienced researchers in choosing a citation management tool?
- What are some additional functionalities with citation management tools?
- How might someone use “tags” within a citation management system?

## Possible Activities

- Have students choose a citation management system to try for the term and compare notes after several weeks of use. What did they like about it? What was challenging about it? Will they keep using it in the future?
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e36/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e36/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Hannah Gascho Rempel if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, December 5). *Hannah Gascho Rempel on Citation Management* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e36/>

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## Notes

# Dr. Jamison Fargo on Working with a National Research Center [32:57]

## Research in Action - Episode 37

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Jamison Fargo, an Associate Professor in the Department of Psychology at Utah State University where he is affiliated with the graduate emphasis in Sociobehavioral Epidemiology. He is also a Research Scientist with the National Center on Homelessness among Veterans, Philadelphia Veterans Affairs Medical Center. Dr. Fargo's primary research interests focus on preventing and ending homelessness, particularly among Veterans, as well as preventing injury and victimization. Dr. Fargo also has extensive methodological expertise in the application of modern psychometric, latent variable, and mixed-effects modeling techniques to research problems in the sociobehavioral, epidemiological, and educational sciences. Dr. Fargo earned Master's degrees in Clinical Psychology (2003) and Quantitative Epidemiology (2008) as well as a Doctoral degree in Experimental Psychology (2004) from the University of Cincinnati. In 2005 he founded the Office of Methodological and Data Sciences at Utah State University, which he directed until 2009. He previously worked at the University of Pennsylvania, where he was a Senior Research Investigator in the Center for Health Equity Research, a Biostatistician in the Center for Clinical Epidemiology & Biostatistics, and an Associate Fellow in the Center for Public Health Initiatives.

*Segment One* [00:00-12:29] - In this segment, Jamison shares about his experiences working with a national research center.

*Segment Two* [12:30-21:49] - In this segment, Jamison defines biostatistics and shares about training in this field and the disciplines where it is most likely to be used.

*Segment Three* [21:50-32:57] - In this segment, Jamison discusses what led him to "retool" at mid-career and how he went about it.

*Bonus Clip* [00:00-5:44]: Dr. Jamison Fargo's Experience as a Methodologist

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e37/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe the National Center for Homelessness Among Veterans and its purpose
- Discuss the potential benefits in working with a national center
- Define biostatistics
- Provide an example of a career field, outside of academia, in which a biostatistician might work
- Explain retooling as it relates to professional skills
- Describe the role of a methodologist

### Guiding Questions for Listening

- What is the National Center on Homelessness Among Veterans and what does Dr. Fargo explain is the VA's top priority with this center?
- How did Dr. Fargo become involved in the National Center on Homelessness Among Veterans?
- What does Dr. Fargo mention may be helpful to young researchers with regard to working with a national center?
- What are biostatistics?
- What are some of the differences between the two types of biostatisticians that Dr. Fargo describes?
- What are some examples of the various career fields in which a biostatistician might work?
- How does Dr. Fargo describe the process of retooling within his career?
- What do you think might be some potential benefits or challenges in retooling professional skills?
- How does Dr. Fargo describe the role of a methodologist? (See also, Bonus Clip)
- What is an example of how a methodologist might provide assistance within an academic institution?

## Possible Activities

- Have students find and explore a website for a national research center like the one that Jamison describes in this episode. What kinds of work does the Center do? What kinds of research roles are present in the Center?
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e37/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e37/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Jamison Fargo if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, December 12). *Dr. Jamison Fargo on Working with a National Research Center*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e37/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the host shares the audio from a podcasting panel at the Online Learning Consortium Accelerate Conference that took place in Orlando, Florida in November 2016. The moderator for the panel is Kelvin Thompson, the co-host of *TOPcast: The Teaching Online Podcast*. Presenters on the panel include Tom Cavanagh, the other co-host of *TOPcast: The Teaching Online Podcast*; Tanya Joosten, who is a co-host of *Women Who Wine in Higher Education*; Bonni Stachowiak, the host of the *Teaching in Higher Ed* podcast; Jenny Quarles, who hosts *Learning Lab*; John Ernstberger, who hosts *HigherEdScope*; and Katie Linder, the host of *Research in Action*.

*Segment One* [00:00-10:31] - In this segment, the panelists share some reasons that podcasting has become more popular and also some of their success metrics.

*Segment Two* [10:32-22:32] - In this segment, the panelists offer some ideas for audience engagement strategies and share about their production processes.

*Segment Three* [22:33-30:17] - In this segment, the panelists share their recommendations for getting started with podcasts and some of their favorite podcast shows.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e38/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Cite resources for podcasts in higher education
- Discuss possible reasons as to the rise in the number of podcasts
- Provide an example of a podcast process
- List some ideas for engaging podcast listeners
- Review recommendations for those new to podcasting

### Guiding Questions for Listening

- According to the conference panel, why does there appear to be a rise in the number podcasts coming out?
- What podcast does Dr. Katie Linder mention in segment 1 as the catalyst for a podcasting resurgence?
- What does Dr. Bonni Stachowiak note about the accessibility of podcasts?
- According to the conference panel, how might podcast success be measured?
- What does Dr. Bonni Stachowiak explain was the biggest piece of advice she received with regard to gaining podcast followers?
- What does Dr. Katie Linder mention about audience “pockets”?
- How might social media play a role in reaching a podcast audience?
- What are some of the podcast production processes mentioned in segment 2?
- How might collaboration play a role in podcasting?
- After listening to this episode, would you ever consider starting a podcast? On what topic?
- What tips and recommendations does the podcast panel offer to those new to podcasting?

## Possible Activities

- Have students find and listen to a couple episodes from a podcast related to the topic of your course. Facilitate a discussion on what they found useful in their particular episodes. Use the activity to crowd-source a list of relevant episodes for future course content.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e38/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e38/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask the Podcast Conference Panel if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, December 19). *Dr. Katie Linder on Podcasting in Higher Education (Conference Panel)*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e38/>

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## Notes



### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Jill Buban, Online Learning Consortium’s Senior Director of Research & Innovation, where she oversees the organization’s research and publications strategy. Prior to joining the Online Learning Consortium, Dr. Buban was the Assistant Provost for Research & Innovation at Post University. Dr. Buban continues to study and present on topics surrounding effective technology use for adult learners in online environments. She is a member of the SSEA Communications Committee, an organization for which she was named an Emerging Scholar in 2012. She also continues to teach in the areas of adult and online learning.

*Segment One* [00:00-11:26] - In this segment, Jill shares about her experiences moving from academia to the Online Learning Consortium.

*Segment Two* [11:27-22:04] - In this segment, Jill shares ideas and strategies for finding thinking partners and mentors.

*Segment Three* [22:04-33:42] - In this segment, Jill discusses her experiences working remotely and shares tips for effectively working from home.

*Bonus Clip:* [00:00-04:12]: Considerations for Shifting from Academia to Industry

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e39/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Discuss considerations for shifting into a new professional realm
- Describe “thinking partners”
- Provide an example of how to seek out “thinking partners”
- Review tips for effectively working from home and suggestions for avoiding potential pitfalls

### Guiding Questions for Listening

- What led Dr. Buban to shift from academia to industry?
- What were some of the differences and similarities Dr. Buban experienced in her shift from academia to industry?
- What professional experiences did Dr. Buban mention were helpful in preparing for her shift to industry?
- What are “thinking partners”?
- What did Dr. Buban describe as an important point in her career with regard to “thinking partners”?
- What example does Dr. Buban provide as a way to potentially connect with “thinking partners”?
- What are some ways a mentor/mentee relationship might change over time?
- According to Dr. Buban, what are some important considerations for effectively working from home?
- Why might it be important to intentionally block out time for projects, specifically if one is working from home?
- What does Dr. Buban suggest is “important to think through” with regard to a shift into a new professional realm? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e39/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e39/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Jill Buban if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2016, December 26). *Dr. Jill Buban on Transitioning from Academia to Industry* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e39/>

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## Notes

# Dr. Matt Bergman on Early-Career Research [35:24]

## Research in Action - Episode 40

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Matt Bergman, an Assistant Professor at the University of Louisville in the College of Education and Human Development. He teaches adult students (25 and older) in the Bachelor of Science in Organizational Leadership and Learning program. Dr. Bergman’s research is focused on factors that impact adult learners in degree completion programs at four-year universities and he recently won a national competition for Innovation in Educational Attainment from the Gheen’s Foundation based upon local implementation of his research. Dr. Bergman has also served in several other capacities at Appalachian State University and Lees-McRae College in Western North Carolina working in Enrollment Management, Athletic Learning Assistance, and Admissions. Prior to his career in Higher Education, Matt played Arena Football in Charleston, SC for a total of three seasons. He received a B.S. in Sports Administration, Physical Education, and Health Education from Union College in Barbourville, KY. He received a Master of Arts in Higher Education Administration from Appalachian State University in Boone, NC and a Ph.D. in Educational Leadership and Organizational Development from the University of Louisville. He is a teacher, administrator, and ambassador of degree attainment at the local, regional, and national levels.

*Segment One* [00:00-11:45] - In this segment, Matt shares about his first three years as a faculty member and how he shaped his research pipeline.

*Segment Two* [11:46-21:33] - In this segment, Matt shares some of his strategies for preparing for a third-year review as part of his tenure clock.

*Segment Three* [21:34-35:24] - In this segment, Matt shares about feelings of "imposter syndrome" and how he stays motivated.

Show notes and a transcript for this episode can be

found at:

<http://ecampus.oregonstate.edu/research/podcast/e40/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Discuss suggestions for building a research pipeline as an early-career researcher
- Review strategies for balancing teaching, research and service obligations
- Describe suggestions for staying motivated and addressing potential challenges as an early-career researcher
- List an example of a mentorship opportunity that could be found inside or outside of an academic institution

### Guiding Questions for Listening

- With regard to building a research pipeline, what is the “three-three-three” advice Dr. Bergman received early on?
- What does Dr. Bergman suggest as a starting place for early-career researchers as a way to begin building a pipeline?
- What strategies does Dr. Bergman offer for balancing teaching preparations with service obligations?
- What does Dr. Bergman mention about service obligations, research and teaching being related?
- What did Dr. Bergman describe as an “empowering” point in his career?
- What suggestions does Dr. Bergman offer in preparing for an upcoming third year review?
- What are some of Dr. Bergman’s suggestions for addressing potential challenges as an early-career researcher?
- What advice does Dr. Bergman share that has allowed him to stay motivated?
- How might a mentor, either inside or outside of an academic institution, be beneficial to an early-career researcher?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e40/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e40/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Matt Bergman if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, January 2). *Dr. Matt Bergman on Early-Career Research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e38/>

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## Notes

# Michaela Willi Hooper on Copyright [34:25]

## Research in Action - Episode 41

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Michaela Willi Hooper, the Scholarly Communication Librarian at Oregon State University and an Assistant Professor for the Center for Digital Scholarship and Services at the Valley Library. Michaela is a resource for faculty, staff, and students with questions about fair use and open access. She promotes ScholarsArchive@OSU and encourages compliance with funder public access requirements and the university’s open access policy. Her research interests include transformative learning and student perception of issues in scholarly communication. Michaela earned her MS in Information Science from the University of Michigan and has a bachelor’s in History.

*Segment One* [00:00-12:51] - In this segment, Michaela shares some of the most important things that researchers need to know about copyright.

*Segment Two* [12:52-22:54] - In this segment, Michaela demystifies some of the components of publisher contracts that are related to copyright.

*Segment Three* [22:55-34:25] - In this segment, Michaela discusses copyright principles related to the re-use of resources for teaching and research.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e41/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Define copyright
- Describe the process of obtaining an official copyright
- Provide an example of open access
- Explain the difference between an exclusive and nonexclusive license
- Provide an example of an embargo within a publishing contract
- Cite resources for copyright guides
- Define fair use

### Guiding Questions for Listening

- What is copyright?
- According to Michaela Willi Hooper, in what ways do we potentially interact with copyright on a daily basis?
- How does someone become a copyright holder?
- How is an official copyright obtained?
- According to Michaela Willi Hooper, what might be some important considerations for “re-use”?
- What is open access and what are some of the various avenues by which a work becomes “open access”?
- What recommendations does Michaela Willi Hooper offer with regard to researchers sharing their own published works?
- What are some potential challenges that an embargo might impose with regard to a publishing contract?
- What are the four factors of fair use?
- What does Michaela Willi Hooper explain librarians need, in some cases, with regard to tenure? (See also, Bonus Clip)

## Possible Activities

- Have students explore the Creative Commons website mentioned on the show (and linked in the show notes). Ask students to choose one kind of license and develop an idea of what they might copyright using that license.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e41/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e41/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Michaela Willi Hooper if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, January 9). *Michaela Willi Hooper on Copyright*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e41/>

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## Notes

# Dr. George Veletsianos on Sharing Research Online [32:36]

## Research in Action - Episode 42

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. George Veletsianos, who holds a Canada Research Chair in Innovative Learning and Technology and is an Associate Professor at Royal Roads University. George is a former Fulbright scholar and early-career fellow of the Network of Excellence in Technology Enhanced Learning, a European Union Initiative. His research has been dedicated to understanding the practices and experiences of learners, educators, and scholars in emerging digital environments. In particular, he studies online social networks, open scholarship/education, and emerging technologies.

He is the author of *Social Media in Academia: Networked Scholars* (Routledge, 2016), *Online learning: Emerging Technologies and Emerging Practices* (Athabasca University Press, in press), *Emerging Technologies in Distance Education* (Athabasca University Press, 2010), and *Learner Experiences in MOOCs and Open Online Learning* (Hybrid Pedagogy, 2013). Individually and collaboratively, he has also published more than 50 peer-reviewed manuscripts and book chapters and given more than 100 talks at conferences and events worldwide. His research has been funded by the Canada Research Chairs Program, the National Science Foundation, the European Union, National Geographic, and the Swedish Knowledge Foundation.

*Segment One* [00:00-09:56] - In this segment, George shares about how he became interested in social media as a research topic.

*Segment Two* [09:57-20:42] - In this segment, George shares about some of his methods for promoting scholarship online.

*Segment Three* [20:43-32:36] - In this segment, George discusses his own social media practices and chats about taking digital sabbaticals.

*Bonus Clip* [00:00-04:28]: Choosing How to Engage in Social Media

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e42/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe “networked scholarship”
- Define scholarship
- Provide an example of student’s online experience that is not captured through a data trail
- Discuss the benefits and challenges of a “digital sabbatical”

### Guiding Questions for Listening

- How does Dr. Veletsianos define “networked scholarship”?
- How does Dr. Veletsianos define scholarship?
- According to Dr. Veletsianos, what “caught his attention” with regard to writing *Social Media in Academia*?
- How has Dr. Veletsianos’ research impacted his own interaction with social media?
- What was the purpose behind the creation of Dr. Veletsianos’ YouTube videos?
- According to Dr. Veletsianos, why might it be beneficial to think about a scholarship dissemination plan ahead of time?
- What is an example of a student experience that Dr. Veletsianos explains might not be captured through a data trail?
- What might be some benefits and challenges to a “digital sabbatical”?
- How does Dr. Veletsianos approach his engagement in social media? (See also, Bonus Clip)

## Possible Activities

- Assign students to take a digital sabbatical and have them report back on their experience.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e42/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e42/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. George Veletsianos if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, January 16). *Dr. George Veletsianos on Sharing Research Online* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e42/>

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## Notes



# Dr. Adriane Brown on IRB Logistics for Online Research [34:02]

## Research in Action - Episode 43

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Adriane Brown, Assistant Professor and Director of Gender, Sexuality, and Women's Studies at Augsburg College in Minneapolis, Minnesota. Her research focuses on contemporary American youth, examining the ways that youth develop gendered, racial, and sexual subjectivities in different spaces--both physical and virtual. Her work on teenage girls' digital subjectivities has appeared in *Signs: Journal of Women in Culture and Society* and in *Introducing the New Sexuality Studies* (third edition). She is currently working on a book manuscript that examines the salience of gender and race in high school policy debate. Adriane particularly enjoys incorporating digital media into her research, whether as a primary site of data collection--such as Taylor Swift fan forums--or as a means of engaging in traditional research practices--such as using instant messenger to conduct interviews with research subjects. Adriane teaches courses on a wide range of topics, including youth studies, popular culture, feminist theory, and masculinities, in addition to core introductory courses in the field of Gender, Sexuality, and Women's Studies. She also serves as director of the Anne Pedersen Women's Resource Center at Augsburg College. Outside of work, Adriane enjoys hiking, traveling, and eating with her wife, Jess, and their son, Sam.

*Segment One* [00:00-12:17] - In this segment, Adriane shares about some of her research on Taylor Swift fan sites and MySpace.

*Segment Two* [12:18-22:46] - In this segment, Adriane shares about what she learned applying to the IRB for digital research on adolescent girls.

*Segment Three* [22:47-34:02] - In this segment, Adriane discusses what it means to her to be a feminist researcher.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e43/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Define stigmatized
- Discuss challenges associated with research in digital environments
- Provide an example of an online interview tool
- Describe the Institutional Review Board (IRB)
- Discuss recommendations regarding the IRB application process
- Discuss the relationship between feminist research and interdisciplinary research

### Guiding Questions for Listening

- How does Dr. Brown choose which digital environments to research?
- How does Dr. Brown define stigmatized?
- What appear to be some of the challenges associated with researching digital environments?
- What suggestions does Dr. Brown offer for pursuing research in digital environments?
- According to Dr. Brown, why does the online interview response rate appear to be low?
- What online tool has Dr. Brown used during interviews that is “self-transcribing”?
- What appear to be some of the challenges in collecting data from public sites?
- What recommendations does Dr. Brown offer regarding the IRB application process?
- How does Dr. Brown describe feminist research?
- What role does interdisciplinary research play for Dr. Brown?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e43/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e43/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Adriane Brown if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, January 23). *Dr. Adriane Brown on IRB Logistics for Online Research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e43/>

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## Notes

# Dr. Monika Raesch, Dr. Frank Rudy Cooper & Dr. Pat Reeve on Researching as Administrators [31:02]

## Research in Action - Episode 44

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guests are three faculty members from Suffolk University in Boston, MA: Dr. Monika Raesch, associate professor and chair of the Communication and Journalism Department; Dr. Pat Reeve, associate professor and chair of the History Department; and Dr. Frank Rudy Cooper, professor of law, who until recently was the president’s senior advisor for diversity.

Each of these guests have recently experienced taking on administrative roles while also trying to maintain their scholarship and research productivity, so that will be the focus of the discussion

*Segment One* [00:00-20:17] - In this segment, Pat, Frank, and Monika discuss some of the challenges with balancing scholarship with administrative roles.

*Segment Two* [20:18-31:02] - In this segment, Pat, Frank, and Monika share how their perspectives about scholarship changed as they took on administrative roles.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e44/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Define administrative teacher-scholar
- Describe a challenge that may arise within an administrative teacher-scholar’s role
- Discuss suggestions for integrating research and writing into an administrative teacher-scholar’s schedule
- Provide an example of an opportunity that may come out of juggling the roles of an administrator and teacher-scholar

### Guiding Questions for Listening

- How is administrative teacher-scholar defined in this episode?
- What does Dr. Raesch explain is a benefit of an administration perspective to the role of a teacher-scholar?
- According to Dr. Cooper, what has he discovered about scholarship and teaching?
- What appear to be some of the common challenges associated with juggling an administrative role with the role of a teacher-scholar?
- What approach does Dr. Raesch explain has allowed her to “switch modes” as an administrative teacher-scholar?
- What suggestions do Dr. Raesch, Dr. Reeve and Dr. Cooper offer for integrating writing and research into a busy administrative schedule?
- According to Dr. Reeve, what can be “debilitating” in juggling the multiple roles of an administrative teacher-scholar?
- What appears to be a way to maintain accountability with colleagues in similar roles?
- What does Dr. Cooper mention about scholarship and negotiation?
- According to Dr. Raesch, how might an administrative role impact research?

- What opportunities appear to have come out of juggling the roles of an administrator and teacher-scholar?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e44/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e44/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Monika Raesch, Dr. Pat Reeve, and/or Dr. Frank Rudy Cooper if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, January 30). *Dr. Monika Raesch, Dr. Frank Rudy Cooper & Dr. Pat Reeve on Researching as Administrators* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e44/>

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## Notes

# Dr. Monika Raesch, Dr. Frank Rudy Cooper & Dr. Pat Reeve on Writing Groups and the Importance of Self-reflection [35:46]

Research in Action - Episode 45

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

This episode is part two of a two-part episode about researching and writing as administrators. I’m joined by three faculty members from Suffolk University in Boston, MA: Dr. Monika Raesch, associate professor and chair of the Communication and Journalism Department; Dr. Pat Reeve, associate professor and chair of the History Department; and Dr. Frank Rudy Cooper, professor of Law, who until recently was the president’s senior advisor for diversity.

Each of the guests in this episode have recently experienced taking on administrative roles while also trying to maintain their scholarship and research productivity.

*Segment One* [00:00-17:18] - In this segment, Monika, Pat, and Frank discuss their experience of engaging in an academic writing group.

*Segment Two* [17:19-35:46] - In this segment, Pat, Frank and Monika share some concrete examples of their own self-reflective practices.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e45/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Explain the purpose of a writing group
- Review an example of a writing group process
- Discuss potential challenges in writing as an administrative teacher-scholar
- Describe the concept a good practice audit
- Provide an example of a method for self-reflection

## Guiding Questions for Listening

- What writing group process have the guests adopted and found to be successful?
- What incentive does the group use as a way to meet their agreed upon writing times?
- What are some examples of ways each of the guests have experienced a shift in how they approach writing as administrators?
- What does Dr. Raesch point out about “pure writing time”?
- According to Dr. Reeve, what does she explain attributes to the success of their writing group over the past two years?
- What advice does Dr. Reeve offer to administrative teacher-scholars who may be interested form a writing group?
- According to Dr. Cooper, why are in-person check-ins “important for the adaptation of the group”?
- What are the three phases of a good practice audit?
- How has self-reflection affected each of the guests in their roles as teacher-scholars and administrators?
- What is a SWOT analysis?
- According to Dr. Raesch, why does she think self-reflection can never happen in isolation?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e45/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e45/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Monika Raesch, Dr. Pat Reeve, and/or Dr. Frank Rudy Cooper if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, February 6) *Dr. Monika Raesch, Dr. Frank Rudy Cooper @ Dr. Pat Reeve on Writing Groups and the Importance of Self-reflection*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e45/>

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## Notes

# Dr. Sam Johnston on Design-based Research [29:32]

## Research in Action - Episode 46

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Sam Johnston, a research scientist with The Center for Applied Special Technology, or CAST. With support of the Gates Foundation’s Open Professionals Education Network, she recently led the development of UDL On Campus—a collection of online resources to aid postsecondary educators in implementing Universal Design for Learning. Currently, Sam works on the National Center on Accessible Educational Materials (AEM) focusing on postsecondary and workforce take up of AEM. Sam is also a co-principal investigator for a National Science Foundation study on stereotype threat and its impact on inquiry science pedagogy in middle schools. The project will create a prototype web-based professional development course to help middle-school science teachers understand stereotype threat and use UDL to reduce its effects in everyday instruction. Sam’s primary research focus is on the use of networked technology to support peer-to-peer knowledge transfer and she has conducted design-based research in both professional development and formal education settings. Before joining CAST, Sam was a Senior Associate and Distance Educator at the Center for Social Innovation, leading the company’s online learning strategy. Sam holds a BA from McGill University and a masters degree and doctorate in education from Harvard.

*Segment One* [00:00-10:17] - In this segment, Sam offers a definition of design-based research.

*Segment Two* [10:18-18:32] - In this segment, Sam shares some examples of designed-based research based on her work with CAST.

*Segment Three* [18:32-29:32] - In this segment, Sam discusses some of the benefits and challenges of collaborating with vendors on academic research.

*Bonus Clip #1* [00:00-04:10]: Basic vs. Applied Research

*Bonus Clip #2* [00:00-04:26]: Expanding Design-based Research into Higher Education

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e46/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Define design-based research
- Provide an example of design-based research
- Discuss an example of a stereotype threat
- Discuss potential benefits and challenges in collaborating with a vendor on research projects
- Cite resources for design-based research
- Explain the difference between basic and applied research

### Guiding Questions for Listening

- What is design-based research?
- What does Dr. Johnston mention is an important component of design-based research?
- What does Dr. Johnston explain is the goal of design-based research?
- What is the Agile software development process?
- What is an example of a design-based research project?
- What is stereotype threat?
- According to Dr. Johnston, what important role do vendors bring to research?
- What appear to be some of the challenges in collaborating with vendors in research?
- What is the difference between “basic research” and “applied research”? (See also, Bonus Clip #1)
- According to Dr. Johnston, how might designed-based research be applied to a higher education setting? (See also, Bonus Clip #2)



## Possible Activities

- Have students find and read an article where design-based research is included in the methodology for the study. Ask students to share about their articles on a discussion board or in-class and lead a discussion on the range of projects where design-based research can be applicable.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e46/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e46/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Sam Johnston if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, February 13). *Dr. Sam Johnston on Design-based Research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e46/>

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## Notes

# Michael Alley on Best Practices for Presenting Research [30:55]

## Research in Action - Episode 47

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Michael Alley. Holding a master of science in electrical engineering and a master of fine arts in writing, Michael Alley is an associate professor of engineering communication at Penn State. He is the author of *The Craft of Scientific Presentations* (Springer, 2013), which has been translated into Japanese and Chinese. Over the past decade, he has taught presentations to scientists and engineers on four continents, in sixteen countries, and at more than 150 institutions. He has presented at Google, MIT, Harvard Medical School, Texas Instruments, Simula Research Laboratory (Norway), Shanghai Jiao Tong University, and the European Space Organization in the high desert of Chile. Alley’s websites on presentations are top Google listings for the topics of “engineering presentations” and “scientific presentations”.

*Segment One* [00:00-09:35] - In this segment, Michael shares some of what he has learned about making effective research presentations.

*Segment Two* [09:36-16:25] - In this segment, Michael discusses how researchers can be more confident as presenters.

*Segment Three* [16:26-30:55] - In this segment, Michael shares some of his thoughts on PowerPoint and best practices for using the tool.

*Bonus Clip #1* [00:00-02:48]: Tips for Presenting to Non-scientists

*Bonus Clip #2* [00:00-06:39]: The Four Aces for Projecting Confidence

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e47/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Discuss common challenges associated with creating and delivering presentations
- Provide an example of how to project confidence in delivering a presentation
- Explain the importance of preparing for a presentation
- Review the four aces for projecting confidence
- Cite resources for creating and delivering presentations

### Guiding Questions for Listening

- What is the most common question Michael Alley receives with regard to presentations?
- What three pieces of advice does Michael Alley offer as a way to address nervousness?
- What does Michael Alley mean by, “give the talk they want to hear”?
- Based on Michael Alley’s suggestions, how can you project confidence?
- What does Michael Alley explain about the importance of preparation?
- What does Michael Alley say is the antithesis of helping people learn?
- According to Michael Alley, what are the two biggest mistakes people make in using the defaults in PowerPoint?
- Why does Michael Alley suggest building presentations on a “message” as opposed to a “talk”?
- How does Michael Alley suggest presenting supporting evidence?
- What are some of Michael Alley’s suggestions for PowerPoint users in creating scientific presentations?
- What tip does Michael Alley suggest for presenting scientific presentations to non-scientists? (See also, Bonus clip #1)
- What are the four aces for projecting confidence? (See also, Bonus clip #2)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e47/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e47/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Michael Alley if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, February 20). *Michael Alley on Best Practices for Presenting Research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e47/>

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## Notes

# Dr. Laurie Juranek on Research in the Arctic [33:25]

Research in Action - Episode 48

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode, the guest is Dr. Laurie Juranek, an Assistant Professor in the College of Earth, Ocean, and Atmospheric Sciences at Oregon State University. Dr. Juranek studies what the chemistry of seawater tells us about life and death in the ocean. Her research takes her from the warm, aquamarine waters off of Hawaii to the ice-covered Arctic Ocean. When not doing science, she enjoys vegetable gardening, cooking, and weightlifting.

*Segment One* [00:00-10:09] - In this segment, Laurie describes the research questions she explores in her study of life and death in the ocean.

*Segment Two* [10:10-22:17] - In this segment, Laurie shares some of the logistics of her research in the arctic.

*Segment Three* [22:18-33:25] - In this segment, Laurie discusses some of the ways she frames the broader impacts of her research, particularly for grant applications.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e48/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe an example of the type of data collected during research in the Arctic
- Define primary production
- Discuss potential logistical challenges in conducting research in the Arctic
- Provide an example of a broader impact associated with research in the Arctic
- Explain the importance of communication skills in scientific research

## Guiding Questions for Listening

- What are some examples of the types of data Dr. Juranek collects?
- According to Dr. Juranek, how are these data samples collected?
- What is primary production?
- How is Dr. Juranek’s research connected to ocean wildlife?
- What led Dr. Juranek to pursue research in the Arctic?
- What appear to be some of the logistical challenges in conducting research in the Arctic?
- What does Dr. Juranek explain is a cost-effective way research can be conducted in the Arctic?
- What might be some of the limitations of conducting research in the Arctic?
- According to Dr. Juranek, how much time is generally spent pursuing grant funding for this type of research?
- According to Dr. Juranek, what are some of the broader impacts of conducting research in the Arctic?

- What does Dr. Juranek explain about the importance of communication skills in scientific research?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e48/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e48/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Laurie Juranek if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, February 27). *Dr. Laurie Juranek on Research in the Arctic*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e48/>

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## Notes

# Dr. Therese Huston on Drawing Media Attention [35:07]

Research in Action - Episode 49

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode, the guest is Dr. Therese Huston, who is looking to change how we see women as decision-makers. The New York Times calls her book, “How Women Decide,” “required reading on Wall Street.” Therese is a cognitive scientist at Seattle University, where she helps intelligent people make smart choices. She’s written for the New York Times, the Los Angeles Times, Harvard Business Review and The Guardian, and her work has been featured on NPR. In October 2016, Therese gave her first TEDx talk on women and decision-making. Harvard University Press published Therese’s first book, *Teaching What You Don’t Know*, which won a Book of the Year Award in Education from Foreword Literary Reviews.

Therese received her BA from Carleton College, a B.S. and PhD in Cognitive Psychology from Carnegie Mellon University, and completed a post-doctoral fellowship with the Center for the Neural Basis of Cognition at the University of Pittsburgh. She founded the Center for Excellence in Teaching and Learning at Seattle University. When she’s not writing, she loves to travel, play with numbers, spend time with her husband and dog, and bake amazing gluten-free chocolate cake.

*Segment One* [00:00-14:01] - In this segment, Therese shares about how her book *How Women Decide* came to be.

*Segment Two* [14:02-23:39] - In this segment, Therese shares some of the strategies from *How Women Decide* that can be applied to higher education.

*Segment Three* [23:40-35:07] - In this segment, Therese shares about transitioning to a new research area of studying gender in mid-career.

Bonus Clip #1 [00:00-07:37]: Finding and Working with a Literary Agent

Bonus Clip #2 [00:00-03:53]: Benefits of Setting “Tripwires” in Your Professional Life

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e49/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Discuss the purpose of Dr. Huston’s book, *How Women Decide*
- Identify an example of “risk-taking” in higher education
- Review suggestions for finding a literary agent
- Provide an example of Dr. Huston’s method for setting “tripwires” in one’s professional life

## Guiding Questions for Listening

- What does Dr. Huston suggest is “a very standard assumption”?
- What led Dr. Huston to write her book, *How Women Decide*?
- According to Dr. Huston, what has “gone under the radar”?
- How did Dr. Huston prepare for feedback on *How Women Decide* being reviewed by *The New York Times*?
- What surprised Dr. Huston about the media response to *How Women Decide*?
- What advice does Dr. Huston offer to those who may encounter media attention due to a popular book?
- According to Dr. Huston, how does her book, *How Women Decide*, relate to higher education?
- What suggestions does Dr. Huston offer on to those in higher education with regard to “risk-taking”?

- What research topic does Dr. Huston explain she initially “came at very reluctantly”?
- What tips does Dr. Huston offer for finding a literary agent?
- According to Dr. Huston, what is the benefit to setting up “tripwires” in one’s professional life?



## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e49/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e49/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Therese Huston if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, March 6). *Dr. Therese Huston on Drawing Media Attention*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e49/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Chris Goldfinger, Professor of Geology and Geophysics at Oregon State University. Chris’s research interests include subduction earthquakes; mechanics of oblique subduction, accretion and erosion of active margins; seafloor imaging, mapping, and visualization techniques; and seafloor drilling technology. His current work focuses on the investigation of the earthquake potential global subduction zones, including Sumatra, Japan and particularly the Cascadia subduction zone. Chris has been widely quoted by the media for his research, perhaps most noticeably in a 2015 *New Yorker* article called, “The Really Big One” about the potential fallout of a massive Cascadia earthquake.

*Segment One* [00:00-10:55] - In this segment, Chris shares about his research regarding the Cascadia subduction zone.

*Segment Two* [10:56-21:39] - In this segment, Chris shares about the media attention his research received after a *New Yorker* article went viral.

*Segment Three* [21:40-35:18] - In this segment, Chris shares about his work educating the general public about earthquake preparedness.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e50/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Define paleoseismology
- Provide an example of how the public is informed of earthquake preparedness recommendations
- Discuss Dr. Goldfinger’s suggestions for ways scientists can think about how to share research with the media
- Review Dr. Goldfinger’s recommendations for earthquake preparedness in the home and in the workplace

### Guiding Questions for Listening

- What is paleoseismology?
- What is one way indirect evidence of earthquakes is collected?
- According to Dr. Goldfinger, why is it important to “focus on one thing at a time” when conducting subduction research?
- What does Dr. Goldfinger explain is the reason geology is “far behind”?
- How does earthquake preparedness information reach the public?
- What does Dr. Goldfinger explain is “probably a good thing” about some of the responses to the article, *The Really Big One*?
- What advice does Dr. Goldfinger offer to scientists with regard to communicating research to the public?
- What does Dr. Goldfinger explain is a good example as to what might drive scientists away from being involved with the media?
- What are some of Dr. Goldfinger’s recommendations for earthquake preparedness in the home?
- What does Dr. Goldfinger recommend for earthquake preparedness in the workplace?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e50/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e50/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Chris Goldfinger if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, March 13). *Dr. Chris Goldfinger on Reacting to Unexpected Media Attention* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e50/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Sara Goldrick-Rab, the author of *Paying the Price*, and the coauthor of *Reinventing Financial Aid: Charting a New Course to College Affordability*. She has written on education issues for the *New York Times*, the *Chronicle of Higher Education*, and other publications. Goldrick-Rab is currently a Professor of Higher Education Policy and Sociology at Temple University in Philadelphia, and is a former professor of higher education policy and sociology at the University of Wisconsin- Madison.

She is the founding director of the Wisconsin HOPE Lab, the nation’s first laboratory aimed at improving equitable outcomes in postsecondary education. The *Chronicle of Higher Education* recently named her Twitter account (@saragoldrickrab) the most indispensable one to follow.

*Segment One* [00:00-10:47] - In this segment, Sara describes the research discussed in her book *Paying the Price*.

*Segment Two* [10:48-20:52] - In this segment, Sara discusses some of the media attention she received in response to *Paying the Price*.

*Segment Three* [20:53-36:09] - In this segment, Sarah shares some of the benefits and challenges of working with a range of media outlets.

*Bonus Clip* [00:00-04:17]: Creating Your Own Luck with Research

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e51/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Discuss the purpose of Dr. Goldrick-Rab’s book, *Paying the Price*
- Explain the purpose of a communication strategy in preparation for the release of a book
- Provide an example of a publicist’s role in the release of a book
- Review suggestions for preparing for media attention

### Guiding Questions for Listening

- What does Dr. Goldrick-Rab explain was the purpose of writing *Paying the Price*?
- What was Dr. Goldrick-Rab’s approach to obtaining funding support for her study?
- At what point in the development of a project does Dr. Goldrick-Rab think about a dissemination and communication strategy?
- What does Dr. Goldrick-Rab explain about the different ways in which books can be communicated?
- How did Dr. Goldrick-Rab prepare for the anticipated media attention for her book?
- What was Dr. Goldrick-Rab’s approach to being able to reach readers that may not read academic news articles or journals?
- According to Dr. Goldrick-Rab, why did it matter that she had an existing portfolio while seeking a publicist?
- What role did Dr. Goldrick-Rab’s publisher play with regard to media attention during the release of *Paying the Price*?
- How does Dr. Goldrick-Rab describe her experience with the “reality” of media attention?
- While conducting her research study, what does Dr. Goldrick-Rab mention she learned with regard to planning? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e51/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e51/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Sara Goldrick-Rab if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, March 20). *Dr. Sara Goldrick-Rab on Planning and Preparing for Media Attention* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e51/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Kevin Anselmo, the Founder and Principal of Experiential Communications. He helps individuals and groups gain clarity about what to communicate and then works with his clients to disseminate those messages to ensure they are aligned to big-picture goals. His services focus on communications strategy development, media training, PR execution, coaching, workshops and events, primarily for the higher education, research and entrepreneurial communities. He is the author of *Maximize Your Impact: How Academics Can Communicate Knowledge Through Traditional and Digital Media*.

Previously, Kevin was Director of Public Relations for Duke University's Fuqua School of Business and prior to that managed the media relations for IMD in Switzerland. Currently based in Chapel Hill, North Carolina, Kevin lived and worked in Switzerland for eight years and in Germany for two years. He has led public relations initiatives in various countries around the world.

*Segment One* [00:00-15:52] - In this segment, Kevin shares four areas that researchers should consider regarding publicizing their work.

*Segment Two* [15:53-34:28] - In this segment, Kevin shares some concrete steps that researchers can take to prepare for print and on-camera interviews.

*Bonus Clip* [00:00-04:16]: Example of a Shy Researcher Engaging with the Media  
Show notes and a transcript for this episode can be found at:  
<http://ecampus.oregonstate.edu/research/podcast/episode-52/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Define the four foundations of public relations
- Describe the benefits and challenges associated with “earned media”
- Provide an example of “owned media”
- Describe the ABCs of interviewing
- Review strategies for identifying key messages

### Guiding Questions for Listening

- According to Kevin Anselmo, what are the four foundations of public relations?
- How does Kevin Anselmo define “earned media”?
- What appear to be some of the challenges associated with “earned media”?
- According to Kevin Anselmo, what might be a benefit of building relationships with media?
- What is an example of “owned media”?
- What does Kevin Anselmo recommend with regard to “shared” public relations?
- What is an example of audience retargeting?
- What strategies does Kevin Anselmo suggest for identifying key messages?
- What are the ABCs of interviewing?
- What preparation advice does Kevin Anselmo offer for interviewing across different types of media (radio, TV, etc.)?
- How might an interviewee “do their homework” in preparation for an interview?
- In this episode’s bonus clip, how did the researcher overcome his hesitancy to engage with the media?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e52/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e52/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Kevin Anselmo if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, March 27). *Kevin Anselmo on Sharing Your Research in Traditional and Digital Media* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e52/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode, there are two guests:

Dr. Candice Foley, who serves as the STEM Coordinator for all Suffolk County Community College NSF STEM Scholars on three campuses and the Principal Investigator for SCCC’s two consecutive National Science Foundation STEM scholarship grants, the National Institute of Health Institutional Research and Career Development Award grant, and the Long Island Community Foundation Removing Barriers and Strengthening STEM capacity at Suffolk County Community Colleges grants. Dr. Foley has also served on national grant projects involving curricular reform for chemistry education. Her experiences at the State University of New York at Stony Brook, Suffolk County Community College, and Brookhaven National Laboratory has enabled her to focus upon the adaptation and implementation of innovations in classroom learning and undergraduate research through curricular innovation and technology based software for the community college application.

Nina Leonhardt is the Associate Dean for Continuing Education at Suffolk County Community College. Nina oversees a compendium of STEM-oriented programs for pre-college and college students. Most of these programs are funded by New York State Education, Labor and Health departments. Nina has over 35 years of experience in higher education and STEM. She earned an M.S. In Electrical Sciences from Stony Brook University.

*Segment One* [00:00-10:38] - In this segment, Candice and Nina share about their philosophies for teaching research methods.

*Segment Two* [10:39-19:32] - In this segment, Nina and Candice discuss teaching research methods to community college students.

*Segment Three* [19:33-31:58] - In this segment, Candice and Nina share about the online research methods course they developed for off-site students.

*Bonus Clip #1* [00:00-02:57]: Resources for Teaching Research Methods

*Bonus Clip #2* [00:00- 04:47]: Grant Funded Community College Programs for Training in Research Methods

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e53/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe benefits of providing STEM education in a community college setting
- Discuss potential challenges in teaching research methods
- Cite resources for teaching research methods

### Guiding Questions for Listening

- According to Dr. Foley, why are research methods vital to a community college student’s foundation?
- According to Nina Leonhardt, why is it important that students learn to formulate “good questions” as opposed to “just research questions”?
- According to Dr. Foley, why does she believe community college is an undervalued resource in the nation’s need to have more students engaged in STEM education?
- What appear to be some of the challenges associated with teaching research methods in a community college setting?
- According to Nina Leonhardt, what does she mention is part of their role as teachers in equipping students for work in research?
- What are some ways in which students at SCCC are sharing their research outcomes?
- What does Nina Leonhardt share that students tend to discover after presenting their research for the first time?
- What does Dr. Foley explain is the benefit of student research ambassadors going on to connect with “near peers”?



- What funding resource helped lead to the development of the Introduction to Online Research Methods course at SCCC? (See also, Bonus Clip #2)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e53/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e53/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Candice Foley and/or Nina Leonhardt if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, April 3). *Dr. Candice Foley and Nina Leonhardt on Teaching Research Methods* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e53/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the is Dr. Raul Pacheco-Vega, an Assistant Professor in the Public Administration Division of the Center for Economic Teaching and Research (Centro de Investigacion y Docencia Economicas, CIDE) in Mexico. He is a specialist in comparative public policy and focuses on North American environmental politics, primarily sanitation and water governance, solid waste management, neoinstitutional theory, transnational environmental social movements and experimental methods in public policy. His current research programme focuses on the spatial, political and human dimensions of public service delivery. He is also Associate Editor of the Journal of Environmental Studies and Sciences (JESS), and sits on the editorial board of Water International, Global Environmental Politics and several other journals. He is the creator of the weekly hashtag #ScholarSunday.

*Segment One* [00:00-12:01] - In this segment, Raul shares about some of his research on the global politics of sanitation.

*Segment Two* [12:02-21:39] - In this segment, Raul shares some of his strategies for being active at conferences and on social media.

*Segment Three* [21:40-35:01] - In this segment, Raul shares his thoughts on the responsibilities of the researcher when working with vulnerable communities.

*Bonus Clip #1* [00:00-3:16]: Dr. Pacheco-Vega's Work on Advancing Environmental Global Governance

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e54/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe Dr. Pacheco-Vega’s purpose for researching the global politics of sanitation
- Discuss the responsibilities of researchers working with vulnerable populations
- Discuss an example of how research might intersect with politics
- Review suggestions for ways researchers can begin building networks

### Guiding Questions for Listening

- What led Dr. Pacheco-Vega to begin researching the global politics of sanitations?
- How has Dr. Pacheco-Vega found his research intersects with other disciplines?
- What appear to be some of the ethical considerations Dr. Pacheco-Vega encounters with his research?
- What are some examples of the quantitative data Dr. Pacheco-Vega is looking at in his research?
- According to Dr. Pacheco-Vega, how does is his research intersect with politics?
- What does Dr. Pacheco-Vega explain is the “worst form of insecurity”?
- What are some of the ways Dr. Pacheco-Vega remains engaged with the scholar community?
- How did Dr. Pacheco-Vega begin “building networks” as a graduate student?
- How has Dr. Pacheco-Vega utilized social media to engage with other researchers?
- What are some of the tips Dr. Pacheco-Vega offers to researchers looking to become more actively engaged and/or to begin building networks?
- According to Dr. Pacheco-Vega, how is the “local level” connected to the “global level” with his work in advancing environmental global governance? (See also, Bonus Clip)

## Possible Activities

- Have students explore the #ScholarSunday hashtag created by Dr. Pacheco-Vega on Twitter to see if there are any researchers they might want to follow in their discipline.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e54/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e54/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Raul Pacheco-Vega if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, April 10). *Dr. Raul Pacheco-Vega on Being an Actively Engaged Researcher* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e54/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Sarah Carver Williams, the Director of the STEPP Program, a student support program at East Carolina University designed to provide college access and ongoing support for students with learning disabilities. She also serves as Principal Investigator for the College STAR initiative, a grant-funded project focused on helping participating campuses create educational environments that are welcoming for students who have different approaches to learning. Prior to her work with STEPP and College STAR, Sarah was a part of the ECU College of Education faculty and a middle school special education teacher in North Carolina. Sarah received her Bachelor of Science and Master's degree in Special Education from East Carolina University and her PhD in Curriculum and Instruction from the University of North Carolina, Chapel Hill.

*Segment One* [00:00-11:19] - In this segment, Sarah discusses the College STAR program.

*Segment Two* [11:20-21:26] - In this segment, Sarah shares her suggestions for launching a large research project.

*Segment Three* [21:27-31:05] - In this segment, Sarah shares the next steps for the College STAR program and how other institutions can get involved.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/episode/55/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe the College STAR program
- Discuss some of the challenges associated with beginning a significant research endeavor
- Provide an example of how the principles of universal design for learning might be incorporated into a research project
- Review resources for faculty or researchers to become engaged in the College STAR project

### Guiding Questions for Listening

- What is College STAR?
- In addition to providing funding, how have the funders for College STAR supported the project?
- According to Dr. Williams, what has been one of the most exciting parts of the College STAR program?
- How have principals of universal design for learning been a part of the College STAR project?
- What were some of the challenges Dr. Williams experienced at the beginning of her research endeavor?
- Why was it important for Dr. Williams to have quantitative and qualitative research experts engaged in her research endeavor?
- According to Dr. Williams, how has the development and maintenance of a support structure been beneficial to the faculty learning communities involved with the College STAR project?
- How has the College STAR program led to the development of additional classroom resources?
- How can faculty or researchers outside of College STAR become involved in the project?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e55/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e55/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Sarah Carver Williams if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, April 17). *Dr. Sarah Carver Williams on Starting a Significant Research Endeavor* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e55/>

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## Notes

# Dr. Kyle Niemeyer on Open Science [34:19]

## Research in Action - Episode 56

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Kyle Niemeyer, an Assistant Professor of Mechanical Engineering in the School of Mechanical, Industrial, and Manufacturing Engineering at Oregon State University. His research focuses on developing new computational tools to better simulate important physical phenomena, including combustion, turbulence-chemistry interactions, and fluid dynamics. Kyle is also an advocate for open science and reproducibility in computational science.

*Segment One* [00:00-12:27] - In this segment, Kyle shares about his current research and how it influences future projects.

*Segment Two* [12:28-23:07] - In this segment, Kyle discusses his passion for open science.

*Segment Three* [23:08-34:19] - In this segment, Kyle shares about his experience as an editor with several open science journals.

*Bonus Clip #1* [00:00-04:35]: Perceived Drawbacks of Open Science

*Bonus Clip #2* [00:00-02:26]: Dr. Kyle Niemeyer’s Podcasting Experience

*Bonus Clip #3* [00:00-04:26]: Standardizing Data and Software Citations

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e56/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Explain the three pillars of open science
- Describe some of the accessibility challenges associated with open science literature
- Cite resources for open science work
- Review suggestions for journal editors regarding peer reviews
- Discuss the perceived drawbacks of open science

### Guiding Questions for Listening

- What appear to be some of the funding considerations involved in Dr. Niemeyer’s research?
- According to Dr. Niemeyer, what are some factors that might affect a researcher’s progress on a project?
- What does Dr. Niemeyer mention is a benefit of his position as a faculty member?
- What does Dr. Niemeyer explain contributes to being a successful faculty member?
- What appear to be some of the challenges associated with accessing “open access” literature?
- What does Dr. Niemeyer explain is a “very practical motivation” with regard to reproducibility in open science?
- What recommendations does Dr. Niemeyer offer to those looking to become more involved in open science?
- What advice does Dr. Niemeyer offer to editors regarding participation in peer reviews?
- According to Dr. Niemeyer, what are some of the perceived drawbacks of open science? (See also, Bonus Clip #1)
- What does Dr. Niemeyer explain about the importance of citing software utilized during a research project? (See also, Bonus Clip #3)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e56/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e56/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Kyle Niemeyer if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, April 24). *Dr. Kyle Niemeyer on Open Science* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e56/>

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## Notes



# Dr. Carole Sargent on Publishing in Top Journals [35:14]

## Research in Action - Episode 57

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Carole Sargent, founding Director of the Office of Scholarly Publications at Georgetown University, and CEO of a global nonprofit, Academic Authors. Sargent guides faculty to high-impact scholarly publishing for tenure and promotion. She has a PhD from UVA and publishes in eighteenth-century studies.

*Segment One* [00:00-13:57] - In this segment, Carole shares some of her tips for learning about top-ranked peer-reviewed journals in your field.

*Segment Two* [13:58-35:14] - In this segment, Carole shares some of her suggestions for getting your article published in a top-ranked peer-reviewed journal.

*Bonus Clip #1* [00:00-05:48]: Journal Editing and Peer Review

*Bonus Clip #2* [00:00-14:19]: Turning a Journal Article into a Book

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/episode/57/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe factors that contribute to top peer-reviewed journals
- Discuss considerations for assessing a journal’s impact factor
- Provide an example of challenges associated with journal article submissions
- Review suggestions for submitting articles to top journals

### Guiding Questions for Listening

- How does Dr. Sargent define a top peer-reviewed journal?
- What are Dr. Sargent’s suggestions for ways researchers can search out top journals in their field?
- According to Dr. Sargent, what is a “silent mentor”?
- According to Dr. Sargent, what are some considerations to take into account when assessing a journal’s impact factor?
- How does Dr. Sargent explain that it can “be easier” to pursue publication in top journals?
- What does Dr. Sargent explain about the use of abstracts?
- According to Dr. Sargent, what are some possible challenges associated with journal article submissions?
- What are some of Dr. Sargent’s recommendations for ways authors can familiarize themselves with a journal prior to submitting an article?
- How does Dr. Sargent suggest an author could reach out to a journal’s editor or editorial board?
- What are some of the questions Dr. Sargent recommends asking of journal editors?
- According to Dr. Sargent, why should peer reviewers keep to a “lean minimum” in their reviews? (See also, Bonus Clip #1)
- What factors does Dr. Sargent recommend authors consider regarding transitioning an article to a book? (See also, Bonus Clip #2)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e57/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e57/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Carole Sargent if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, May 1). *Dr. Carole Sargent on Publishing in Top Journals* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e57/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Gerd Kortemeyer. Dr. Kortemeyer received his Diplom (“Masters”) in Physics from the University of Hannover, Germany, and his Ph.D. in Physics from Michigan State University. He is an Associate Professor of Physics Education at Michigan State University with a joint appointment between the Lyman Briggs College and the Department of Physics and Astronomy. He is also the Director of the LON-CAPA (<http://www.lon-capa.org/>). His research interest is the effective use of technology in science education, with a particular focus on assessment, analytics, and gamification.

*Segment One* [00:00-11:44] - In this segment, Gerd shares about how he got started researching online learning.

*Segment Two* [11:45-23:48] - In this segment, Gerd discusses some of his research regarding the work habits of online students.

*Segment Three* [23:49-35:27] - In this segment, Gerd shares about his upcoming projects, including one on educational video games.

Show notes and a transcript for this episode can be found at:  
<http://ecampus.oregonstate.edu/research/podcast/e58/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Discuss some of the challenges in conducting online educational research
- Provide an example of student data that can be collected in an online learning environment
- Explain some of the interpretive challenges associated with student data collected in an online learning environment
- Describe some of the benefits and challenges in developing educational video games

### Guiding Questions for Listening

- What led Dr. Kortemeyer to begin researching in online learning?
- What appear to be some of the challenges in conducting online educational research?
- According to Dr. Kortemeyer, what are some of the differences and similarities in conducting educational research compared to research in physics?
- What does Dr. Kortemeyer advise pre-tenure members to “find out” about pursuing research in online education as it relates to scholarship of teaching and learning?
- What does Dr. Kortemeyer explain is “opportunistic” about collecting student data in an online learning environment?
- According to Dr. Kortemeyer, what is important to remember with regard to data interpretation and statistics?
- What are some examples of student data that can be collected in an online learning environment?
- What appear to be some of the challenges with interpreting student data collected from an online learning environment?
- What have been some of the outcomes of Dr. Kortemeyer’s research regarding online homework?
- What does Dr. Kortemeyer explain are some of the learning goals he is aiming to address in developing educational video games?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e58/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e58/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Gerd Kortemeyer if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, May 8). *Dr. Gerd Kortemeyer on Researching in Online Learning* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e58/>

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## Notes

#### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode, Dr. Katie Linder, the Ecampus research director at Oregon State University, shares some basics of the Institutional Review Board (IRB) review process and application.

*Segment One* [00:00-10:08] - In this segment, Katie discusses some of the fundamental components of the IRB that researchers should know.

*Segment Two* [10:09-19:38] - In this segment, Katie describes the common elements of IRB applications.

*Segment Three* [19:39-29:48] - In this segment, Katie offers some tips for success when working with an IRB committee.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e59/>

#### Learning Outcomes

By listening to this episode, students will be able to:

- Describe the purpose of the IRB
- Provide an example of an exempt project
- Discuss the three levels of the IRB review process
- Describe common components of a protocol document
- Review Dr. Linder’s tips for success in working with an IRB committee

#### Guiding Questions for Listening

- What is the IRB?
- What is the purpose of the IRB?
- What is the purpose of the CITI program?
- What are some examples of characteristics that might classify a project as “exempt”?
- What are the three levels of the IRB review process?
- What are some examples of vulnerable populations?
- According to Dr. Linder, what might be the benefit of incorporating a “buffer” period in your project timeline for the IRB review process?
- What are some common components of a protocol document?
- What are some examples of recruitment materials that need to be collected and submitted as a part of an IRB application?
- According to Dr. Linder, how can strong IRB applications “breed” strong IRB applications?
- What are some of Dr. Linder’s tips for success in working with an IRB committee?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e59/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e59/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Katie Linder if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, May 15). *Dr. Katie Linder on IRB Basics* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e59/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Christopher McKnight Nichols is Associate Professor of History at Oregon State University and Director of OSU's Center for the Humanities. He specializes in the history of the United States and its relationship to the rest of the world, particularly in the areas of isolationism, internationalism, and globalization. In addition, he is an expert on modern U.S. intellectual, cultural, and political history, with an emphasis on the Gilded Age and Progressive Era (1880-1920) through the present. He is author of *Promise and Peril: America at the Dawn of a Global Age* (Harvard UP, 2011, 2015), co-editor and co-author, *Prophesies of Godlessness: Predictions of America's Imminent Secularization from the Puritans to the Present Day* (Oxford UP, 2008), Senior Editor, *Oxford Encyclopedia of American Military and Diplomatic History* (2013), co-editor, *Wiley Blackwell Companion to the Gilded Age and Progressive Era* (2017), and co-organizer and co-editor of the forthcoming *Rethinking Grand Strategy* (Oxford). He is at work on several new book projects. Nichols is a frequent commentator on air, online, and in print on the historical dimensions of contemporary U.S. foreign policy and politics. He is a 2016 Andrew Carnegie Fellow and is a permanent member of the Council on Foreign Relations.

*Segment One* [00:00-10:42] - In this segment, Chris shares about some of his current research on isolationism.

*Segment Two* [10:43-21:03] - In this segment, Chris shares about his experience directing Oregon State's Center for the Humanities.

*Segment Three* [21:04-33:27] - In this segment, Chris discusses his strategies for sharing his research more broadly.

*Bonus Clip #1* [00:00-04:34]: The Process of Being Nominated for a Carnegie Fellowship

*Bonus Clip #2* [00:00-06:46]: Defining Isolationism

*Bonus Clip #3* [00:00-05:02]: Chris's Work as a Carnegie Fellow

*Bonus Clip #4* [00:00-06:29]: Chris's Interpretation of Grand Strategy

*Bonus Clip #5* [00:00-05:25]: Chris's Interpretation of Grand Strategy

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e60/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Discuss challenges associated with offering public commentary as an academic
- Describe the process of being nominated for a Carnegie Fellow
- Define isolationism
- Provide an example of grand strategy
- Discuss similarities and differences between isolationism and internationalism

### Guiding Questions for Listening

- According to Dr. Nichols, how do “the questions of the present inform all of our work” with regard to research?
- What led Dr. Nichols to start the Citizenship and Crisis Initiative at OSU?
- According to Dr. Nichols, how does public commentary evolve, especially for an academic?
- What does Dr. Nichols consider as one of the most important things the Carnegie Fellows program provides to a researcher? (See also, Bonus Clip #3)
- What is an example of grand strategy? (See also, Bonus Clip #4)

- What appear to be some similarities and differences between isolationism and internationalism? (See also, Bonus Clip #5)



## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e60/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e60/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Christopher McKnight Nichols if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, May 22). *Dr. Christopher McKnight Nichols on the Importance of the Humanities* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e60/>

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## Notes

# Dr. Jennifer Herman on Writing Retreats [33:15]

## Research in Action - Episode 61

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Jennifer Herman, the first permanent director of the Center of Excellence in Teaching at Simmons College. In this role, she develops and offers research-based professional development opportunities for faculty around teaching and scholarship and provides structured support for curriculum design at all curricular levels. She is currently a co-PI on three major grant-funded projects, regularly presents at both national and international conferences, and facilitates multiple high-impact signature programs, including course design institutes, a teaching institute for Harvard Medical School, and faculty writing retreats. She has also worked as a curriculum development consultant and faculty writing coach for over 10 years, including designing training programs and curricula for the U.S. Department of State and the New York State Small Business Development Center. She currently teaches education courses in the Health Professions Education doctoral program, and also has extensive teaching experience in writing, literature, and GMAT, GRE, and SAT test prep courses. Previously, Jennifer was the founding Director of the Center for the Advancement of Scholarship, Teaching, and Learning at Niagara University. She received her PhD in Higher Education from the University at Buffalo and her MA in International Training and Education from American University.

*Segment One* [00:00-10:19] - In this segment, Jennifer shares about how she prioritizes research as a full-time administrator.

*Segment Two* [10:20-21:25] - In this segment, Jennifer discusses some of the benefits of communal writing retreats.

*Segment Three* [21:26-33:15] - In this segment, Jennifer

explains some of the logistics of working with a writing coach.

*Bonus Clip #1* [00:00-02:50]: Prioritizing Research Projects

*Bonus Clip #2* [00:00-03:50]: Juggling Multiple Writing Pipelines

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e61/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Discuss challenges associated with balancing research priorities as an administrator
- Describe important components of a writing retreat
- Discuss some of the benefits of a writing retreat
- Explain the purpose of a writing coach
- Review suggestions for seeking out a writing coach

### Guiding Questions for Listening

- What does Dr. Herman explain she has found to be most effective in balancing administrative responsibilities with research priorities?
- According to Dr. Herman, why should most administrators *not* be engaging in research?
- What does Dr. Herman mention primarily dictates when and how she writes?
- What does Dr. Herman explain are some of the primary goals of a writing retreat?
- According to Dr. Herman, what are some important components of a writing retreat?
- What appear to be some of the overall benefits of a writing retreat?
- What is the purpose of a writing coach?
- According to Dr. Herman, why is it better to have a writing coach that does not have a background in the content in which you are writing?

- What does Dr. Herman suggest is one of the best ways to seek out a writing coach?
- What is the “expert blind spot”?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e61/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e61/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Jennifer Herman if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, May 29). *Dr. Jennifer Herman on Maintaining a Research Pipeline* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e61/>

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## Notes

# Dr. Ethan McMahan on Researching Happiness [33:23]

## Research in Action - Episode 62

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Ethan McMahan, an Associate Professor in the Department of Psychological Sciences at Western Oregon University. His research interests focus on hedonic and eudaimonic approaches to well-being, folk conceptions of happiness, and the relationship between nature and human well-being. His recent work examines how exposure to immersive simulations of natural environments impacts concurrent emotional state and, more broadly, how regular contact with natural environments may be one route by which individuals achieve optimal feeling and functioning. He has published in the *Journal of Positive Psychology*, the *Journal of Happiness Studies*, *Personality and Individual Differences*, and *Ecopsychology*, among other publications. He completed his undergraduate training at the University of Colorado at Colorado Springs and holds a Ph.D. in Experimental Psychology from the University of Wyoming.

*Segment One* [00:00-18:21] - In this segment, Ethan describes the instruments researchers use to measure happiness.

*Segment Two* [18:21-33:23] - In this segment, Ethan shares strategies that researchers can use to be happier.

*Bonus Clip* [00:00-05:03]: How Ethan Got Started as a Happiness Researcher

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e62/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe how components of happiness can be measured for research
- Provides examples of implicit and explicit measures of emotion
- Discuss some of Dr. McMahan’s findings about the relationship of happiness and natural environments
- Review Dr. McMahan’s suggestions for researchers regarding happiness

### Guiding Questions for Listening

- According to Dr. McMahan, why is the term *happiness* an ill-defined term?
- According to Dr. McMahan, how can certain components of happiness be measured in research?
- What is an example of an explicit measure of emotion?
- According to some of Dr. McMahan’s research findings, what did people tend to believe about happiness and pain?
- What trends does Dr. McMahan explain empirical literature has found about the relationship between natural environments and happiness?
- What has Dr. McMahan discovered in his own research about the relationship of happiness and natural environments?
- What are some of Dr. McMahan’s suggestions for researchers regarding happiness?
- According to Dr. McMahan, why does he think there is a complicated relationship between stress and happiness?
- What led Dr. McMahan to researching happiness? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e62/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e62/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Ethan McMahan if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, June 5). *Dr. Ethan McMahan on Researching Happiness* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e62/>

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## Notes

# Dr. Nyasha Junior on Text-based Research [35:26]

## Research in Action - Episode 63

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### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Nyasha Junior, an Assistant Professor of Hebrew Bible in the Department of Religion at Temple University in Philadelphia. She holds a Ph.D. in Old Testament from Princeton Theological Seminary. She is the author of *An Introduction to Womanist Biblical Interpretation* (Westminster John Knox Press, 2015). Visit [nyashajunior.com](http://nyashajunior.com) and follow her on Twitter @NyashaJunior.

*Segment One* [00:00-13:12] - In this segment, Nyasha shares about her book and current research project.

*Segment Two* [13:13-23:07] - In this segment, Nyasha shares what it is like to conduct text-based research.

*Segment Three* [23:08-35:26] - In this segment, Nyasha discusses strategies she uses to promote her work such as developing a professional website.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e63/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Define the term *womanist*
- Describe text-based research
- Provide an example of text-based research
- Describe some of the resource-related challenges that may arise in text-based research
- Review suggestions for starting a professional website

### Guiding Questions for Listening

- Where did the term *womanist* originate?
- What does Dr. Junior explain led her to write, *An Introduction to Womanist Biblical Interpretation*?
- What is text-based research?
- According to Dr. Junior, what are some of the benefits that have come from conducting text-based research in her work?
- What does Dr. Junior explain have been some of the resource-related challenges in conducting text-based research?
- What advice does Dr. Junior offer to those who may be starting their own professional website?
- How did Dr. Junior seek out a web designer?
- How did Dr. Junior utilize social media as a way to promote her book prior to the book’s completion?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e63/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e63/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Nyasha Junior if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, June 12). *Dr. Nyasha Junior on Text-based Research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e63/>

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## Notes



# Dr. Kevin Ahern on Supporting Undergraduate Researchers [31:16]

Research in Action - Episode 64

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Kevin Ahern, a Professor of Biochemistry/Biophysics who has taken a very non-traditional path to becoming a professor. A Beaver alum, Ahern received his Ph.D from OSU in 1986 and after post-doctoral work at UCSD, rejoined OSU as a business manager in 1989. Transitioning to the instructional ranks in 1995, Ahern served there until he was promoted from Senior Instructor to Professor in 2014, a rank he currently holds. Along the way, Ahern served as a scientific writer and editor with stints as contributing editor of *Science Magazine*, *BioTechniques*, and *Genetic Engineering News*. His YouTube instructional videos have over 4,000,000 views and his three open educational resource textbooks have saved students almost \$50,000,000.

*Segment One* [00:00-11:58] - In this segment, Kevin shares about some of the creative writing he does as a scientist.

*Segment Two* [11:59-19:58] - In this segment, Kevin shares his experience supporting undergraduate researchers.

*Segment Three* [19:59-31:16] - In this segment, Kevin describes some strategies for effectively mentoring undergraduate researchers.

*Bonus Clip #1* [00:00-4:20]: Success Stories of Undergraduate Research

*Bonus Clip #2* [00:00-4:34]: Creating Open Educational Resources

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e64/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Provide an example of how YouTube could be utilized for educational delivery
- Explain the purpose of undergraduate research
- Describe the purpose of a mentor
- Cite and define OERs

## Guiding Questions for Listening

- What does Dr. Ahern explain initially led him to begin writing *Metabolic Melodies*?
- According to Dr. Ahern, what is the most important thing you can do as a writer?
- What does Dr. Ahern explain helps with his own instruction as a professor?
- What are the various ways Dr. Ahern utilizes YouTube for educational delivery?
- What does Dr. Ahern share have been some of the most creative student responses to his limericks?
- How does Dr. Ahern describe undergraduate research?
- According to Dr. Ahern, what is the best way for a student to improve their educational gains at school?
- In Dr. Ahern’s experience, what might be some outcomes of participating in undergraduate research?
- How does Dr. Ahern describe the role of a mentor?
- What insight does Dr. Ahern share for those looking to navigate Open Educational Resources? (see also, Bonus Clip #2)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e64/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e64/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they Dr. Kevin Ahern if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, June 19). *Dr. Kevin Ahern on Supporting Undergraduate Researchers* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e64/>

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## Notes

# Dr. Micky Lee on Balancing Research and Parenting [34:33]

Research in Action - Episode 65

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Micky Lee, an Associate Professor of Media Studies and the Program Director of Asian Studies at Suffolk University, Boston. She has published one book, 19 journal articles and numerous essays on feminist political economy; telecommunications, new information and communication technologies; and media, information, and finance.

*Segment One* [00:00-11:12] - In this segment, Micky shares some of her thoughts on balancing research and being a parent.

*Segment Two* [11:13-18:28] - In this segment, Micky discusses the support structures and productivity strategies that help her research as a parent.

*Segment Three* [18:29-34:33] - In this segment, Micky recommends productivity strategies that help her research as a parent.

*Bonus Clip #1* [00:00-07:04]: Choosing Long-term Projects as the Parent of a Young Child

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e65/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Review suggestions for productivity tactics for successful tenure
- Provide an example of a support structure
- Discuss considerations and suggestions for creating a 5-year plan
- Cite resources for creating a 5-year plan

## Guiding Questions for Listening

- According to Dr. Lee, how has parenthood affected her academic life and responsibilities?
- What strategies does Dr. Lee share have allowed her to manage some of the challenges encountered as a scholar and a parent?
- What suggestions does Dr. Lee offer for seeking out support structures?
- What are some of the productivity tactics Dr. Lee shares for successful tenure?
- According to Dr. Lee, what appear to be some of the benefits of creating a 5-year plan?
- What are some of the considerations Dr. Lee mentions she has taken into account with a 5-year plan?
- What advice does Dr. Lee offer to those balancing parenthood and tenure?
- According to Dr. Lee, what appear to be some of the structural difficulties in academia?
- What suggestions does Dr. Lee offer for ways to consider and choose long-term projects as the parent of a young child? (see also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e65/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e65/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Micky Lee if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, June 26). *Dr. Micky Lee on Balancing Research and Parenting* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e65/>

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## Notes

# Dr. John Nychka on Creating a Professional Philosophy [34:40]

Research in Action - Episode 66

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. John Nychka, Associate Professor, Chemical and Materials Engineering, Associate Dean of Teaching and Learning, Faculty of Graduate Studies and Research, Vargo Teaching Chair, and Adjunct Associate Professor in the School of Dentistry at the University of Alberta. John graduated from the University of Alberta in 1997 with a Bachelors of Science in Metallurgical Engineering, then went on to earn his Masters in Engineering from McMaster University in 1999 and his PhD from the University of California Santa Barbara in 2004. He stayed on at Santa Barbara as a post doc, and then moved to become an assistant professor in Chemical and Materials Engineering at the University of Kentucky from 2005 to 2007. In 2007 he returned home to Edmonton to join the University of Alberta. He teaches introductory materials engineering, communication, and capstone design courses, and his research is primarily about structural materials.

*Segment One* [00:00-11:53] - In this segment, John shares about the different components of his research on materials.

*Segment Two* [11:54-21:16] - In this segment, John describes the professional philosophy he uses to guide his research, teaching, and service.

*Segment Three* [21:17-34:40] - In this segment, John shares about the importance of embracing failure as a researcher.

*Bonus Clip #1* [00:00-7:16]: John's CV of Failures

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e66/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Discuss the purpose of researching materials
- Describe Dr. Nychka’s professional philosophy of “Materials at the Interface”
- Cite resources for “Materials at the Interface”
- Review suggestions for approaching failure

## Guiding Questions for Listening

- How does Dr. Nychka research materials?
- How does Dr. Nychka describe the process, properties, and performance paradigm?
- According to Dr. Nychka, what is the purpose of researching materials?
- What are some examples of the materials with which Dr. Nychka works?
- What might be some of the broader impacts of Dr. Nychka’s work?
- What led Dr. Nychka to develop his professional philosophy of “Materials at the Interface”?
- According to Dr. Nychka, what has been the benefit of having a professional philosophy?
- How does Dr. Nychka view and describe failure?
- How does Dr. Nychka describe the difference between growth mindset and fixed mindset?
- According to Dr. Nychka, how can one benefit from “failing on purpose”?
- What does Dr. Nychka suggest are two ways one can look at failures? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e66/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e66/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. John Nychka if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, July 3). *Dr. John Nychka on Creating a Professional Philosophy* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e66/>

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## Notes

# Dr. Loraine McKay and Dr. Sue Monk on Being Early-career Researchers [30:48]

Research in Action - Episode 67

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, there are two guests:

Dr. Loraine McKay is a lecturer at Griffith University in Queensland, Australia, where she teaches in preservice and post graduate teacher education programs. Her teaching areas include inclusive education and literacy intervention. Loraine’s research interests align strongly with her passion for teaching. The topic for her PhD focused on the sociocultural factors that influence preservice teachers’ beliefs and practice during the transition into the profession, an area of interest drawn from her role as a beginning teacher mentor and university tutor. Her current research centers on developing teacher-identity and teachers’ capacity to work with students with learning difficulties.

Dr. Sue Monk is a lecturer in the School of Education and Professional Studies at Griffith University, Queensland, Australia. Her PhD, in the areas of ethnomusicology and Latin-American studies, investigated the relationship between the artist and the state in Cuba, specifically the role of the music. She works with qualitative methodologies and draws on critical interculturalism and postcolonial frameworks. In transferring her research to the education field, she currently teaches in the field of sociology of education. Her current research investigates ‘funds of knowledge’ (Moll et al) amongst Latin American communities in her city, specifically amongst mothers and daughters. Her book *The Politics of Differentiation in Education* was published by Routledge in October 2016.

*Segment One* [00:00-16:27] - In this segment, Loraine and Sue share about their experiences as early-career researchers.

*Segment Two* [16:28-30:48] - In this segment, Sue and

Loraine discuss some of the challenges of being an early-career researcher.

*Bonus Clip #1* [00:00-4:40]: Completing Multiple Revisions on a Journal Article

*Bonus Clip #2* [00:00-11:53]: What Loraine and Sue Wish People Knew About Early-career Academics

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e67/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define the term “early-career researcher”
- Provide an example of a support structure for an early-career researcher
- Discuss some of the common challenges early-career researchers might encounter

## Guiding Questions for Listening

- How do Dr. Monk and Dr. McKay define the term “early-career researcher”?
- How does Dr. Monk explain that one can be an early-career academic at any age?
- According to Dr. McKay and Dr. Monk, what are some of the limitations with the term “early-career researcher”?
- What do Dr. Monk and Dr. McKay explain have allowed them to make better use of the supports that the university provides?
- What are some examples of the activities Dr. McKay and Dr. Monk have incorporated into their support group meetings?
- What do Dr. Monk and Dr. McKay share were beneficial experiences to them when starting out as early-career researchers?
- According to Dr. McKay and Dr. Monk, what appear to be some common misconceptions about early-career academics?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e67/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e67/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Loraine McKay and Dr. Sue Monk if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, July 10). *Dr. Loraine McKay and Dr. Sue Monk on Being Early-career Researchers* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e67/>

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## Notes



## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Dan Faltesek, Assistant Professor of Social Media, New Media Program in the School of Arts and Communication at Oregon State University. Dan’s work connects the structural factors that confine social media companies and the actual interfaces of social networks. He explores how court decisions, technical standards, and financing shape online experience.

*Segment One* [00:00-17:35] - In this segment, Dan shares some of the challenges of working with a research area that's constantly changing.

*Segment Two* [17:36-35:04] - In this segment, Sue and Loraine discuss some of the challenges of being an early-career researcher.

*Bonus Clip #1* [00:00-4:12]: The Responsibility of Social Media Platforms to Respond to Trolls

*Bonus Clip #2* [00:00-3:56]: Dan Recommends Ways to Stop Fake News

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e68/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define the term “new media”
- Discuss some of the challenges associated with researching social media
- Describe how political factors might affect social media
- Review suggestions for ways academics could engage in social media

## Guiding Questions for Listening

- How does Dr. Faltesek define the term “new media”?
- How has the trajectory of Dr. Faltesek’s research changed over time?
- What were some of the challenges Dr. Faltesek encountered in his earlier research on television networks?
- What are some of Dr. Faltesek’s current research questions?
- In what ways are Dr. Faltesek’s research areas interdisciplinary?
- How does Dr. Faltesek explain he remains current with the constantly changing field of media?
- What does Dr. Faltesek explain are some of the political factors that affect social media?
- What has Dr. Faltesek observed about student awareness of social media engagement?
- What are some of Dr. Faltesek’s suggestions for ways academics could engage in social media?
- What does Dr. Faltesek explain about the responsibility of social media platforms to respond to “internet trolls”? (See also, Bonus Clip #1)
- What are Dr. Faltesek’s suggestions for stopping “fake news”? (See also, Bonus Clip #2)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e68/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e68/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Daniel Faltesek if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, July 17). *Dr. Daniel Faltesek on Researching New Media* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e68/>

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## Notes

# Dr. Tasha Wyatt on Unexpectedly Transitioning to a New Research Area [35:13]

Research in Action - Episode 69

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Tasha Wyatt, an Educational Researcher at the Educational Innovation Institute at the Medical College of Georgia. Prior to this position at Augusta University, she facilitated professional development at the University of Hawaii where she implemented a program that taught pre-service and in-service teachers pedagogical strategies best-suited for teaching culturally and linguistically diverse students. Within health sciences research, her interests include assisting students to develop patient ownership, developing educational researchers, and leveraging the cultural assets of faculty and students in medicine.

*Segment One* [00:00-13:07] - In this segment, Tasha shares how she found herself unexpectedly transitioning to a new research.

*Segment Two* [13:08-23:08] - In this segment, Tasha shares how she keeps on foot in her original discipline while also working in a new research area.

*Segment Three* [23:08-35:13]: In this segment, Tasha shares about some of her current projects.

*Bonus Clip #1* [00:00-5:34]: Tasha Discusses the Identity Confusion of Transitioning to a New Research Area

*Bonus Clip #2* [00:00-3:56]: The Importance of Reflection for Researchers

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e69/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Provide an example of how research skills can be transferrable between different research areas
- Describe some of the challenges researchers may encounter in transitioning to new research areas
- Discuss an example of some of the benefits a researcher may encounter in transitioning to a new research area
- Review strategies for practicing self-reflection as a researcher

## Guiding Questions for Listening

- What did Dr. Wyatt discover about the transferability of her skills from her former research area to a new research area?
- What does Dr. Wyatt explain is one of the reasons she wanted share her story on the RIA podcast?
- What does Dr. Wyatt describe are some of the unexpected benefits she has encountered as a result of this transition into a new research area?
- How does Dr. Wyatt explain she has been able to draw from her experience working in indigenous education and apply it to her current research area?
- What are some transition strategies Dr. Wyatt offers to researchers who may be moving into a new research area?
- How and why does Dr. Wyatt remain engaged in her former research field?
- According to Dr. Wyatt, what is an important question for researchers to ask themselves?
- What does Dr. Wyatt explain she learned about the impact of transitioning to a new research area on her research identity? (See also, Bonus Clip #1)
- How does Dr. Wyatt schedule time for self-reflection? (See also, Bonus Clip #2)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e69/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e69/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Tasha Wyatt if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, July 24). *Dr. Tasha Wyatt on Unexpectedly Transitioning to a New Research Area* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e68/>

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## Notes

# Dr. Stephan Lewandowsky on Distrust of Science [38:03]

Research in Action - Episode 70

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Stephan Lewandowsky, a cognitive scientist at the University of Bristol. He was an Australian Professorial Fellow from 2007 to 2012, and was awarded a Discovery Outstanding Researcher Award from the Australian Research Council in 2011. He received a Wolfson Research Fellowship from the Royal Society upon moving to the UK in 2013. He was appointed a Fellow of the Academy of Social Science in 2017. In 2016, he was appointed a fellow of the Center for Skeptical Inquiry for his commitment to science, rational inquiry and public education.

His most recent research interests examine the potential conflict between human cognition and the physics of the global climate, which has led him into research in climate science and climate modeling. He has published more than 150 scholarly articles, chapters, and books, including numerous papers on how people respond to corrections of misinformation and what variables determine people’s acceptance of scientific findings. He has also contributed around 50 opinion pieces to the global media on issues related to climate change “skepticism” and the coverage of science in the media. He is currently serving as Digital Content Editor for the Psychonomic Society and blogs routinely on cognitive research at [www.psychonomic.org](http://www.psychonomic.org).

*Segment One* [00:00-10:04] - In this segment, Steve shares about his research relating memory and misinformation.

*Segment Two* [10:05-21:26] - In this segment, Steve discusses some of his research studies related to distrust of science.

*Segment Three* [21:27-38:03]: In this segment, Steve

describes the concept of techno-cognition as one response to a post-truth era.

Bonus Clip #1 [00:00-02:34]: Examples of the Relationship Between Knowledge and Belief

*Bonus Clip #2* [00:00-05:20]: Building a Computational Model

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e70/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define skepticism
- Describe motivated cognition
- Provide an example of techno-cognition
- Compare and contrast the relationship between knowledge and belief

## Guiding Questions for Listening

- How does Dr. Lewandowsky define skepticism?
- What is motivated cognition?
- How does Dr. Lewandowsky explain the connection between motivated cognition and confirmation bias?
- According to Dr. Lewandowsky, why does there appear to be a distrust of science?
- According to Dr. Lewandowsky, what is the “post-truth era”?
- What is techno-cognition?
- What is an example of techno-cognition?
- According to Dr. Lewandowsky, what is a “filter bubble”?
- How does Dr. Lewandowsky explain the relationship between knowledge and belief? (See also, Bonus Clip #1)
- What is a computational model? (See also, Bonus Clip #2)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e70/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e70/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Stephan Lewandowsky if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, July 31). *Dr. Stephan Lewandowsky on Distrust of Science* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e70/>

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## Notes

# Dr. Marleah Dean Kruzel on Combining the Personal and the Professional in Research [32:40]

Research in Action - Episode 71

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Marleah Dean Kruzel, an Assistant Professor in Health Communication at the University of South Florida in Tampa. Dr. Dean Kruzel studies patient-provider health communication and is currently examining genetics and risk communication in hereditary cancer. Her research has been published in journals such as *Social Science & Medicine*, *Health Communication*, *Academic Medicine*, *Patient Education & Counseling*, *Journal of Health and Mass Communication*. A BRCA2-positive patient herself, Dr. Dean Kruzel is committed to translating her research into practice, which is why she volunteers for Facing Our Risk of Cancer Empowered (FORCE) and maintains a blog called “The Patient and The Professor.”

*Segment One* [00:00-10:49] - In this segment, Marleah shares her experience of being a BRCA2-positive patient while researching patient-provider health communication.

*Segment Two* [10:50-22:12] - In this segment, Marleah discusses the methods she uses to share her research with diverse audiences.

*Segment Three* [22:13-32:40]: In this segment, Marleah discusses her experience with the CDC's "Bring Your Brave" Campaign and how she's preparing for an upcoming TEDx talk.

*Bonus Clip* [00:00-04:36]: Marleah shares about her blog "The Patient and the Professor"

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e71/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Discuss an example of patient-provider health communication
- Describe some of the challenges associated with sharing research across multiple audiences
- Review strategies for public speaking preparation

## Guiding Questions for Listening

- What are some of the specific areas Dr. Dean Kruzel is researching within the field of communication?
- What does Dr. Dean Kruzel explain are the two reasons she shares her personal story when conducting research interviews with patients or healthcare providers?
- According to Dr. Dean Kruzel, what are some of the challenges associated with having a personal connection to her research?
- What are some of the strategies Dr. Dean Kruzel shares that she finds helpful when encountering emotionally sensitive topics in her work?
- What are some of the specific audiences with which Dr. Dean Kruzel seeks to share out her research?
- What does Dr. Dean Kruzel describe have been some of the challenges in sharing out her work across multiple audiences?
- What mediums does Dr. Dean Kruzel explain she has found to be effective for connecting with non-academic audiences?
- What does Dr. Dean Kruzel share were helpful strategies in preparing for her TEDx talk?
- How does Dr. Dean Kruzel describe she sets boundaries about what where shares, or does not share, online? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e71/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e71/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Marleah Kruzel if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, August 7). *Dr. Marleah Dean Kruzel on Combining the Personal and the Professional in Research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e71/>

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## Notes



# Dr. John Fritz on Researching Course Design and Analytics [34:05]

Research in Action - Episode 72

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. John Fritz, an Associate Vice President for Instructional Technology at the University of Maryland, Baltimore County (UMBC). Working within UMBC's Division of Information Technology, John is responsible for UMBC's focused efforts in teaching, learning and technology, including learning analytics. He is also responsible for tier 1 (basic) user support including knowledge management. Previously, John served as UMBC's Director of News & Online Information, and has more than 10 years' experience as a public information officer, writer and editor in three University of Maryland campuses. John holds a Ph.D in Language, Literacy and Culture from UMBC, a Master's degree in English (with an emphasis in rhetoric and composition) from the University of Maryland, College Park, a bachelor's degree in English and religion from Columbia Union College in Takoma Park, Maryland, and certificates in New Media Publishing from the University of Baltimore and Instructional Systems Design from UMBC.

*Segment One* [00:00-11:59] - In this segment, John shares about some of his research on Learning Management Systems (LMSs)

*Segment Two* [12:00-21:44] - In this segment, John discusses the rise in adaptive and personalized learning platforms and what this means for research on student learning

*Segment Three* [21:45-34:05]: In this segment, John shares about a new interest area for him: nudge analytics.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e72/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Review three ways in which a faculty member might utilize a LMS
- Discuss the difference between LMS analytics and learning analytics
- Illustrate an example of adaptive learning
- Describe the term “choice architecture”

## Guiding Questions for Listening

- What does Dr. Fritz explain are the three broad ways in which faculty use the LMS?
- According to Dr. Fritz, what area in the LMS has the “most potential”?
- What does Dr. Fritz describe are some of the differences between LMS analytics and learning analytics?
- What does Dr. Fritz share about some of the research behind the correlation of student activity level in a LMS and grades?
- What is adapted and personalized learning?
- What does Dr. Fritz share about Barry Zimmerman's findings regarding the two things that are important for students to take responsibility for in their learning?
- What is an example of adaptive learning?
- What appear to be some of the challenges for implementing adaptive learning into courses?
- How does Dr. Fritz describe “choice architecture”?
- What is an example of “choice architecture”?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e72/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e72/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. John Fritz if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, August 14). *Dr. John Fritz on Researching Course Design and Analytics* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e72/>

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## Notes

# Dr. Katie Linder on Networking with Other Researchers [30:59]

Research in Action - Episode 73

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, Dr. Katie Linder, Ecampus Research Director, shares strategies to network with other researchers in a range of settings including conferences and social media.

*Segment One* [00:00-10:53] - In this segment, Katie shares some ideas to identify the people, methods, and themes you want to focus on for your networking efforts.

*Segment Two* [10:54-21:26] - In this segment, Katie discusses some strategies for networking at conferences and in conference online back channels.

*Segment Three* [21:27-30:59]: In this segment, Katie offers some tips for networking with other researchers online.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e73/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Discuss examples of areas where a researcher might pursue networking opportunities
- Describe some of the benefits to networking with researchers outside of one’s institution or research field
- Review strategies for networking at academic conferences
- Provide an example of how a researcher might utilize social media to network with other researchers

## Guiding Questions for Listening

- What three main areas does Dr. Linder mention she typically seeks to network about?
- According to Dr. Linder, how might networking with researchers outside of your institution be beneficial to tenure?
- What appear to be some of the benefits to connecting and networking with researchers outside of your institution and/or research field?
- What does Dr. Linder suggest preparing prior to reaching out to a network or researcher?
- What suggestions does Dr. Linder offer for ways one could prepare and engage in networking opportunities at academic conferences?
- What tips does Dr. Linder share for those seeking to connect with publishers or editors that may be present at a conference?
- What does Dr. Linder suggest may be options for those looking to connect at a conference, but may be unable to attend in person?
- What does Dr. Linder suggest are some of the various ways in which researchers may be able to utilize social media as means to network with other researchers?
- What are some ways researchers may be able to connect with organizations via social media?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e73/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e73/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Katie Linder if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, August 21). *Dr. Katie Linder on Networking with Other Researchers* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e73/>

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## Notes

# Dr. Matthew Lee on Researching Campus Climate [34:23]

Research in Action - Episode 74

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Matt Lee, an Associate professor of psychology at James Madison University. Matt is a 2017 Fulbright Scholar teaching cross-cultural psychology in Croatia. He specializes in teaching and researching ethnic identity and conflict, and campus climate issues.

*Segment One* [00:00-13:17] - In this segment, Matt shares about his current research on Campus Climate.

*Segment Two* [13:18-22:41] - In this segment, Matt discusses the work of his Cultural and Racial Diversity Studies Lab.

*Segment Three* [22:42-34:23]: In this segment, Matt discusses the benefits and challenges of using research results to create change at James Madison University.

*Bonus Clip #1* [00:00-03:20]: Matt’s Work Researching Ethnic Conflict and Identity

*Bonus Clip #2* [00:00-02:51]: How Campus Climate Data is Creating Change at James Madison University

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e74/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Discuss examples of campus climate research areas
- Review suggestions for researchers in creating partnerships across campus
- Provide an example of research dissemination on a campus

## Guiding Questions for Listening

- What are some of the areas of study within campus climate research?
- What does Dr. Lee share have been some of the most impactful findings from the Madison Matters project at his institution?
- According to Dr. Lee, what does he think has been a strength of the data set from the Madison Matters project?
- What does Dr. Lee explain are some of the various components that go into conducting and reporting research with the Madison Matters project?
- What are some of roles of students within the Cultural and Racial Diversity lab at James Madison University?
- What tips does Dr. Lee offer to other researchers with regard to creating partnerships on campus?
- What does Dr. Lee explain is one of the connections that has allowed the Madison Matters project to disseminate the data in effective ways?
- What does Dr. Lee explain have been some of the similarities between his research on ethnic conflicts and identity to his research on campus climate? (See also, Bonus Clip #1)
- According to Dr. Lee, what have been some of the additional campus partnerships that have formed as a result of the campus climate research findings? (See also, Bonus Clip #2)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e74/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e74/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Matthew Lee if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, August 28). *Dr. Matthew Lee on Researching Campus Climate* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e74/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Mary Ellen Dello Stritto, assistant director of the Ecampus Research Unit at Oregon State University and is involved with the design and implementation of research studies on online/distance education. She manages and oversees statistical analyses for the research unit. Dello Stritto also directs the Faculty Fellows Program and a professional development program for faculty. She has a background in psychology with a specialization in quantitative methodologies, survey design, and statistical analysis.

*Segment One* [00:00-11:32] - In this segment, Mary Ellen shares about the work of the Ecampus Research Unit.

*Segment Two* [11:33-21:43] - In this segment, Mary Ellen offers strategies for getting started in a new research position.

*Segment Three* [21:44-31:07]: In this segment, Mary Ellen shares about a new series of episodes for the RIA podcast.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e75/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe some of the main goals of the OSU Ecampus Research Unit
- Discuss examples of strategies one might utilize in transitioning to a new role within a research unit
- Describe suggestions for improving research literacy

### Guiding Questions for Listening

- What does Dr. Dello Stritto discuss are the three things of primary focus within the Ecampus Research Unit?
- What are some of the current projects happening within the Ecampus Research Unit?
- What do Dr. Dello Stritto and Dr. Linder describe are some of the goals with conducting the unit’s current study on Instructional Designers?
- According to Dr. Dello Stritto, what will be the purpose of the research unit’s upcoming database about the effectiveness of online education?
- What does Dr. Dello Stritto share have been helpful strategies in transitioning to her role as the assistant director of research at OSU Ecampus?
- What resources does Dr. Dello Stritto explain have also been helpful in the transition to her current role?
- According to Dr. Dello Stritto, what is a large part of research literacy?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e75/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e75/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Mary Ellen Dello Stritto if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, September 4). *Dr. Mary Ellen Dello Stritto @ Something New for RIA* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e75/>

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## Notes



# Dr. Rolin Moe on Dealing with Critics of Your Research [34:17]

Research in Action - Episode 76

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Rolin Moe, an Assistant Professor and the Director of the Institute for Academic Innovation at Seattle Pacific University. Rolin's 15+ years of working with formal, informal and non-formal learning institutions have focused on empowering all members of the community to engage teaching and learning. In formal education settings, Rolin works across the environment to conceptualize, design, implement and assess learning environments and models. Outside of formal education, Rolin celebrates the "gap" between artifact design and learning assessment, at organizations such as the Museum of Modern Art, LinkedIn, and the nonpartisan Annenberg Learning Center at the Ronald Reagan Presidential Library and Museum. His scholarship explores the dissonance between educational practice and mass media portrayal of education.

*Segment One* [00:00- 17:18] - In this segment, Rolin discusses what it means to him to be a critical scholar.

*Segment Two* [17:19-34:17] - In this segment, Rolin shares how he has dealt with criticism of his work.

Bonus Clip #1 [00:00-3:40]: Rolin's Recommendations for Researchers Dealing with Criticism

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e76/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define the term “critical scholar”
- Provide an example of critical thinking
- Describe some examples of considerations for choosing how to engage with responses to a critical scholarship piece
- Review recommendations for how researchers might deal with criticism of their research

## Guiding Questions for Listening

- How does Dr. Moe describe the term “critical scholar”?
- What is an example of critical thinking?
- With regard to Dr. Moe’s explanation of critical scholarship, what does he mean by “it is important to be fair to those we are being critical of”?
- What does Dr. Moe describe is a “fine balance” with regard to his work as a critical scholar?
- What does Dr. Moe explain changed the way he approached his public presentations and articles?
- What are some of Dr. Moe’s strategies for deciding how to engage in responses to his work?
- What does Dr. Moe explain was a “great experience” that shaped the way he likes to think about the web?
- What recommendations does Dr. Moe offer to other researchers for how to deal with criticism of their research? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e76/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e76/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Rolin Moe if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, September 11). *Dr. Rolin Moe on Dealing with Critics of Your Research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e76/>

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## Notes

# Dr. Valerie Clayman Pye on Practice-as-Research [34:13]

Research in Action - Episode 77

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Valerie Clayman Pye, an Assistant Professor of Theatre in the School of Performing Arts at LIU Post, where she teaches acting and voice and speech. She holds a PhD in Performance Practice, Drama and an MFA in Staging Shakespeare from the University of Exeter, where she worked with Shakespeare’s Globe and the Royal Shakespeare Company. Valerie’s research focuses on actor training pedagogy, facilitating performances of heightened text, and on practice-as-research (PaR). She writes about the intersection between text and performance and on the dynamics of performance at Shakespeare’s Globe. Her article, “Shakespeare’s Globe: theatre architecture and the performance of authenticity” was recently named one of the most-read articles in the journal *Shakespeare* in the last three years. She also holds an MFA in Acting from Brooklyn College. Valerie is a professional actor and director whose work has reached audiences in over twenty countries. As a voice and speech coach, Valerie has worked in theatre, film, and television coaching Academy, BAFTA, Emmy, and Golden Globe Award nominees. Her book, *Unearthing Shakespeare: Embodied Performance and the Globe*, was released by Routledge in January 2017.

*Segment One* [00:00- 16:40] - In this segment, Valerie describes the methodology practice-as-research.

*Segment Two* [16:41-34:13] - In this segment, Valerie shares how researchers using practice-as-research ensure rigor.

*Bonus Clip #1* [00:00-03:39]: An Example of Practice-as-Research

*Bonus Clip #2* [00:00-02:20]: Valerie Defines the World Reflexive for Her Research

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e77/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define “practice-as-research”
- Provide an example of practice-as-research
- Describe some examples of reflexive practice
- Review recommendations and resources for those interested in practice-as-research

## Guiding Questions for Listening

- How does Dr. Pye describe “practice-as-research”?
- What is an example of practice-as-research?
- What are some examples of creative practice?
- What does Dr. Pye describe as some of the differences between practice-led research and practice-based research?
- What does Dr. Pye describe as “at the core” of everything in practice-as-research?
- What is reflective practice?
- What are some of Dr. Pye’s tips for practice-as-research publications?
- According to Dr. Pye, what appears to be “very far behind” in the U.S.?
- What are some of Dr. Pye’s recommendations for those interested in practice-as-research?
- What are some resources for learning more about practice-as-research?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e77/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e77/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Valerie Pye if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, September 18). *Dr. Valerie Clayman Pye on Practice-as-Research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e77/>

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## Notes

# Dr. Ehren Helmut Pflugfelder on Researching Mobility Technologies [26:45]

Research in Action - Episode 78

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Ehren Helmut Pflugfelder, an Assistant Professor at Oregon State University, where he teaches courses in rhetoric, new media, and technical and science writing. He has a PhD in rhetoric and composition, with a focus in technical writing, from Purdue University, an MA from Case Western Reserve University, and a BSE from Slippery Rock University. Originally from Pittsburgh, PA, Ehren now calls Corvallis, OR home. His research has appeared in the journals *Technical Communication*, *Journal of Technical Writing and Communication*, *Kairos*, *College English*, *Rhetoric Society Quarterly*, and *Communication Design Quarterly*. His monograph, *Communicating Technology and Mobility: A Material Rhetoric for Transportation* has recently been published for the Routledge series *Studies in Technical Communication, Rhetoric, and Culture*.

*Segment One* [00:00-15:12] - In this segment, Ehren shares about some of the questions driving his research on mobility and technology.

*Segment Two* [15:13-26:45] - In this segment, Ehren discusses self-driving vehicles and flying cars.

Bonus Clip [00:00-11:06]: Ehren's New Book Project on Bioengineering

Bonus Clip [00:00-07:02]: Ehren's Research on Reddit

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/78/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe auto mobility
- Describe an example of “default assumption”
- Discuss some potential influences of mobility technologies
- Review components of technical communication

## Guiding Questions for Listening

- How does Dr. Pflugfelder describe auto mobility?
- According to Dr. Pflugfelder, what is a “default assumption” with regard to auto mobility?
- What does Dr. Pflugfelder explain about the persuasion of metaphors in the hybrid car example?
- What examples does Dr. Pflugfelder provide regarding persuasive logistics?
- What does Dr. Pflugfelder explain about the influence of mobility technologies and the way people live their lives?
- How did the persuasiveness of technology appear to impact the Pod Car case study?
- What appear to be some of the potential challenges with the development of autonomous cars?
- What does Dr. Pflugfelder explain is part of the responsibility of a technical communicator?
- What is geoengineering? (See also, Bonus Clip #1)
- What were some of Dr. Pflugfelder observations about the technical explanations found on Reddit’s “explain like I’m five”? (See also, Bonus Clip #2)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e78/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e78/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Ehren Helmut Pflugfelder if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, September 25). *Dr. Ehren Helmut Pflugfelder on Researching Mobility Technologies* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e78/>

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## Notes

# Anne-Marie Deitering on Autoethnography [35:22]

Research in Action - Episode 79

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Anne-Marie Deitering is the Associate University Librarian for Learning Services at Oregon State University Libraries and Press, where she oversees the libraries' Teaching and Engagement, Library Experience and Access, and Assessment departments and also oversees the Guin Library at the Hatfield Marine Science Center. She blogs at Info-Fetishist, and tweets as @amlibrarian.

*Segment One* [00:00-18:41] - In this segment, Anne-Marie defines autoethnography and gives some examples from her work.

*Segment Two* [18:42-35:22] - In this segment, Anne-Marie shares about her career path to becoming a librarian-researcher.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/episode/79/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define autoethnography
- Provide an example of autoethnography
- Discuss some of the potential challenges of autoethnography
- Describe some components of librarianship

## Guiding Questions for Listening

- What is autoethnography?
- What appear to be some of the differences and similarities between reflective and reflexive research methodology?
- According to Anne-Marie Deitering, what are some of the benefits of autoethnography?
- What does Anne-Marie Deitering explain drew her to autoethnography?
- What is an example of autoethnography?
- What appear to be some of the challenges with autoethnography?
- What does Anne-Marie Deitering explain about the possible emotional toll of autoethnography?
- According to Anne-Marie Deitering, how might journaling and autoethnography be connected?
- What appear to be some of the multiple components librarianship?
- According to Anne-Marie Deitering, how can librarianship be “timid”?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e79/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e79/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Anne-Marie Deitering if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, October 2). *Anne-Marie Deitering on Autoethnography* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e79/>

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## Notes



## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Daniel Ginsberg, manager of education, research and professional development at the American Anthropological Association. Daniel manages the AAA's program of research on the profession of anthropology, where he has studied anthropology education, degree attainment, and careers within and outside of academia. He uses these findings to provide support to anthropology departments, to create professional development opportunities for AAA members, and to inform the Association's public education initiatives, which offer anthropological perspectives on current issues such as race and migration. He has a PhD in linguistics from Georgetown University, a master's degree in teaching English as a second language from the School for International Training, and professional experience as a high school teacher and language test developer, and he has published on issues such as critical and inquiry-based pedagogy and STEM instruction for linguistically diverse students.

*Segment One* [00:00-16:10] - In this segment, Daniel describes his work with the American Anthropological Association.

*Segment Two* [16:11-33:17] - In this segment, Daniel talks about the experience of being an alt-ac researcher.

*Bonus Clip #1* [00:00-06:50]: Becoming a Parent as a Graduate Student

*Bonus Clip #2* [00:00-08:10]: Benefits of Disciplinary Associations

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e80/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Provide an example of a disciplinary organization
- Describe an example of an alternative academic research role
- Discuss some of the potential challenges and benefits to conducting research within an alternative academic role

## Guiding Questions for Listening

- What does Dr. Ginsberg describe are some of the various aspects to his work with the American Anthropological Association?
- What does Dr. Ginsberg mention are reasons why it might be beneficial to do more peer-reviewed publications?
- What does Dr. Ginsberg explain have been helpful skills has been able to apply to his current role?
- What does Dr. Ginsberg explain led him to pursue a PhD?
- What does Dr. Ginsberg share he has observed in pursuing tenure positions in academia?
- According to Dr. Ginsberg, what appear to be some of the benefits and challenges in conducting research in an alternative academic research role?
- What tips and resources does Dr. Ginsberg offer to those who may be interested in working with a disciplinary association?
- What insights does Dr. Ginsberg share about his role as a researcher and as a parent? (See also, Bonus Clip #1)
- What does Dr. Ginsberg explain are some of the typical benefits that disciplinary associations might offer to members? (See also, Bonus Clip #2)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e80/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e80/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Daniel Ginsberg if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, October 9). *Dr. Daniel Ginsberg on Researching as an Alternative Academic* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e80/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Joanna Garner, the Executive Director of The Center for Educational Partnerships at Old Dominion University in Norfolk, VA. Originally from the United Kingdom, Dr. Garner completed her Bachelors and Master's degrees in Psychology at the University of Surrey before earning her doctorate in Educational Psychology at The Pennsylvania State University. Her work covers a range of topics pertaining to learning and identity development, particularly in relation to STEM education.

*Segment One* [00:00-15:14] - In this segment, Joanna shares some best practices to consider when designing presentation slides.

*Segment Two* [15:15-24:02] - In this segment, Joanna shares some of her top do's and don'ts of slide design.

*Segment Three* [24:03-34:08] - In this segment, Joanna discusses some of her current research and favorite resources for effective slide design.

*Bonus Clip* [00:00-03:30]: Joanna's Views on Slide Animations

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e81/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe common pitfalls of presentation slide design
- Explain how a presentation can help support an audience's attention and comprehension
- Discuss recommendations for the use of text and images in slide design

## Guiding Questions for Listening

- What does Dr. Garner suggest is one of the most common pitfalls of slide design?
- What does Dr. Garner suggest are some of the ways a presenter can support an audience's attention and comprehension?
- What does Dr. Garner explain research has found with regard to the use of text and images within a presentation?
- What is the “curse of knowledge”?
- What does Dr. Garner share she has found effective regarding the use of quotes in a presentation?
- What does Dr. Garner state is one of the “most powerful things that you can do as a presenter”?
- What are some of Dr. Garner's suggestions regarding the use of a blank slide and transitions between slides?
- What does Dr. Garner explain may be some of the benefits of a “mapping slide” to outline a presentation?
- What does Dr. Garner explain have been some of the valuable outcomes to the research conducted on presentation and slide design?
- What are some of Dr. Garner's suggestions regarding animations in slide presentations? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e81/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e81/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Joanna Garner if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, October 16). *Dr. Joanna Garner on Effective Presentation Slide Design* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e81/>

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## Notes

### Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Ronald Kander, Founding Dean of Kanbar College of Design, Engineering & Commerce and Associate Provost for Applied Research at Jefferson (Philadelphia University + Thomas Jefferson University). Previously, founding Director of the School of Engineering at James Madison U, Professor of Materials Science at Virginia Tech, Senior Engineer of Polymer Physics at Dupont. BS (Carnegie Mellon) & PhD (U of Delaware) in Chemical Engineering.

*Segment One* [00:00-12:00] - In this segment, Ron reflects on what has contributed to his successful research career.

*Segment Two* [12:01-22:33] - In this segment, Ron offers tips for effective research networking.

*Segment Three* [22:34-33:50] - In this segment, Ron discusses the recent merger of universities between Philadelphia University and Thomas Jefferson University.

Show notes and a transcript for this episode can be found at:  
<http://ecampus.oregonstate.edu/research/podcast/episode/82/>

### Learning Outcomes

By listening to this episode, students will be able to:

- Describe an example of being “hyper-prepared”
- Discuss an example of adapting to the unexpected in a career path
- Review Dr. Kander’s explanation of the two elements of teaching
- Define innovation

### Guiding Questions for Listening

- How does Dr. Kander explain being “hyper-prepared”?
- According to Dr. Kander, what might come of being an open-minded brainstormer?
- How does Dr. Kander define innovation?
- What example does Dr. Kander share from his own career path as a time where he had to adapt in his research career?
- What reasons does Dr. Kander provide as to why he does not try to do single PI work?
- According to Dr. Kander, what are the two elements of teaching?
- What does Dr. Kander mean by, “what you need to do if you are an expert is to be a teacher”?
- What is programmatic research?
- What insight does Dr. Kander share about challenges that may come with combining research organizations?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e82/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e82/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Ronald Kander if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, October 23). *Dr. Ronald Kander on Building a Successful Research Career* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e82/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, Dr. Katie Linder offers a solo episode about effectively organizing your research.

*Segment One* [00:00-10:20] - In this segment, Katie offers examples of organizational systems that can positively impact your research.

*Segment Two* [10:21-20:11] - In this segment, Katie shares strategies for documenting your research engagement.

*Segment Three* [20:12-29:32] - In this segment, Katie discusses ways to incorporate organizational strategies into your research from the very beginning of a project.

Show notes and a transcript for this episode can be found at:  
<http://ecampus.oregonstate.edu/research/podcast/episode/83/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Discuss recommendations for utilizing organizational systems for your research
- Review considerations for organizing and sharing data storage systems
- Describe an example of creating a process to regularly update a CV
- Explain benefits to organizing and planning for research projects from beginning to end

## Guiding Questions for Listening

- What are some examples Dr. Linder provides as to why utilizing organizational systems for your research may be helpful?
- According to Dr. Linder, what might be some of the benefits to utilizing organizational systems for your research?
- What are some of Dr. Linder’s recommendations regarding data storage systems?
- What does Dr. Linder mention may be the most important part about the organization of your digital files?
- According to Dr. Linder, how might IRB paperwork from former projects be useful to research later on?
- What are some of the considerations Dr. Linder suggests with regard to organizational systems for data that may need to be shared with others?
- What are some of Dr. Linder’s recommendations for updating and assessing one’s CV?
- What does Dr. Linder explain may be some of the benefits in creating spreadsheets to track multi-step projects?
- What are some of the various components and benefits to organizing and planning research projects from beginning to end?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e83/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e83/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Katie Linder if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, October 30). *Dr. Katie Linder on Strategies for Organizing Your Research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e83/>

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## Notes



# Dr. Ali Black on Narrative-based Research [00:00-32:33]

Research in Action - Episode 84

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Ali Black, senior lecturer in the School of Education, USC. Dr. Black is a narrative researcher and early childhood educator. Her arts-based research and scholarly work seeks to foster connectedness, community, wellbeing and meaning-making through the building of reflective and creative lives and identities. Ali is interested in storied and visual approaches for dismantling personal/professional binaries and representing lives. Her research and writing is concerned with the power and impact of collaborative and relational knowledge construction.

*Segment One* [00:00-17:39] - In this segment, Ali shares about a group of women writers she created.

*Segment Two* [17:40-32:33] - In this segment, Ali discusses her experience as a narrative-based researcher.

*Bonus Clip* [00:00-04:30]: Ali Requests Feedback for a 2018 Conference Project

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e84/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe the purpose of “The Women Who Write”
- Define narrative-based research
- Discuss some of the benefits and challenges to narrative-based research
- Provide an example of narrative-based research

## Guiding Questions for Listening

- How did the group of women and the website, “The Women Who Write,” come about?
- What appears to have been significant about the survey Dr. Black sent out about women in academia?
- What does Dr. Black explain about the concept of “slow scholarship”?
- How does Dr. Black define narrative-based research?
- What appear to be some of the challenges with narrative-based research?
- According to Dr. Black, what are some of the valuable outcomes of narrative-based research?
- What does Dr. Black discuss are some of the macro and micro levels of narrative-based research?
- What is an example of when narrative-based research methodology might be used?
- What is Dr. Black’s goal with the creation of “Making Shift Happen”?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e84/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e84/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Ali Black if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, November 6). *Dr. Ali Black on Narrative-based Research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e84/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Colin Hesse, assistant professor in the department of speech communication at Oregon State University. Colin completed his PhD at Arizona State University in 2009. His research focuses on the links between interpersonal communications and both psychological and physiological health. Specific communications processes of interest for Colin include the communication of affection, alexithymia, and family communication.

*Segment One* [00:00-11:13] - In this segment, Colin shares about his research on interpersonal communication.

*Segment Two* [11:13-21:18] - In this segment, Colin discusses some of his research findings on affectionate communication.

*Segment Three* [21:18-33:13] – In this segment, Colin shares about his work on affection deprivation.

*Bonus Clip* [00:00-08:12]: Alexithymia

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e85/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe an example of interpersonal communication
- Discuss some of the potential challenges in researching interpersonal communication
- Define affectionate communication
- Provide an example of trait-affection

## Guiding Questions for Listening

- How does Dr. Hesse describe interpersonal communication?
- What does Dr. Hesse share about some of the research findings of communication and potential health benefits?
- What does Dr. Hesse explain may be some of the challenges in researching interpersonal communication?
- What does Dr. Hesse suggest about the importance of looking at multiple studies when it comes to studying interpersonal communication?
- What appear to be some of the ways the field of communication studies is changing?
- What is affectionate communication?
- What is the affection exchange theory?
- What are some of the differences between trait-affection and relationship-specific affection?
- How does Dr. Hesse explain affection deprivation?
- What appears to be the role of perception in affection deprivation?
- What does Dr. Hesse share has been observed through studies about doctor-patient communication?
- What is alexithymia? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e85/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e85/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Colin Hesse if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, November 13). *Dr. Colin Hesse on Interpersonal Communication Research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e85/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Laura Gogia. Laura Gogia, MD, PhD is an educational consultant, researcher, and designer specializing in program evaluation, digital learning, and higher education. She is the principal for Bandwidth Strategies, where she offers organizational development and creative support for institutions of higher and continuing education. She was formerly the associate director of the Grace E. Harris Leadership Institute at Virginia Commonwealth University (VCU) and liaison for the Virginia Longitudinal Data System at the State Council for the Higher Education of Virginia (SCHEV). Gogia earned her doctorate (PhD) in Education Research and Evaluation and her Medical Degree (MD), both at VCU.

*Segment One* [00:00-09:30] - In this segment, Laura discusses some of the variable for researching student experience.

*Segment Two* [09:31-19:32] - In this segment, Laura describes uses of SenseMaker in research on student experience.

*Segment Three* [19:33-35:37] - In this segment, Laura shares about her most recent research interests.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e86/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Discuss some of variables involved in researching the student experience
- Describe the purpose of the SenseMaker tool
- Define connected learning
- Provide an example of connected learning

## Guiding Questions for Listening

- According to Dr. Gogia, what are some of the variables that are taken into account in researching student experience?
- What are the two “broad categories” Dr. Gogia mentions the student experience could be separated into?
- What appear to be some areas in which researchers might be able to collaborate with students in researching the student experience?
- What is SenseMaker?
- What is an example of how the SenseMaker tool works?
- What is an example of distributed ethnography?
- What is connected learning?
- What is an example of connected learning?
- According to Dr. Gogia, why is connected learning considered to be an emerging digital pedagogy?
- What does Dr. Gogia explain may be some of the benefits of connected learning?
- How does Dr. Gogia define “dynamic knowledge creation”?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e86/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e86/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Laura Gogia if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, November 20). *Dr. Laura Gogia on Researching Student Experience* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e86/>

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## Notes

# Dr. Stuart Buck on Research Integrity [00:00-36:59]

Research in Action - Episode 87

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Stuart Buck. As the Vice President of Research at the Laura and John Arnold Foundation, Stuart works to ensure that research funded by the Foundation is as rigorous as possible, and that the Foundation's major investments are evaluated by independent experts. An attorney and research expert with a background in education policy, Stuart has written and co-written numerous scholarly articles that have appeared in journals such as *Science*, *Harvard Law Review*, *Education Economics*, *Education Next*, *Phi Delta Kappan*, and *Review of Public Personnel Administration*. He is the author of a Yale University Press book on education in the African-American community, *Acting White*.

Stuart holds a Ph.D. in education policy from the University of Arkansas, where he studied econometrics, statistics, and program evaluation; a J.D. with honors from Harvard Law School, where he was an editor of the *Harvard Law Review*; and bachelor's and master's degrees in music performance from the University of Georgia.

*Segment One* [00:00-10:12] - In this segment, Stuart describes about his research work at the Arnold Foundation.

*Segment Two* [10:13-23:48] - In this segment, Stuart shares about how he works to promote research integrity at the Arnold Foundation.

*Segment Three* [23:49-36:59] - In this segment, Stuart describes some of the recent work of the Arnold Foundation to impact the criminal justice system.

*Bonus Clip* [00:00-04:01]: Pathways to Working with Foundations

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e87/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe publication bias
- Provide an example of a replication project
- Explain the purpose of the PSA tool

## Guiding Questions for Listening

- What does Dr. Buck explain are some of the research priorities of the Arnold Foundation?
- According to Dr. Buck, how does the Arnold Foundation seek to sponsor some of their research priorities?
- What is publication bias?
- What is an example of publication bias?
- What does Dr. Buck explain are some of the potential ramifications of publication bias?
- In addition to publication bias, what other type of bias does Dr. Buck explain can happen on the researcher's end?
- What is the practice of replication?
- What example does Dr. Buck provide of a replication project?
- What is the purpose of the PSA tool?
- How is the PSA tool currently being implemented?
- What strategies does Dr. Buck offer for those seeking to work for a foundation? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e87/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e87/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Stuart Buck if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, November 27). *Dr. Stuart Buck on Research Integrity* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e87/>

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## Notes



## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Asao B. Inoue, Professor of Interdisciplinary Arts and Sciences, Director of University Writing and the Writing Center at the University of Washington Tacoma. He is a member of the Executive Board of Council of Writing Program Administrators, and the Program Chair of the 2018 Conference on College Composition and Communication. Among his many articles and chapters on writing assessment and race and racism, his article, "Theorizing Failure in U.S. Writing Assessments" in RTE, won the 2014 CWPA Outstanding Scholarship Award. His co-edited collection, *Race and Writing Assessment* (2012), won the 2014 NCTE/CCCC Outstanding Book Award for an edited collection. His book, *Antiracist Writing Assessment Ecologies: Teaching and Assessing for a Socially Just Future* (2015) won the 2017 NCTE/CCCC Outstanding Book Award for a monograph and the 2015 CWPA Outstanding Book Award. In November of 2016, he guested co-edited a special issue of *College English* on writing assessment as social justice, and is currently finishing a co-edited collection on the same topic, as well as a book on labor-based grading contracts as socially just writing assessment.

*Segment One* [00:00-14:17] - In this segment, Asao shares about his research and experience with grade-less writing and grading contracts.

*Segment Two* [14:18-32:31] - In this segment, Asao discusses his research on writing assessment as anti-racist practice.

*Bonus Clip* [00:00-05:03]: The Relationship Between Language and Race

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e88/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Provide an example of a writing assessment
- Describe “grade-less” writing
- Explain the purpose of a labor-based grading system
- Discuss some of the potential challenges to labor-based grading systems

## Guiding Questions for Listening

- According to Dr. Inoue, what does he think teachers need to be actively looking at in their assessment practices?
- What is an example of writing assessment?
- How does Dr. Inoue explain assessment ecology?
- According to Dr. Inoue, what is “grade-less” writing?
- How does Dr. Inoue explain he uses a labor-based grading contract?
- How does Dr. Inoue explain anti-racist practice in writing assessments?
- What does Dr. Inoue explain can potentially alienate groups of students?
- What does Dr. Inoue share he has found the student response to be to a labor-based grading system?
- What appear to be some of the potential challenges of labor-based grading systems?
- According to Dr. Inoue, what is the relationship between language and race? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e88/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e88/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Asao B. Inoue if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, December 4). *Dr. Asao B. Inoue on Writing Assessment as Anti-racist Practice* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e88/>

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## Notes

# Heather Roberts on Researching without a PhD [00:00-34:23]

Research in Action - Episode 89

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Heather Roberts, Coordinator for Diversity, Equity and Inclusion in College of Forestry and Information Manager for Landscape Ecology, Modeling, Mapping and Analysis (LEMMA) collaborative research group at Oregon State University. Heather Roberts has worked as a database administrator, GIS analyst and programmer at OSU on the Landscape Ecology, Modeling, Mapping and Analysis team since 2006. She performs a variety of tasks related to developing highly detailed models of forest vegetation across large multi-ownership landscapes. She completed her Bachelor's degree at the University of Oregon, majoring in Computer and Information Science and Environmental Studies. She was appointed as the College's first Coordinator for Diversity, Equity and Inclusion in July 2017.

*Segment One* [00:00-12:27] - In this segment, Heather shares her pathway to a research position without earning a PhD.

*Segment Two* [12:28-22:37] - In this segment, Heather shares some best practices of database administration.

*Segment Three* [22:38-34:23] - In this segment, Heather shares about her most recent career shift into leading a diversity and inclusion initiative.

*Bonus Clip* [00:00-04:13]: Heather Roberts's Favorite Books for Professional Development

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e89/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Provide an example of internal and external data documentation
- Describe the purpose of data documentation
- Review recommendations regarding data documentation
- Discuss benefits to creating a professional development plan

## Guiding Questions for Listening

- How does Heather Roberts describe she was able to combine her programming and database skills with her work in forestry?
- What does Heather Roberts discuss were some of the decision-making factors of whether or not to pursue additional schooling?
- How does Heather Roberts describe the process for designing and implementing systems for the documentation of data?
- What are some examples of internal and external data documentation?
- What are some of Heather Roberts's recommendations regarding data documentation?
- What does Heather Roberts share allowed her discover and develop her leadership capabilities?
- According to Heather Roberts, what were some of the benefits that came out of creating a professional development plan?
- What does Heather Roberts share are some of her favorite books on professional development? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e89/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e89/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Heather Roberts if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, December 11). *Heather Roberts on Researching without a PhD*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e89/>

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## Notes

# Dr. Ben Hatton on Creativity and Research [00:00-35:15]

Research in Action - Episode 90

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Ben Hatton, an Assistant Professor in the Department of Materials Science and Engineering, and cross-appointed to the Institute of Biomaterials and Biomedical Engineering (IBBME) at the University of Toronto (UofT). Dr. Hatton is an engineer who obtained his Ph.D. in 2005 from the University of Toronto in the area of nanomaterials synthesis by self-assembly. He has worked extensively on the design, fabrication and properties of nano- and microstructured surfaces, for biomaterial applications, and worked at Harvard University for 5 years (as a postdoc and research associate) before coming to UofT in 2012. Dr. Hatton currently has >40 peer review publications and >50 presentations and conference abstracts, and is focused on investigating the relationships between nanocomposite structure and nanomaterial surface design on bacterial contamination of biomaterial surfaces. The Hatton group works on the synthesis of drug-silica nanomaterials for drug release, non-adhesive and non-fouling biomaterials, and nano/micro scale topography effects on cell binding and surface reactions. Dr. Hatton has over 15 patents (and applications), from his research work at UofT and Harvard University.

*Segment One* [00:00-13:41] - In this segment, Ben shares about what he has learned from research in many different environments.

*Segment Two* [13:42-23:36] - In this segment, Ben shares his favorite strategies for nurturing creativity in research.

*Segment Three* [23:37-35:15] - In this segment, Ben shares additional for nurturing creativity in research.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e90/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Provide an example of applying creativity in research
- Discuss the potential benefits of applying creativity in research
- Review strategies for nurturing creativity in research

## Guiding Questions for Listening

- What does Dr. Hatton describe were some of the influencing factors for choosing a PhD program?
- What does Dr. Hatton share are similarities he has observed between the different contexts of research in which he has worked?
- What example does Dr. Hatton share is a way to “support novel research and creativity”?
- According to Dr. Hatton, why is creativity important for researchers?
- What example does Dr. Hatton provide of creativity in research?
- According to Dr. Hatton, what are some strategies to potentially encourage creativity in research?
- What does Dr. Hatton mean by, “sometimes there are interesting things in failure”?
- What does Dr. Hatton suggest may be the benefit of seeking presentations or seminars on topics outside of your research field?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e90/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e90/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Ben Hatton if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, December 18). *Dr. Ben Hatton on Creativity and Research*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e90/>

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## Notes

# Dr. Mary Ellen Dello Stritto and Dr. William D. Marelich on the Applied Quantitative Perspective [00:00-28:35]

Research in Action - Episode 91

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. William D. Marelich, a Professor of Psychology at California State University, Fullerton, and consulting statistician for Health Risk Reduction Projects, Integrative Substance Abuse Programs, Department of Psychiatry and Biobehavioral Sciences, David Geffen School of Medicine at University of California, Los Angeles. His research interests and publications address decision-making strategies in health settings, patient/provider interactions, HIV/AIDS, and statistical/methodological approaches in experimental and applied research. Dr. Marelich is coauthor of the book *The Social Psychology of Health: Essays and Readings* and is an Editorial Board Member of the *International Journal of Adolescence and Youth*. He also has an interest in Sports Psychology with applications to baseball.

*Segment One* [00:00-10:43] - In this segment, William discusses the applied quantitative perspective in research.

*Segment Two* [10:44-19:38] - In this segment, William offers his perspective on key statistical concepts to understand for reading research reports and publications.

*Segment Three* [19:39-28:35] - In this segment, William discusses statistical software and the concepts of p-hacking and p-curves.

*Bonus Clip #1* [00:00-03:10]: Longitudinal Statistical Approaches

*Bonus Clip #2* [00:00-07:46]: P-values and Statistical Testing

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e91/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe the applied quantitative perspective and provide an example
- Discuss the application of the applied quantitative perspective in with real world data
- Review key foundational statistical concepts
- Discuss two new statistical concepts

## Guiding Questions for Listening

- How does Dr. Marelich describe social psychology?
- According to Dr. Marelich, how does applied social psychology provide a bridge with other sub-disciplines?
- How does Dr. Marelich define the applied quantitative perspective?
- What is an example of research within the applied quantitative perspective?
- According to Dr. Marelich, how is the applied quantitative perspective used for real world data?
- What does Dr. Marelich explain are important key statistical concepts to understand in order to read and understand research reports or publications?
- What is “p-hacking” and what are “p-curves”?
- What is an example of a longitudinal statistical approach? (See also, Bonus Clip #1)
- How does Dr. Marelich explain the use of p-values within statistical testing? (See also, Bonus Clip #2)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e91/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e91/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. William Marelich, if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2017, December 25). *Dr. Mary Ellen Dello Stritto and Dr. William D. Marelich on the Applied Quantitative Perspective*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e91/>

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## Notes



# Dr. Stephanie Evergreen on Data Visualization [00:00-35:10]

Research in Action - Episode 92

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Stephanie Evergreen, an internationally-recognized data visualization and design expert. She has trained future data nerds worldwide through keynote presentations and workshops, for clients including Time, Adobe, Verizon, Head Start, American Institutes for Research, Rockefeller Foundation, Brookings Institute, and the United Nations. She writes a popular blog on data presentation at [StephanieEvergreen.com](http://StephanieEvergreen.com). Her book, *Effective Data Visualization*, was published in Spring 2016. Her other book, *Presenting Data Effectively: Communicating Your Findings for Maximum Impact*, was just published in its second edition in June 2017. Both books hit #1 on Amazon bestseller lists.

*Segment One* [00:00-12:22] - In this segment, Stephanie defines data visualization.

*Segment Two* [12:23-22:28] - In this segment, Stephanie shares some common data viz errors and her recommendations for solutions.

*Segment Three* [22:29-35:10] - In this segment, Stephanie offers some ideas for how to create a positive organizational culture around data visualization.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e92/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Discuss the purpose of data visualization
- Cite resources for creating data visualization
- Discuss examples of common data visualization problems
- Review strategies for applying storytelling to data visualization

## Guiding Questions for Listening

- What is data visualization?
- According to Dr. Evergreen, what are some of the important elements to keep in mind when creating data visualization?
- What resources does Dr. Evergreen suggest for those just getting started with data visualization?
- Why did Dr. Evergreen create the Evergreen Data Academy?
- According to Dr. Evergreen, what appear to be some of the more common data visualization problems?
- What does Dr. Evergreen offer as potential solutions to some of the common data visualization problems?
- According to Dr. Evergreen, what appear to be some benefits and challenges of creating dashboards?
- What strategies does Dr. Evergreen suggest as a way to begin the storytelling process for a data visualization project?
- What does Dr. Evergreen suggest for setting up early, “low-risk wins” for data visualization?
- What are some ways Dr. Evergreen shares she incorporates fun into data visualization?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e92/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e92/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Stephanie Evergreen if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, January 1). *Dr. Stephanie Evergreen on Data Visualization* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e92/>

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## Notes

# Dr. Katie Linder on Setting Research Goals [00:00-32:01]

Research in Action - Episode 93

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, Dr. Katie Linder, Director of Research at Oregon State University Ecampus, offers some tips and strategies for establishing research goals in the New Year.

*Segment One* [00:00-10:41] - In this segment, Katie shares some ideas for setting research goals that are both reasonable and challenging.

*Segment Two* [10:42-20:39] - In this segment, Katie offers some tips for setting yourself up for success with accomplishing your research goals.

*Segment Three* [20:40-32:01] - In this segment, Katie discusses some strategies for staying accountable to your research goals throughout the year.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e93/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Discuss strategies for outlining and setting research goals
- Review recommendations for measuring accomplishments
- Describe strategies for assessing the progress of goals
- Discuss strategies for remaining accountable to goals

## Guiding Questions for Listening

- What are some of the initial questions Dr. Linder suggests asking as a way to begin outlining your research goals?
- What example does Dr. Linder provide as a way to distinguish between goals in which you are in control of achieving and goals that may be dependent upon someone else?
- What does Dr. Linder suggest is something one may “always” want to be thinking about when it comes to setting research goals?
- What are some strategies Dr. Linder recommends for measuring accomplishments?
- According to Dr. Linder, how might it be helpful to group research goals into some of the various categories mentioned in this episode?
- What are Dr. Linder’s recommendations for setting one’s self up for success as goals progress?
- According to Dr. Linder, what might be the benefit of mapping goals throughout the year?
- What are some of the recommendations Dr. Linder offers for remaining accountable to goals?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e93/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e93/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Katie Linder if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, January 8). *Dr. Katie Linder on Setting Research Goals* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e93/>

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## Notes

# Dr. Joli Jensen on Writer's Block [00:00-32:12]

Research in Action - Episode 94

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Joli Jensen, Founder and Director of the Faculty Writing Program and Hazel Rogers Professor of Media Studies, University of Tulsa. Joli is the author of *Write No Matter What: Advice for Academics* from the University of Chicago Press, as well as four books, and many articles about aspects of media, culture and society.

*Segment One* [00:00-14:43] - In this segment, Joli shares about the ways that she supports academic writers at her institution.

*Segment Two* [14:44-32:12] - In this segment, Joli shares some strategies for responding to writer's block.

*Bonus Clip #1* [00:00-06:39]: Public Scholarship

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e94/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe four areas of focus for developing a faculty writing center
- Discuss some of the common needs of faculty writers
- Define writer's block
- Discuss recommended strategies for working through writer's block

## Guiding Questions for Listening

- What are the four areas on which Dr. Jensen recommends focusing with regard to the development of a faculty writing center?
- According to Dr. Jensen, what is the most important element of a faculty writing center?
- According to Dr. Jensen, why should a faculty writing center be faculty-run as opposed to being grouped together with graduate writing programs?
- What does Dr. Jensen share she has found to be one of the most pressing needs of faculty writers?
- How does Dr. Jensen define writer's block?
- What are some of the examples Dr. Jensen provides as to how “writer's myths” can affect writing?
- What does Dr. Jensen explain are the “three taming techniques”?
- What does Dr. Jensen share is one adaptation of the “project box” taming technique people have found to be useful?
- What does Dr. Jensen explain is a “toxic-stall”?
- What does Dr. Jensen suggest are three key elements to helping faculty with the storytelling process in writing about their research? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e95/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e95/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Rob Branch if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, January 22). *Dr. Rob Branch on Diagramming Complex Relationships* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e95/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Rob Branch, a Professor of Learning, Design, and Technology at the University of Georgia, and the Head of the Department of Career and Information Studies. Rob earned a Bachelor of Science degree from Elizabeth City State University in North Carolina; and a Master of Arts degree from Ball State University. Rob taught high school in Botswana as a Peace Corps Volunteer and later joined the University of Botswana as a Lecturer in the Technology Education Department. Rob completed his Doctor of Education (EdD) degree from Virginia Tech in 1989. Dr. Branch worked as Fulbright Lecturer/Researcher at the University of KwaZulu-Natal in South Africa, where he co-founded the Master's degree in Educational Technology, while conducting research on the complexities of student centered learning spaces. Dr. Branch is co-editor of the Educational Media and Technology Yearbook and co-author of the book Survey of Instructional Design Models. He also authored the book Instructional Design: The ADDIE Approach. He is a Past President of the Association for Educational Communications and Technology (AECT).

*Segment One* [00:00-12:50] - In this segment, Rob describes his research on diagramming complex relationships.

*Segment Two* [12:51-24:35] - In this segment, Rob shares about his experience and the benefits of being a Fulbright scholar.

*Segment Two* [24:36-35:10] - In this segment, Rob shares some of his thoughts on the importance of replication studies in the social sciences.

*Bonus Clip #1* [00:00-03:03]: What is an instructional designer?

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e95/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Discuss the purpose of a flow diagram
- Provide an example of a flow diagram
- Describe the Fulbright program
- Discuss the role of an instructional designer

## Guiding Questions for Listening

- What example does Dr. Branch provide of a flow diagram?
- What does Dr. Branch explain is the reason he began to look at how to better express the process of instructional design?
- What does Dr. Branch share he has discovered about the perception of rectilinear and curvilinear diagrams?
- What examples does Dr. Branch provide as a way to illustrate his point, “any system must be as complex as the entity it is trying to address”?
- What is the Fulbright program?
- What does Dr. Branch share have been some of the benefits he is still experiencing from his time as a Fulbright scholar?
- What does Dr. Branch encourage listeners to think about with regard to pursuing international assignments?
- According to Dr. Branch, what would be some of the benefits of completing replication studies within the social sciences?
- How does Dr. Branch describe the role of an instructional designer? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e95/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e95/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Rob Branch if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, January 22). *Dr. Rob Branch on Diagramming Complex Relationships* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e95/>

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## Notes



# Dr. Rebecca Pope-Ruark on Agile Methodology [00:00-37:47]

Research in Action - Episode 96

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Rebecca Pope-Ruark is an associate professor of English at Elon University where she coordinates the professional writing and rhetoric program and leads the Design Thinking Studio in Social Innovation pilot program. She earned her MA in Professional Communication from Clemson University in 2000 and PhD in Rhetoric and Professional Communication from Iowa State University in 2007. Between her MA and PhD, Rebecca spent two years working in marketing communications in Silicon Valley. Her research interests include student collaboration and project-based learning; Agile project management as strategy for managing both faculty and student work; design thinking pedagogies, especially in the liberal arts; and metic intelligence in professional and technical writing pedagogy. Her work has appeared in disciplinary journals including the *Journal of Business and Technical Communication* and *Technical Communication Quarterly* as well as in *Scholarship of Teaching and Learning* journals. She is the author of the faculty development book, *Agile Faculty: Practical Strategies for Managing Research, Service, and Teaching*, available now from the University of Chicago Press. More information about Rebecca can be found on her website <http://www.rebeccapoperuark.com>

*Segment One* [00:00-12:59] - In this segment, Rebecca describes the main elements of the agile project management methodology.

*Segment Two* [13:00-26:51] - In this segment, Rebecca shares about two specific aspects of the agile method.

*Segment Two* [26:52-37:47] - In this segment, Rebecca shares about the concept of a scrum board and describes how she uses one.

*Bonus Clip #1* [00:00-6:14]: Using a Scrum Board in the Classroom

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e96/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define agile methodology
- Describe the purpose of a scrum board
- Provide an example of agile methodology as applied to academia
- Discuss the purpose and process of a “sprint”

## Guiding Questions for Listening

- How does Dr. Pope-Ruark define the term agile?
- What does Dr. Pope-Ruark explain led her to pursue a productivity management system?
- What is a scrum board?
- According to Dr. Pope-Ruark, how might a productivity management system be beneficial to those in academia?
- What example does Dr. Pope-Ruark provide for how a productivity management system could be used within a writing group?
- How does Dr. Pope-Ruark explain the purpose and application of the agile method?
- What is the difference between a to-do list and a backlog?
- How does Dr. Pope-Ruark describe a “sprint”?
- What are the three areas of a scrum board?
- What are some of Dr. Pope-Ruark’s recommendations for using a scrum board within a classroom? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e96/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e96/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Rebecca Pope-Ruark if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, January 29). *Dr. Rebecca Pope-Ruark on Agile Methodology* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e96/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Bryan Alexander, an internationally known futurist, researcher, writer, speaker, consultant, and teacher, working in the field of how technology transforms education. He completed his English language and literature PhD at the University of Michigan.

Through Bryan Alexander Consulting, LLC, he consults throughout higher education in the United States and abroad. Bryan also speaks widely and publishes frequently, with articles appearing in venues including *The Atlantic Monthly*, *Inside Higher Ed*. He has been interviewed by and featured in such places as MSNBC, US News and World Report, National Public Radio, and the *Chronicle of Higher Education*.

He is currently writing *Transforming the University in the Twenty-First Century: The Next Generation of Higher Education* for Johns Hopkins University Press (forthcoming 2019).

*Segment One* [00:00-20:13] - In this segment, Brian shares about how he came to work as an independent researcher.

*Segment Two* [20:14-34:41] - In this segment, Brian describes his research as a futurist.

*Bonus Clip #1* [00:00-09:57]: Researching as an Alternative Academic

*Bonus Clip #2* [00:00-03:44]: Dealing with Loneliness as an Independent Researcher

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/episode/97/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define the term “futurist”
- Describe potential benefits and challenges of being an independent researcher
- Discuss Dr. Alexander’s observations as to why people appear to have difficulty in thinking about the future
- Explain the purpose of futuristic thinking as applied to academia

## Guiding Questions for Listening

- According to Dr. Alexander, what seems to allow people to talk about technology more easily?
- What does Dr. Alexander explain are some of the benefits and drawbacks of being an independent researcher?
- According to Dr. Alexander, what does he describe can be a “calling card” for publishing in education?
- What does Dr. Alexander explain has been an effective way for him to market his work and build connections with publishers?
- What appear to be some of the potential risks in using a crowdfunding site for research projects?
- How does Dr. Alexander define the term “futurist”?
- According to Dr. Alexander, why do people seem to have a difficult time thinking about the future?
- How did the profession of futurism develop?
- What does Dr. Alexander share are some of the challenges of being a futurist?
- According to Dr. Alexander, what does he explain may be some of the contributing factors to the growing body of alternative academics? (See also, Bonus Clip #1)
- How has Dr. Alexander found community as an independent researcher? (See also, Bonus Clip #2)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e97/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e97/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Bryan Alexander if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, February 5). *Dr. Bryan Alexander on Researching the Future* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e97/>

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## Notes

# Dr. Bonnie Stewart on Opening the Dissertation [00:00-35:51]

Research in Action - Episode 98

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Bonnie Stewart, an educator and social media researcher fascinated by who we are when we're online. Program Lead | Designer for Experiential Education at the University of Prince Edward Island, and Founder | Director of the media literacy initiative Antigonish 2.0, Bonnie is interested in the intersections of knowledge, technology, and identity. As Director of Edactive Technologies, Inc., Bonnie keynotes and consults about digital strategy, digital pedagogy, and community capacity-building around the world.

Bonnie's work is centered in her capacity to help people find meaningful ways to work and think together. Based in participatory leadership models, her research, workshops, and teaching explore the changing realities of contemporary higher education. Bonnie has worked as a teacher and facilitator, online and off, for more than two decades, and enjoys few things more than a lively discussion. She does her best thinking out loud on Twitter as @bonstewart.

*Segment One* [00:00-15:34] - In this segment, Bonnie shares about how she opened the process of her dissertation to a larger audience.

*Segment Two* [15:35-35:51] - In this segment, Bonnie shares about her experience with an open dissertation defense.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e99/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe an example of how one could open a dissertation
- Explain the purpose of opening a dissertation
- Discuss the benefits and challenges of opening up a dissertation defense
- Review recommendations for building networks and engaging in academic communities via social media

## Guiding Questions for Listening

- How does Dr. Stewart explain she opened the process of her dissertation?
- What led Dr. Stewart to the idea of opening her dissertation to a larger audience?
- What does Dr. Stewart explain were some of the challenges in opening up her dissertation to a public audience, specifically through social media?
- What does Dr. Stewart explain may have been some of the benefits of being fairly well-established within her Twitter community?
- How did Dr. Stewart approach the opening of her dissertation defense?
- What does Dr. Stewart explain may be some of the benefits and challenges of opening a dissertation defense?
- What are some of Dr. Stewart's recommendations to those who may be interested in opening up their dissertations?
- According to Dr. Stewart, when would it *not* be beneficial to open a dissertation?
- What are some of Dr. Stewart's recommendations for building a network and engaging in academic communities via social media?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e98/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e98/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Bonnie Stewart if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, February 12). *Dr. Bonnie Stewart on Opening the Dissertation* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e98/>

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## Notes

# Dr. Jesse Stommel on Founding a Journal [00:00-34:55]

Research in Action - Episode 99

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Jesse Stommel, Executive Director of the Division of Teaching and Learning Technologies at University of Mary Washington. He is also Co-founder of *Digital Pedagogy Lab* and *Hybrid Pedagogy: a digital journal of learning, teaching, and technology*. Jesse is a documentary filmmaker and teaches courses about digital pedagogy, film, and new media. Jesse experiments relentlessly with learning interfaces, both digital and analog, and works in his research and teaching to emphasize new forms of collaboration. He's got a rascal pup, Emily, and two clever cats, Loki and Odin. He's online at [jessestommel.com](http://jessestommel.com) and on Twitter @Jessifer.

*Segment One* [00:00-12:18] - In this segment, Jesse shares about the experience of founding the journal *Hybrid Pedagogy*.

*Segment Two* [12:19-21:47] - In this segment, Jesse shares about his recent edited collection on disrupting the digital humanities.

*Segment Three* [21:47-34:55] - In this segment, Jesse shares about a recent project that gives students the opportunity to create websites.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e99/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe an example of the process for founding an online journal
- Define digital humanities
- Discuss an example of “disrupting the digital humanities”
- Review Dr. Stommel’s suggestions regarding professional websites

## Guiding Questions for Listening

- Before *Hybrid Pedagogy* became a journal, what does Dr. Stommel explain was his initial goal with the idea for *Hybrid Pedagogy*?
- What does Dr. Stommel explain were some of the various components involved in the process of creating the journal?
- What does Dr. Stommel attribute as the “biggest success” of the journey to founding *Hybrid Pedagogy*?
- How does Dr. Stommel explain they use collaborative peer review for the journal’s editorial process?
- According to Dr. Stommel, what were some of the challenges going into the founding of a journal?
- How does Dr. Stommel define the digital humanities?
- What are some of examples of “disrupting the digital humanities”?
- What is the “Domain of One’s Own”?
- What are some of Dr. Stommel’s suggestions regarding professional websites?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e99/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e99/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Jesse Stommel if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, February 19). *Dr. Jesse Stommel on Founding a Journal* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e99/>

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## Notes



# Dr. Wendy Belcher Returns to Celebrate 100 Episodes! [00:00-33:04]

Research in Action - Episode 100

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Wendy Laura Belcher, an associate professor of African literature at Princeton University with a joint appointment in the department of comparative literature and the department of African American studies. Wendy is the author of the best seller *Writing Your Journal Article in Twelve Weeks: A Guide to Academic Publishing Success*. She is also the very first guest that we ever had on the “Research in Action” podcast.

*Segment One* [00:00-11:13] - In this segment, Wendy shares about what she's been working on in the two years since she first appeared on the podcast.

*Segment Two* [11:14-21:25] - In this segment, Wendy shares some of the ways that she set herself up for effective sabbatical writing.

*Segment Three* [21:26-33:04] - In this segment, Wendy shares about some of the challenges of a writing sabbatical and how she is overcoming them.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e100/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe storied writing
- Discuss examples of the benefits and challenges associated with a writing sabbatical
- Discuss strategies for developing routines and breaks while writing

## Guiding Questions for Listening

- What does Dr. Belcher mean by, “In literature, we often don’t have human beings”?
- According to Dr. Belcher, what can be a time consuming aspect of writing in a more storied way?
- What does Dr. Belcher describe have been some of the challenges she has experienced while writing during her sabbatical?
- What does Dr. Belcher share have been some of the physical challenges of writing during her sabbatical?
- Dr. Belcher describes herself as a “reviser”. How does she explain this affects her writing?
- What does Dr. Belcher suggest may be some of the benefits and drawbacks of researching while writing?
- What does Dr. Belcher share are some of the strategies she has found effective for keeping writing time separate from “free time”?
- What does Dr. Belcher describe are some of the strategies that have helped her develop a writing routine?
- How does Dr. Belcher explain she remains motivated and productive in her writing?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e100/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e100/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Wendy Belcher if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, February 26). *Dr. Wendy Belcher Returns to Celebrate 100 Episodes!* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e100/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Ian E. Munanura, Ph.D., an Assistant Professor in the Department of Forest Ecosystems and Society at Oregon State University. He earned a Doctorate in Parks, Recreation and Tourism Management at Clemson University in South Carolina. He also earned a Master of Science degree in Tourism and Wildlife Conservation from the University of Kent in the United Kingdom. He teaches courses on ecotourism and sustainable communities, sustainable tourism planning, and a study abroad course on international perspectives of ecotourism and political ecology. His scholarship seeks to identify the human resilience and wellbeing constraints, which could create livelihood vulnerability, human dependence on forest resources for livelihoods, and loss of biodiversity. He also seeks to identify the potential of community-based tourism to mitigate human resilience and wellbeing constraints, which could influence biodiversity loss. His geographical area of scholarship interest is the Pacific Northwest, Southeast Asia, and East Africa. Previously, Dr. Munanura has worked in Rwanda as a field project director and country director for the Wildlife Conservation Society. He also led a \$5 million project funded by the US Agency for International Development in Rwanda, designed to integrate and promote sustainable tourism, biodiversity conservation, human health, and economic development.

*Segment One* [00:00-12:37] - In this segment, Ian shares about his research on ecotourism.

*Segment Two* [12:38-24:59] - In this segment, Ian discusses what led him to research rural communities.

*Segment Three* [25:00-33:37] - In this segment, Ian shares about his international education has impacted his research.

*Bonus Clip* [25:00-33:37]: Tourism as a Way to Strengthen Emotional Well Being and Resilience

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e101/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe ecotourism
- Provide an example of ecotourism
- Explain the potential socioeconomic benefits of ecotourism
- Discuss some of the various factors involved for establishing tourism within a community

## Guiding Questions for Listening

- What is ecotourism?
- What is an example of an ecotour?
- How can ecotourism potentially help provide socioeconomic benefits to a community?
- What does Dr. Munanura share led him to research rural communities and conservation?
- What does Dr. Munanura explain is the connection of tourism to wildlife and community conservation?
- What does Dr. Munanura explain are some of the challenges in engaging with local communities about tourism opportunities?
- What does Dr. Munanura share are some of the various factors that need to be considered prior to establishing an opportunity for tourism within a community?
- What does Dr. Munanura share he has observed about the role of tourism between the various geographic regions in which he has lived?
- According to Dr. Munanura, how can ecotours strengthen the community of the area to which a tourist may travel? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e101/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e101/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Ian Munanura if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, March 5). *Dr. Ian E. Munanura on Ecotourism* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e101/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Emma Compton-Daw, the Academic Development Lead for Research at the University of Strathclyde. She supports the professional and career development of postdoctoral researchers, postdocs, and academics at Strathclyde. She is also an expert panel member for the review of the UK’s Concordat to Support the Career Development of Researchers. Before transitioning into this role Emma spent 11 years working as a postdoctoral researcher in the UK and USA. During this time, she co-chaired the UK Research Staff Association (UKRSA) and a departmental Research Staff Association.

*Segment One* [00:00-11:06] - In this segment, Emma describes the role of a post-doctoral researcher.

*Segment Two* [11:07-21:45] - In this segment, Emma shares some of the methods for post-doc professional development.

*Segment Three* [21:46-36:57] - In this segment, Emma shares some strategies researchers can use to aid in their own professional development.

*Bonus Clip* [00:00-01:41]: What Emma Wishes She Could Tell People about the Post-doc Role

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e102/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define post-doc
- Describe an example of a post-doc role
- Discuss the benefits and challenges typically associated with the role of a post-doc
- Cite resources for post-doc professional development

## Guiding Questions for Listening

- How does Dr. Compton-Daw define post-doc?
- What is the typical duration period for a post-doc role?
- In Dr. Compton-Daw’s experience, which disciplines tend to have more post-docs compared to others?
- What appear to be some of the challenges associated with the role of a post-doc?
- What are some of Dr. Compton-Daw’s suggestions for ways one may be able to help prepare themselves to enter into a post-doc role?
- What advice does Dr. Compton-Daw regarding the pursuit of professional development for post-docs?
- What are some of Dr. Compton-Daw’s suggestions regarding post-doc mentorships?
- What are some professional development resources available to post-docs?
- According to Dr. Compton-Daw, how might involvement in a leadership role be beneficial to a post-doc?
- What are some of Dr. Compton-Daw’s recommendations for post-docs that may not end up in an academic role?
- What does Dr. Compton-Daw share she wishes she could tell people about the post-doc role? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e102/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e102/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Emma Compton-Daw if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, March 12). *Dr. Emma Compton-Daw on Supporting Post-docs* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e102/>

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## Notes

# Dr. Kenny Maes on Community Health Workers [00:00-32:46]

Research in Action - Episode 103

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Kenny Maes, an assistant professor and Graduate Program Director for the Anthropology program in the College of Liberal Arts, and the School of Language, Culture and Society and an adjunct faculty member in Humanitarian Engineering, Global Health, and Public Policy at Oregon State University. Prior to joining OSU, Kenny was a postdoctoral fellow at Brown University’s Population Studies & Training Center, an interdisciplinary demography center specializing in the study of population, health and development. As a biocultural medical anthropologist, he teaches courses on human health that explore the links between what goes on inside human bodies and what happens outside, with a focus on social inequalities, and political and economic determinants of health. Kenny’s research focuses on community health workers: women and men who engage in healthcare, community organizing, and advocacy at the community level, both inside and outside of clinics and hospitals. Since 2006, his research has focused on health and healthcare in Ethiopia. Since coming to OSU in 2012, Kenny has begun to work with colleagues in Oregon to understand the experiences of community health workers in our home state. In his free time, he surfs.

*Segment One* [00:00-14:45] - In this segment, Kenny describes the work of being a biocultural medical anthropologist.

*Segment Two* [14:46-32:46] - In this segment, Kenny discusses his research on community health workers.

*Bonus Clip* [00:00-06:38]: Strategies for Building Trust as a Researcher

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e103/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define biocultural medical anthropology
- Discuss some of the common methodologies used within the field of medical anthropology
- Describe the role of a community health worker

## Guiding Questions for Listening

- What is biocultural medical anthropology?
- What led Dr. Maes to pursue his current realm of study?
- What does Dr. Maes describe are some of the typical methodologies used in his field of study?
- What does Dr. Maes share he discovered about the value of the observation method in his field of study?
- How does Dr. Maes describe the role of a community health worker?
- What has Dr. Maes observed are areas in the role of a community health worker that have not received a lot of attention?
- What Dr. Maes share are some of the differences and similarities regarding community health workers between Ethiopia and Oregon?
- According to Dr. Maes, what is the goal of researching community health workers?
- What does Dr. Maes share are some of his future plans for research surrounding community health worker programs?
- What does Dr. Maes explain about the importance of building trust within the environments in which he studies? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e103/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e103/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Kenny Maes if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, March 19). *Dr. Kenny Maes on Community Health Workers* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e103/>

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## Notes



## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Deborah Loewenberg Ball is the William H. Payne Collegiate Professor of education at the University of Michigan, an Arthur F. Thurnau Professor, and the director of TeachingWorks. She taught elementary school for more than 15 years, and continues to teach mathematics to elementary students every summer. Ball studies the practice of teaching, seeking to identify how its power can be leveraged to disrupt racism, marginalization, and inequity. Much of her research focuses on elementary mathematics as a critical context for understanding teaching practice, examining the endemic challenges of working across difference, and the relational, communicative, and content-understanding entailments of that work. Her current work centers on ways to improve the quality of beginning teaching, particularly for children of color and low-income children.

Ball has authored or co-authored more than 150 publications and has lectured and made numerous major presentations around the world. She serves on the National Science Board and the Mathematical Sciences Research Institute Board of Trustees and is president of the American Educational Research Association. Ball has been elected to the American Academy of Arts and Sciences and the National Academy of Education, and is a fellow of the American Mathematical Society and the American Educational Research Association.

*Segment One* [00:00-18:15] - In this segment, Deborah shares about what she has learned about math education research after decades in the field.

*Segment Two* [18:16-33:54] - In this segment, Deborah shares about her organization TeachingWorks.

*Bonus Clip* [00:00-05:10]: The Research Problem that Keeps Deborah Up at Night

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e104/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Discuss the importance of accessibility within math education
- Describe the purpose of TeachingWorks
- Discuss some of the challenges associated with teacher education

## Guiding Questions for Listening

- What does Dr. Loewenberg Ball explain led her to focus primarily on math education?
- What does Dr. Loewenberg Ball explain she learned from taking math courses that helped her better understand her students’ needs?
- What does Dr. Loewenberg Ball share she has observed over the years regarding the research surrounding math education?
- According to Dr. Loewenberg Ball, how might biases within math education textbooks affect students?
- What is TeachingWorks?
- According to Dr. Loewenberg Ball, how can simulations as a form of practice be helpful to new teachers?
- What does Dr. Loewenberg Ball explain have been some of the challenges within teacher education?
- What does Dr. Loewenberg Ball explain is significant about the connection between school districts and the beginning teaching force?
- What does Dr. Loewenberg Ball share she has observed over the years about the impact of a teacher’s role on society? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e104/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e104/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Loewenberg Ball if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, March 26). *Dr. Deborah Loewenberg Ball on Effective Teacher Education* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e104/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Kris Shaffer, a data scientist with a background in computational musicology. Kris currently works as an Instructional Technology Specialist and Adjunct Instructor of Computer Science at the University of Mary Washington. He also does freelance work in web and social-media intelligence, and serves as a volunteer researcher for Data for Democracy. He is a Contributing Editor and Board member for Hybrid Pedagogy and the lead author and editor of Open Music Theory, an open-source, interactive textbook for undergraduate music theory courses.

*Segment One* [00:00-10:42] - In this segment, Kris discusses his background in computational musicology.

*Segment Two* [10:43-20:50] - In this segment, Kris shares about his motivations for creating open-source software.

*Segment Three* [20:51-33:30] - In this segment, Kris shares about his most recent work on hate speech.

*Bonus Clip* [00:00-04:41]: The Relationship Between Mathematics and Music

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e105/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define computational musicology
- Discuss the purpose of computational musicology
- Describe the purpose of open-source software
- Provide an example of open-source software

## Guiding Questions for Listening

- What is computational musicology?
- What are some examples of computational musicology?
- What does Dr. Shaffer explain are some of the business and cultural aspects of computational musicology?
- What is open-source software?
- According to Dr. Shaffer, what is the ideology behind open-source software?
- What is an example of open-source software?
- What appear to be some of the benefits and challenges of open-source software?
- What does Dr. Shaffer explain led him to begin researching disinformation and hate media?
- What does Dr. Shaffer share have been some of the research methods utilized in his former field of research that have been applicable to his current field of research?
- What does Dr. Shaffer explain is the relationship between mathematics and music? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e105/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e105/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Kris Shaffer if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, April 2). *Dr. Kris Shaffer on Computational Musicology* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e105/>

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## Notes

# Ali Duerfeldt on Research Dissemination Plans [00:00-35:14]

Research in Action - Episode 106

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Ali Duerfeldt, a marketing manager with Oregon State University Extended Campus and a member of the Marketing and Enrollment Services team. She works with internal and external clients managing strategic marketing efforts. As the marketing manager for the OSU Ecampus Research Unit, Ali has most recently worked to implement strategies to promote research projects like the Online Learning Efficacy Research Database and ID Study, as well as managed the implementation of a rebranding strategy for the "Research in Action" podcast. Ali holds a Bachelor of Arts degree from Gonzaga University and a Masters of Education in College Student Services Administration from Oregon State University.

*Segment One* [00:00-11:43] - In this segment, Ali describes the elements included in a research dissemination plan.

*Segment Two* [11:44-23:28] - In this segment, Ali shares her process for coordinating a comprehensive research dissemination plan.

*Segment Three* [23:29-35:14] - In this segment, Ali offers her insights on best practices for branding one's own research as an individual.

*Bonus Clip #1* [00:00-05:10]: Dissemination Plan Example for Research Product

*Bonus Clip #2* [00:00-03:50]: Dissemination Plan Example for Research Study

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e106/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Discuss strategies and examples for creating a dissemination plan
- Describe the elements of a brand
- Explain the role of branding in research dissemination
- Cite project management resources

## Guiding Questions for Listening

- What does Ali Duerfeldt share are some of the “broad base” questions she asks as a way to develop a dissemination strategy?
- What does Ali Duerfeldt explain is the relationship between target audience and a dissemination strategy?
- What does Ali Duerfeldt suggest is a form of dissemination that is often overlooked?
- What does Ali Duerfeldt share are the initial steps she takes to begin outlining a dissemination plan?
- What tips does Ali Duerfeldt share regarding project management?
- What are some ways a unit may be able to share out their research without the aid of a marketing department?
- According to Ali Duerfeldt, what are some of the elements of a brand?
- What does Ali Duerfeldt explain is the role of branding within a research dissemination strategy?
- What are some examples of various outlets in which a research project could be disseminated? (See also, Bonus Clip #1)
- What do Ali Duerfeldt and Dr. Linder discuss are some of the outlets in which they have collaborated to disseminate a study? (See also, Bonus Clip #2)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e106/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e106/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Ali Duerfeldt if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, April 9). *Ali Duerfeldt on Dissemination Plans* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e106/>

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## Notes

# Dr. Jacob Hamblin on the Downwinders Project [00:00-36:20]

Research in Action - Episode 107

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Jacob Darwin Hamblin. The author of *Arming Mother Nature*, *Poison in the Well*, and *Oceanographers and the Cold War*, Jacob writes about the history and politics of science, technology, and environmental issues. His work has appeared in the *New York Times*, *Salon*, and many publications devoted to the history of science, technology, and the natural world. He is Professor of History at Oregon State University.

*Segment One* [00:00-18:19] - In this segment, Jacob describes his work with The Downwinders Project.

*Segment Two* [18:20-36:20] - In this segment, Jacob describes the relationships between his multiple book projects.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e107/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe the Downwinders Case
- Explain the purpose of the Downwinders Project
- Discuss some of the challenges within researching the Downwinders Case

## Guiding Questions for Listening

- What was the Downwinders Case?
- What does Dr. Hamblin explain he initially became interested in the Downwinders Case?
- What does Dr. Hamblin describe are some of the goals of the Downwinders Project?
- What does Dr. Hamblin share are some of his responsibilities as the PI of the Downwinders Project?
- What does Dr. Hamblin explain have been some of the challenges in researching the Downwinders Case?
- What does Dr. Hamblin explain are some of the challenges in identifying people to interview as a part of the Downwinders Project?
- What does Dr. Hamblin explain is the goal of his current book surrounding nuclear “solutions”?
- What does Dr. Hamblin share has been the role of archival research in his work and, more specifically, for his books?
- How does Dr. Hamblin describe the research between each of his books has evolved over time?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e107/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e107/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Jacob Hamblin if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, April 16). *Dr. Jacob Hamblin on the Downwinders Project* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e107/>

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## Notes



## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Patrick Aldrich. Patrick received his bachelor’s degree in Wildlife biology and a minor in Entomology from the University of California, Davis. After graduation, he spent 5 years in various field biology positions, studying a wide array subjects from Bowerbird mating systems in Australia to integrated pest management of ground squirrels in Northern California. He subsequently decided to return to school to pursue a PhD at the University of Hawaii, Manoa, where he studied the spatio-temporal variation of pollination networks in Hawaiian tropical dry forests. Following his graduate work, he was the project director for a project that used spatial analyses to study the random correspondence of fingerprint patterns. Through his work, he has acquired extensive experience in biostatistics. He is currently the data manager and statistician for the Oregon Quality Rating and Improvement System for early childhood and other projects at The Research Institute at Western Oregon University. He continues to apply parametric, non-parametric and likelihood methodologies to analyze various datasets associated with early childhood and educational research.

*Segment One* [00:00-18:52] - In this segment, Patrick discusses the differences between parametric and non-parametric statistical tests and the best practices for using non-parametric tests.

*Segment Two* [18:52-33:31] - In this segment, Patrick discusses how he uses non-parametric statistical tests in his research and how other researchers have used them.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/109/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define mean and median within statistical testing
- Explain parametric and non-parametric testing
- Discuss an example of a non-parametric test
- Review best practices for using non-parametric tests

## Guiding Questions for Listening

- How does Patrick Aldrich define mean and median in statistical testing?
- What does Patrick Aldrich explain are some of the important differences between the mean and median within statistical testing?
- How does Patrick Aldrich define parametric and non-parametric tests?
- What does Patrick Aldrich explain are the differences between parametric and non-parametric tests?
- What example does Patrick Aldrich provide as a way to illustrate the appropriate use of a non-parametric test?
- According to Patrick Aldrich, what are some of the best practices for deciding when to use non-parametric tests?
- What does Patrick Aldrich explain is the role of statistical power within parametric and non-parametric tests?
- How does Patrick Aldrich explain the use of a non-parametric multivariate analysis?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e109/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e109/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Patrick Aldrich if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, April 30). *Dr. Mary Ellen Dello Stritto @ Patrick Aldrich on Non-parametric Statistics* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e109/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Susan Shaw, Professor of Women, Gender, & Sexuality Studies at Oregon State University and the co-PI for OREGON STATE ADVANCE. Susan is the author of *Reflective Faith: A Theological Toolbox for Women* and *God Speaks to Us, Too: Southern Baptist Women on Church, Home, and Society* and the co-author with Mina Carson and Tisa Lewis of *Girls Rock! 50 Years of Women Making Music*. She also serves as the general editor of the 4-volume *Women’s Lives around the World: A Global Encyclopedia*. Susan is the co-author and editor with Janet Lee of a forthcoming new edition of *Gendered Lives, Feminist Visions: Classic and Contemporary Readings in Women and Gender Studies*. She is also the co-author with Grace Ji-Sun Kim of the forthcoming book *Intersectional Theology: An Introductory Guide*, Fortress Press. Susan formerly directed OSU’s School of Language, Culture, and Society, OSU’s Women Studies Program, and OSU’s Difference, Power, & Discrimination Program.

*Segment One* [00:00-12:21] - In this segment, Susan shares about using a feminist perspective in her research in theology.

*Segment Two* [12:22-23:43] - In this segment, Susan describes the process of creating a new research method in feminist theology.

*Segment Three* [23:44-36:15] - In this segment, Susan shares about her experiences as an academic blogger.

*Bonus Clip* [00:00-03:04]: Defining Intersectionality

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/episode/110/>

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## Learning Outcomes

By listening to this episode, students will be able to:

- Describe an example of developing a new research method
- Discuss some potential challenges in developing a new research methodology
- Describe the purpose academic blogging
- Define intersectionality

## Guiding Questions for Listening

- What does Dr. Shaw share are the types of research methods she utilizes in her research?
- How does Dr. Shaw explain she decides which types of research methods to use in her research?
- According to Dr. Shaw, what might be some of the challenges in developing a new research method?
- How does Dr. Shaw explain she began academic blogging?
- How does Dr. Shaw explain she chooses topics for academic blogging?
- What does Dr. Shaw share has been her experience as an academic blogger?
- According to Dr. Shaw, what is the purpose of academic blogging?
- How does Dr. Shaw define intersectionality? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e110/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e110/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Susan Shaw if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, May 7). *Dr. Susan Shaw on Developing a New Methodology* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e110/>

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## Notes

# Mike Caulfield on the Digital Polarization Initiative [00:00-33:48]

Research in Action - Episode 111

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Mike Caulfield, director of blended and networked learning at Washington State University Vancouver, and head of the Digital Polarization Initiative. In these roles, Mike is changing the way that digital literacy is taught. His current initiative with AASCU's American Democracy Project combines a grassroots approach to pedagogical change with a formal 11 school pilot testing new modes of teaching civic online literacy.

*Segment One* [00:00-16:25] - In this segment, Mike shares how he got started with the Digital Polarization Initiative.

*Segment Two* [16:26-33:48] - In this segment, Mike offers some ideas for how researchers can share their work.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e111/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe the Digital Polarization Initiative
- Discuss the purpose of “civic online reasoning” assessments
- Explain the purpose of reuse within the context of digital information
- Provide an example of informal sharing

## Guiding Questions for Listening

- What is the Digital Polarization Initiative?
- What does Mike Caulfield explain led him to develop this initiative?
- What is the purpose of the “civic online reasoning” assessments?
- How does Mike Caulfield explain the Digital Polarization Initiative has impacted his own practices?
- According to Mike Caulfield, how might it be easy for people to label certain internet findings as “fake”?
- What does Mike Caulfield explain are some of the benefits of reuse?
- According to Mike Caulfield, what might be some benefits of informal sharing?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e111/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e111/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Mike Caulfield if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, May 14). *Mike Caulfield on the Digital Polarization Initiative* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e111/>

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## Notes

# Dr. Melanie Nelson on Research Project Management [00:00-34:52]

Research in Action - Episode 112

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Melanie Nelson, a project manager with more than 15 years of experience in the biotechnology and pharmaceutical industries. She has a Ph.D. in biochemistry from The Scripps Research Institute and currently works for the scientific software company Dotmatics. Over the course of her career, she has managed projects and teams in small and mid-size biotech companies and served as a contractor and consultant for academics, government agencies, and large companies. She has a long-standing interest in techniques to improve time use and productivity, both for individuals and teams and is the author of *Taming the Work Week: Work Smarter Not Longer* and *Navigating the Path to Industry: A Hiring Manager's Advice for Academics Looking for a Job in Industry*. You can find her online at [BeyondManaging.com](http://BeyondManaging.com) and on Twitter at [@melanie\\_nelson](https://twitter.com/melanie_nelson).

*Segment One* [00:00-12:39] - In this segment, Melanie shares some project management best practices for researchers.

*Segment Two* [12:40-22:07] - In this segment, Melanie shares strategies for managing team-based projects.

*Segment Three* [22:08-34:52] - In this segment, Melanie shares about some of her personal time management techniques.

*Bonus Clip* [00:00-02:25]: Working with Disorganized Collaborators

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e112/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define project management
- Review important basic elements of project management
- Discuss common challenges associated with research project management

## Guiding Questions for Listening

- How does Dr. Nelson define project management?
- According to Dr. Nelson, why is project management important for effective research?
- What does Dr. Nelson explain are some of the important elements of project management?
- According to Dr. Nelson, why is it important to think about potential risks associated with a project?
- What does Dr. Nelson explain might be some common challenges within research project management?
- According to Dr. Nelson, how might knowing the personalities of collaborators be helpful within a team project?
- According to Dr. Nelson, why might it be more important to have a communication plan as opposed to a project leader?
- What does Dr. Nelson share are some of the project management lessons she has been able to incorporate into her personal life?
- What are some of Dr. Nelson's suggestions for engaging with a disorganized collaborator? (See also, Bonus Clip.)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e112/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e112/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Melanie Nelson if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, May 21). *Dr. Melanie Nelson on Research Project Management* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e112/>

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## Notes



# Dr. Kevin Doxzen on Science Communication [00:00-33:29]

Research in Action - Episode 113

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Kevin Doxzen who received his PhD from the lab of Jennifer Doudna at UC Berkeley. Under Jennifer's guidance, Kevin explored the structure and function of RNA and DNA binding proteins using x-ray crystallography. Following his PhD Kevin transitioned into his role as science communications specialist at the Innovative Genomics Institute. In this position, Kevin develops educational material and resources for scientists and the general public with the goal of communicating the latest genome engineering technology.

*Segment One* [00:00-11:47] - In this segment, Kevin describes the field of science communication.

*Segment Two* [11:48-21:38] - In this segment, Kevin shares how he entered into the field of science communication.

*Segment Three* [21:39-33:29] - In this segment, Kevin shares about a typical day in the lab from his research experiences.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e113/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define science communication
- Provide examples of various mediums through which science communication can occur
- Discuss potential benefits and challenges within the field of science communication
- Review recommendations for entering the field of science communication

## Guiding Questions for Listening

- How does Dr. Doxzen define science communication?
- What does Dr. Doxzen explain are some of the mediums through which science communication can occur?
- What are some of the audiences with which Dr. Doxzen has worked regarding science communication?
- According to Dr. Doxzen, what skills contribute to effective science communication?
- What are some examples of science communication?
- What examples does Dr. Doxzen provide to illustrate introverted and extroverted science communication?
- What does Dr. Doxzen share have been some of the unexpected benefits that have come out of his work in science communication?
- According to Dr. Doxzen, what might be some of the challenges within the field of science communication?
- What are some of Dr. Doxzen recommendations for those seeking to enter the field of science communication?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e113/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e113/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Kevin Doxzen if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, May 28). *Dr. Kevin Doxzen on Science Communication* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e113/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Linda Henderson, an early years researcher in the Faculty of Education at Monash University. Her research is underpinned by a fundamental desire to contribute to the (re)making of life generating spaces and places. This work is grounded within feminist ideas whilst drawing on post-structural and post-humanist ideas, methodologies and practices. Her work includes poetry, narrative and creativity with the aim of generating new and just imaginaries for education and society.

*Segment One* [00:00-16:24] - In this segment, Linda defines and describes her experience with participatory action research.

*Segment Two* [16:25-33:13] - In this segment, Linda discusses how she is incorporating feminist methodologies into her work.

*Bonus Clip* [00:00-05:16]: Pushing Methodological Boundaries

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/episode/114/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define participatory action research
- Explain the difference between action research and participatory action research
- Discuss examples of the application of feminist methodologies to participatory action research

## Guiding Questions for Listening

- What is participatory action research (PAR)?
- What is an example of participatory action research?
- What does Dr. Henderson explain is the difference between action research and participatory action research?
- What does Dr. Henderson share initially drew her to working with the participatory action research methodology?
- According to Dr. Henderson, how does she apply a feminist approach to participatory action research?
- How does Dr. Henderson explain she utilized the notion of “affect” within her research?
- How does Dr. Henderson explain she continues to develop her understanding of the methodologies she utilizes within her research?
- What are some of Dr. Henderson’s recommendations for those seeking to learn more about feminist methodologies?
- What does Dr. Henderson share are some of the various methodologies she has utilized within her research? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e114/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e114/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Linda Henderson if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, June 4). *Dr. Linda Henderson on Participatory Action Research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e114/>

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## Notes

# Dr. Avi Kaplan on Methodological Diversity [00:00-35:15]

Research in Action - Episode 115

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Avi Kaplan, an Associate Professor of Educational Psychology at Temple University in Philadelphia. Before that, he was a faculty member in the Department of Education at Ben Gurion University of the Negev, Israel. Avi’s research interests focus on motivation and identity development, with particular interest in the role of the environment in these processes. His recent research involves the application of the Complex Dynamic Systems approach to identity and motivation, and the use of collaborative design-based interventions for promoting educators’ and students’ motivation and identity exploration around the curriculum. His recent publications include chapters in the 2012 APA Educational Psychology Handbook on the application of motivation theory to educational practice, and in the 2016 Handbook of Motivation at School on learning environments and motivation, and special issues in the Educational Psychologist and in Contemporary Educational Psychology on identity formation and motivation. Avi is a Fellow of the Association of Psychological Science, the American Psychological Association, and the Eastern Psychological Association. He is also the current Editor of the Journal of Experimental Education. Avi received his Ph.D. from the Combined Program in Education and Psychology at the University of Michigan.

*Segment One* [00:00- 18:01] - In this segment, Avi shares about his research on learning motivation.

*Segment Two* [18:02-35:15] - In this segment, Avi discusses the importance of using a diverse range of methods.

*Bonus Clip* [00:00-03:31]: Measuring Motivation

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e115/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Provide examples of motivating and demotivating parameters
- Describe methodological diversity
- Discuss some of the challenges in achieving methodological diversity

## Guiding Questions for Listening

- What does Dr. Kaplan explain are some of the varying factors involved in motivation?
- What is an example of a motivating parameter?
- What does Dr. Kaplan describe are demotivating parameters?
- How does Dr. Kaplan explain the relationship of motivation to identity?
- How does Dr. Kaplan explain methodological diversity?
- According to Dr. Kaplan, how is educational psychology failing at methodological diversity?
- What does Dr. Kaplan explain may be some of the challenges in achieving methodological diversity?
- According to Dr. Kaplan, what are some of the ways in which motivation is measured? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e115/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e115/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Avi Kaplan if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, June 11). *Dr. Avi Kaplan on Methodological Diversity* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e115/>

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## Notes

# Dr. Mary Ellen Dello Stritto & Dr. Mary Kite on Validity, Sampling, and Meta-analysis [00:00-31:20]

Research in Action - Episode 116

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Mary Kite. Mary Kite received her B.A., M.S., and Ph.D. from Purdue University. A social psychologist, she is currently Professor of Social Psychology at Ball State University. Strongly committed to psychology education at all levels, she is Past-President of The Society for the Teaching of Psychology (STP, APA Division 2); she has held a number of other leadership roles for STP. She also chaired the APA Presidential Task Force on Diversity Education Resources and is Past President of the Midwestern Psychological Association. She is a Fellow of APA Divisions 2, 8, 9, 35, & 44 and of the Association for Psychological Science and the Midwestern Psychological Association. She maintains an active research program in the area of stereotyping and prejudice, including co-authoring *The Psychology of Prejudice and Discrimination* (3e) with Bernard Whitley, Jr.; Kite and Whitley also co-authored *Principles of Research in Behavioral Science* (4e). Recognitions include the Charles L. Brewer Award for Distinguished Teaching in Psychology from the American Psychological Foundation (2014) and a Presidential Citation from the Society for the Teaching of Psychology (2011). She was selected as a G. Stanley Hall Lecturer for the American Psychological Association in 2009 and was named a Minority Access National Role Model in 2007.

*Segment One* [00:00-08:03] - In this segment, Dr. Kite discusses the importance of external validity in experimental research.

*Segment Two* [08:04-18:12] - In this segment, Dr. Kite discusses sampling issues in quantitative research methods.

*Segment Three* [18:13-31:20] - In this segment, Dr. Kite describes the statistical technique of meta-analysis and shares findings from a recent meta-analysis.

*Bonus Clip* [00:00-04:39]: The Importance of Having a Representative Sample

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e116/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define external validity
- Discuss some of the challenges of sampling in quantitative methodologies
- Describe an example of a meta-analysis study
- Discuss the how representative samples are related to generalizability

## Guiding Questions for Listening

- How does Dr. Kite define external validity?
- What does Dr. Kite explain are the two ways to think about external validity?
- What appear to be some of the challenges of sampling in quantitative methodologies?
- According to Dr. Kite, what is important to keep in mind with regard to crowd-sourcing samples?
- What does Dr. Kite explain are some of the biases within crowd-sourced sampling that may be difficult to recognize?
- What is the purpose of a meta-analysis study?
- According to Dr. Kite, how are representative samples related to generalizability? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e116/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e116/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Mary Kite if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, June 18). *Dr. Mary Ellen Dello Stritto @ Dr. Mary Kite on Validity, Sampling, and Meta-analysis*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e116/>

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## Notes



# Dr. Bastian Minkenberg on Genome Editing [00:00-32:07]

Research in Action - Episode 117

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Bastian Minkenberg, a postdoctoral scholar in the Innovative Genomics Institute’s agricultural genomics branch. He started working on genome-editing in the food staple rice during his time as a Beachell-Borlaug International Scholar at Penn State. He now continues his efforts to improve disease resistance and yield of crops at UC Berkeley. Bastian is originally from Germany and obtained his bachelor and master degrees at RWTH Aachen University. His goal during his time at the Innovative Genomics Institute is to develop tools for precise genome-editing and accelerated plant breeding using advanced plant tissue culture and CRISPR methods. Another interest is to develop bioinformatic tools to avoid off-target editing in plants and to increase on-target activity. As ultimate goal, Bastian tries to develop an efficient gene repair system to easily change genetic information in crops to make them healthier and sturdier.

*Segment One* [00:00-12:19] - In this segment, Bastian describes his work with genome editing.

*Segment Two* [12:20-22:02] - In this segment, Bastian shares some of the more practical applications of his work.

*Segment Three* [22:03-32:07] - In this segment, Bastian discusses the importance of mentoring for researchers.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e117/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe genome editing
- Explain some of the various applications of genome editing
- Discuss some of the tensions surrounding genome editing
- Discuss the importance of mentorship for a researcher

## Guiding Questions for Listening

- What is a genome?
- What is genome editing?
- What are some examples of how genome editing is being applied?
- How does Dr. Minkenberg explain the application of genome editing to plants?
- What is the difference between gene insertion and genome editing?
- What are some of the tensions surrounding genome editing?
- What does Dr. Minkenberg share are some of the various technological tools involved in genome editing?
- According to Dr. Minkenberg, why is mentorship important for researchers?
- How did Dr. Minkenberg seek out his own mentorship opportunities?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e117/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e117/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Bastian Minkenberg if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, June 25). *Dr. Bastian Minkenberg on Genome Editing*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e117/>

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## Notes

# Dr. Nancy Segal on Researching Twins [00:00-35:19]

Research in Action - Episode 118

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Nancy Segal, Professor of Psychology at California State University, Fullerton (CSUF) and Director of the Twin Studies Center which she founded in 1991. Dr. Segal received a B.A. in psychology and literature from Boston University (1973), and an M.A. (1974) and Ph.D. (1982) in the Social Sciences and Behavioral Sciences from the University of Chicago. From 1982-1991 she was a post-doctoral fellow and research associate at the University of Minnesota, affiliated with the well-known Minnesota Study of Twins Reared Apart. Dr. Segal has authored over 200 scientific articles and book chapters, plus several books on twins. Her latest book is *Accidental Brothers: The Story of Twins Switched at Birth and the Power of Nature and Nurture* and follows the life histories of two sets of identical Colombian twins who were inadvertently exchanged at birth, and provides a number of interesting research findings. Her 2012 book, *Born Together-Reared Apart: The Landmark Minnesota Twin Study* (2012, Harvard University Press) won the 2013 William James Book Award from the American Psychological Association. Her other books include *Someone Else's Twin*, *Indivisible by Two*, *Entwined Lives*, and *Twin Mythconceptions*, which describes false beliefs about twins and provides much needed correction.

*Segment One* [00:00- 12:30] - In this segment, Nancy describes how she got started researching twins.

*Segment Two* [12:31-23:55] - In this segment, Nancy discusses how she frames her research for a more general audience.

*Segment Three* [23:56-35:19] - In this segment, Nancy shares about some of her most recent studies on twins.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e118/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Discuss suggestions for improving communication of scientific research to the public
- Describe an example of a process for writing a book
- Provide an example of the application of scientific research within a legal domain

## Guiding Questions for Listening

- What led Dr. Segal to researching twins?
- What does Dr. Segal share have been some of the broad outcomes of her research on twins?
- According to Dr. Segal's research, what are some of the contributing factors to the increased rates of twins?
- What are some of Dr. Segal's suggestions for improving communication of research findings to the general public?
- What does Dr. Segal share is her process for approaching the development of a book?
- What does Dr. Segal explain have been some additional applications of her twins research, specifically within the legal domain?
- In Dr. Segal's experience, what has been the overall public response to twins research?
- What does Dr. Segal share has allowed her to remain engaged with twins research throughout her career?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e118/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e118/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Nancy Segal if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, July 2). *Dr. Nancy Segal on Researching Twins*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e118/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Brad Shuck, an Associate Professor and Program Director of both the Health Professions Education and Human Resources and Organizational Development programs in the School of Medicine and College of Education and Human Development at the University of Louisville. His primary areas of research include the application, meaning, and measurement of employee engagement, emerging areas of positive psychology, and leader development. His research has been featured in refereed journals such as *Leadership and Organizational Studies*, the *Journal of Happiness Studies*, *Human Resource Development Review*, *Human Resource Development Quarterly*, and others. He is routinely cited in US-based international media outlets including Forbes, The Washington Post, and TIME, as well as international outlets including Business World Online and the Hindu Times. Shuck was named the 2016 Early Career Scholar by the Academy of Human Resource Development and has received several awards for his applied research. He is a Commonwealth Scholar and a member of the Honorable Order of Kentucky Colonels and has done extensive work with the United States Army Cadet-Command, Ft. Knox, Kentucky.

*Segment One* [00:00-13:40] - In this segment, Brad shares about some of his research on engagement at work.

*Segment Two* [13:41-24:44] - In this segment, Brad discusses some of his research on health in the workplace.

*Segment Three* [24:45-36:37] - In this segment, Brad discusses the concept of capacity as it relates to effective work.

*Bonus Clip* [00:00-05:15]: How to Create Highly-engaging Work Environments

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e119/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe engagement at work
- Discuss the importance of engagement of work
- Provide an example of how health and work can intersect
- Review recommendations for encouraging higher levels of engagement at work

## Guiding Questions for Listening

- How does Dr. Shuck describe engagement at work?
- According to Dr. Shuck’s research, what are some illustrative examples of engagement at work?
- Why is engagement at work important?
- How does Dr. Shuck define dysfunction at work?
- According to Dr. Shuck, how can work and health intersect?
- What are the six behaviors of compassion?
- What are some of Dr. Shuck’s recommendations for becoming more engaged at work?
- How does Dr. Shuck explain capacity as it relates to work?
- What are some of Dr. Shuck’s recommendations for encouraging higher levels of engagement with employees? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e119/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e119/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Brad Shuck if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, July 9). *Dr. Brad Shuck on Engagement in the Workplace*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e119/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Ludovico Cademartiri, who obtained a Laurea degree in Materials Science from the University of Parma in 2002 and a PhD in Chemistry from the University of Toronto in 2008 with Geoffrey A. Ozin. He was a NSERC Postdoctoral Fellow in the group of George M. Whitesides at Harvard University. His work spans materials chemistry, physical chemistry, molecular electronics, flame manipulation, plasma processing, polymers, and environments-by-design and has been recognized by national and international awards, most recently the Beckman Young Investigator Award, and the Plant Science Institute Faculty Fellow Award. He has been at Iowa State since 2012.

*Segment One* [00:00- 12:12] - In this segment, Ludovico describes his research on plants.

*Segment Two* [12:13-22:06] - In this segment, Ludovico shares about some of his research on plasmas.

*Segment Three* [22:07-34:17] - In this segment, Ludovico discusses the building blocks of his career.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e121/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Discuss examples of some broader impacts from plant research
- Describe plasma as it relates to plants
- Explain examples of practical and scientific applications of creating more solid structures out of plasma removal

## Guiding Questions for Listening

- What are some examples of the broader impacts of plant research?
- According to Dr. Cademartiri, what makes Legos an ideal building block to create habitats for living organisms?
- How does Dr. Cademartiri define plasma as it relates to plants?
- What does Dr. Cademartiri explain are some of the practical and scientific applications of removing plasma for more solid structures?
- What are some of the ways in which plasma can be generated?
- What does Dr. Cademartiri explain are some of the advantages to using simple tools as opposed to complicated pieces of equipment for his work with plasma?
- What does Dr. Cademartiri share became a valuable experience in working with an advisor during his education?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e121/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e121/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Ludovico Cademartiri if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, July 23). *Dr. Ludovico Cademartiri on Researching Plants*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e121/>

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## Notes



# Dr. Rebekah Willson on Grounded Theory [00:00-36:37]

Research in Action - Episode 122

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Rebekah Willson, a Lecturer in Information Science in the Department of Computer and Information Sciences, University of Strathclyde, Glasgow, UK. Originally from Canada, she obtained her PhD from Charles Sturt University in Australia in 2016. Her dissertation focused on the experience of individuals transitioning from doctoral student to early career academic. Her main area of research is in information behavior including what information individuals need and how they find, share, and use that information -- particularly in the workplace. Her latest research examines the precarity in modern universities and the influence that has on the information behaviour of academics on short-term contracts. For more information and her CV, please go to [rebekahwillson.com](http://rebekahwillson.com)

*Segment One* [00:00-12:25] - In this segment, Rebekah describes her research in information behavior.

*Segment Two* [12:26-24:27] - In this segment, Rebekah shares some of her experiences using grounded theory as a methodology.

*Segment Three* [24:28-36:57] - In this segment, Rebekah shares about her most recent research on academics on short-term contracts.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e122/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe information behavior
- Define grounded theory
- Discuss potential benefits and challenges in the grounded theory methodology

## Guiding Questions for Listening

- How does Dr. Willson describe information behavior?
- What are some of the disciplines in which information behavior could be applied?
- What does Dr. Willson explain are some examples of the practical side of information behavior research?
- How does Dr. Willson define grounded theory?
- According to Dr. Willson, what are some of the benefits of the grounded theory method?
- What is constructivist grounded theory?
- What does Dr. Willson describe may be some of the challenges associated with the grounded theory method?
- What does Dr. Willson share have been some of the outcomes on her research surrounding academics on short-term contracts?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e122/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e122/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Rebekah Willson if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, July 30). *Dr. Rebekah Willson on Grounded Theory*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e122/>

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## Notes

# Dr. Jessie Moore on Writing Transfer [00:00-35:16]

Research in Action - Episode 123

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Jessie L. Moore, director of the Center for Engaged Learning and professor of Professional Writing & Rhetoric at Elon University. She previously coordinated Elon’s first-year writing and professional writing & rhetoric programs. She received her Ph.D. and M.A. in English Rhetoric and Composition from Purdue University. Jessie leads planning, implementation, and assessment of the Center’s research seminars, which support multi-institutional inquiry on high-impact pedagogies and other focused engaged learning topics. Her recent research examines transfer of writing knowledge and practices, multi-institutional research and collaborative inquiry, writing residencies for faculty writers, the writing lives of university students, and high-impact pedagogies. She is the co-editor of *Critical Transitions: Writing and the Question of Transfer* (with Chris Anson, The WAC Clearinghouse and University Press of Colorado, 2016) and *Understanding Writing Transfer: Implications for Transformative Student Learning in Higher Education* (with Randy Bass, Stylus, 2017). Jessie currently serves as the elected Secretary of the Conference on College Composition and Communication and as U.S. Regional Vice President of the International Society for the Scholarship of Teaching and Learning.

*Segment One* [00:00-12:13] - In this segment, Jessie shares about her research on writing transfer.

*Segment Two* [12:14-23:56] - In this segment, Jessie discusses what she has learned from multi-institutional research projects.

*Segment Three* [23:57-35:16] - In this segment, Jessie shares about a research seminars program that draws scholars from all over the world.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e123/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define writing transfer
- Provide an example of writing transfer
- Discuss the benefits and challenges of institutional and multi-institutional research collaborations

## Guiding Questions for Listening

- What are some examples of writing transfer?
- What does Dr. Moore share are some of the research questions they’re seeking to answering on writing transfer?
- What does Dr. Moore explain are some of the principles in which students need to consider in learning writing transfer?
- According to Dr. Moore, what are some of the benefits of multi-institutional research collaborations?
- What appear to be some of the logistical challenges of multi-institutional research collaborations?
- What are some of Dr. Moore’s recommendations for researchers seeking to become involved in more institutional and multi-institutional research?
- What does Dr. Moore share are some of the ways Elon University is seeking to address institutional and multi-institutional priorities and develop community?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e123/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e123/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Jessie Moore if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, August 6). *Dr. Jessie Moore on Writing Transfer*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e123/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Sarah Rose Cavanagh, an Associate Professor of Psychology and Associate Director of the D'Amour Center for Teaching Excellence at Assumption College and author of *The Spark of Learning: Energizing the College Classroom with the Science of Emotion*.

*Segment One* [00:00-12:53] - In this segment, Sarah discusses her research on emotions and teaching.

*Segment Two* [12:57-23:52] - In this segment, Sarah shares the process of signing with a literary agent.

*Segment Three* [23:53-35:22] - In this segment, Sarah discusses her most recent research project.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e124/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Explain the purpose of studying the connection between emotions and teaching
- Review examples of emotions that may affect a classroom
- Describe immediacy cues
- Discuss the potential benefits of regulating emotions in a classroom

## Guiding Questions for Listening

- What does Dr. Cavanagh explain are some of the key reasons for focusing on emotions and teaching?
- What does Dr. Cavanagh explain are some of the emotions that affect emotions in the classroom?
- According to Dr. Cavanagh, what are some ways teachers can respond to emotions in a classroom that stem from responses to larger community and national events?
- What are some ways teachers can identify varying emotions?
- What are immediacy cues and how can they impact they classroom?
- What does Dr. Cavanagh share were some of the steps she took for seeking a literary agent?
- What does Dr. Cavanagh share were the some of the outcomes of a research study that focused on regulating emotions in the classroom?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e124/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e124/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Sarah Rose Cavanagh if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, August 13). *Dr. Sarah Rose Cavanagh on Emotions and Teaching*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e124/>

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## Notes

# Dr. Tim McKay on Astrophysics [00:00-37:09]

Research in Action - Episode 125

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Tim McKay, the Arthur Thurnau Professor of Physics, Astronomy, & Education at the University of Michigan. He was trained as a particle physicist, and has been teaching large physics courses and doing research in cosmology, astrophysics, and education at Michigan for 25 years. All of his work involves drawing inference from large, complex data sets. In recent years, he has helped launch a campus-wide Foundational Course Initiative. This project promotes and supports collaborative design, development, and delivery of large residential courses, with a strong emphasis on examining evidence and personalizing the student experience.

*Segment One* [00:00-11:42] - In this segment, Tim describes his research in astrophysics.

*Segment Two* [11:43-22:09] - In this segment, Tim shares about some of the tools he has built to collect data for his research.

*Segment Three* [22:10-37:09] - In this segment, Tim discusses what led him to research learning analytics.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e125/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define astrophysics
- Describe some examples of research tools that might be utilized in researching astrophysics
- Describe some of the challenges in working with very large data sets
- Discuss the purpose of data analytics

## Guiding Questions for Listening

- What is astrophysics?
- According to Dr. McKay, what is the role of the mathematics within astrophysics?
- What are some of the larger research questions Dr. McKay is seeking to answer to address the “origin of structure” in astrophysics?
- What are gamma ray bursts?
- According to Dr. McKay, what is “much of the actual practice of science”?
- What does Dr. McKay share are some of the research tools he is utilizing to collect data?
- What does Dr. McKay share are some of the environmental elements that need to be considered when building research tools in various settings?
- What appear to be some of the challenges in working with very large data sets?
- Why did Dr. McKay become involved in data analytics?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e125/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e125/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Tim McKay if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, August 20). *Dr. Tim McKay on Astrophysics*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e125/>

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## Notes



# Dr. Reem Hajjar on Researching Forestry [00:00-34:51]

Research in Action - Episode 126

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Reem Hajjar, an Assistant Professor of Integrated Human and Ecological Systems in the Department of Forest Ecosystems and Society at Oregon State University. She is an interdisciplinary social scientist, and studies the relationship between forests and livelihoods, and how various governance mechanisms and institutions (policies, norms, and markets) shape that relationship. Most of her work to-date has taken place in tropical and sub-tropical forests, with a recent extension into the Pacific Northwest of North America. Most recently, she's been working on projects related to community-based forest management in Mexico, global reviews on community forestry and small-scale forest enterprises, gendered impacts of land grabs in Ethiopia, impacts of forest policy changes in Ghana, and cattle sector certification in Brazil.

*Segment One* [00:00-17:03] - In this segment, Reem describes the discipline of forestry.

*Segment Two* [17:04-34:51] - In this segment, Reem shares about her international research and when she decides to expand to a new research site.

*Bonus Clip #1* [00:00-04:38]: Learning Multiple Languages

*Bonus Clip #2*: [00:00-05:41]: Extractive vs. Relational Research

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e126/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe the discipline of forestry
- Discuss examples of areas in which can be studies within the realm of forestry
- Review recommendations for pursuing research in forestry

## Guiding Questions for Listening

- How does Dr. Hajjar describe the discipline of forestry?
- What does Dr. Hajjar explain are some research areas that fall within the discipline of forestry?
- How does Dr. Hajjar describe the areas of livelihood and prosperity as they relate to forestry?
- What does Dr. Hajjar share are some of the reasons for seeking to research forestry on an international level?
- What does Dr. Hajjar explain are some of the logistics involved in researching forestry internationally?
- According to Dr. Hajjar, what appear to be some of the challenges in researching forestry?
- What are some of Dr. Hajjar's recommendations for those seeking to pursue research in forestry?
- How did Dr. Hajjar pursue learning five languages? (See also, Bonus Clip #1)
- How does Dr. Hajjar explain the difference between extractive and relational research? (See also, Bonus Clip #2)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e126/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e126/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Reem Hajjar if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, August 27). *Dr. Reem Hajjar on Researching Forestry*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e126/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Jennifer Keup, the Director of the National Resource Center for The First-Year Experience and Students in Transition where she provides leadership for all operational, strategic, and scholarly activities of the Center in pursuit of its mission "to support and advance efforts to improve student learning and transitions into and through higher education." Jennifer also serves as an affiliated faculty member in the Department of Educational Leadership and Policies in the College of Education at the University of South Carolina. Jennifer’s research interests focus on two complementary areas of scholarship: 1) the first-year experience and students in transition and 2) high-impact practices and institutional interventions. Her professional experience has yielded several conference presentations, keynote addresses, scholarly publications, terms on numerous journal editorial boards, and leadership and service positions for national and international higher education organizations. Jennifer is a proud graduate of UCLA where she earned her B.A. in Psychology and her M.A. and Ph.D. in Higher Education and Organizational Change.

*Segment One* [00:00-16:50] - In this segment, Jennifer shares about her experiences directed a national resource center.

*Segment Two* [16:51-34:20] - In this segment, Jennifer shares about the current research on online first-year seminars and experiences.

*Bonus Clip #1* [00:00-03:56]: *Research Outputs from Jennifer's Resource Center*

*Bonus Clip #2*: [00:00-03:17]: *When Your Personal and Professional Interests Collide*

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e127/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe the purpose of the National Resource Center for The First-Year Experience
- Discuss the differences between first-year experiences and first year-seminars
- Cite research resources for first-year experiences and students in transition

## Guiding Questions for Listening

- What is the purpose of the National Resource Center for The First-Year Experience and Students in Transition?
- What does Dr. Keup explain are some of the typical projects and functions of the Resource Center?
- How does Dr. Keup describe she balances her role as director with her writing projects?
- What does Dr. Keup explain are some of the differences between first-year experiences and first-year seminars?
- According to Dr. Keup, how are many of the high-impact practices embedded in a first-year experience?
- What does Dr. Keup share about the research on the effectiveness of online first-year experiences?
- What does Dr. Keup share are some of the research resources available at the National Resource Center

for The First-Year Experience and Students in Transition? (See also, Bonus Clip #1)

- What does Dr. Keup share about the impact of her professional experience with first-year experiences and how they relate to her personal experience as a parent? (See also, Bonus Clip #2)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e127/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e127/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Jennifer Keup if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, September 3). *Dr. Jennifer Keup on Researching the First-Year Experience*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e127/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Jesse Nelson, the Associate Provost for Academic Achievement at Oregon State University. He holds a doctorate in Education Policy Studies from Indiana University and an M.B.A. from Oregon State University. Professionally, he has worked at the University of Utah, Indiana University-Purdue University Indianapolis, Central Washington University, and Oregon State University. Throughout his career, Jesse's focus has centered on issues of teaching & learning, diversity & inclusivity, and student success. In addition to administrative responsibilities, Jesse thoroughly enjoys being in the classroom; he has taught graduate courses in research methods and higher education and undergraduate courses in leadership and student success. With his wife and two teenage sons, the family enjoys gardening, outdoor adventures, good books, and board games.

*Segment One* [00:00- 15:17] - In this segment, Jesse discusses some of the changes in student success models over time.

*Segment Two* [15:18-26:22] - In this segment, Jesse shares about how valuing diversity and inclusion can impact student success.

*Segment Three* [26:23-37:02] - In this segment, Jesse discusses methods for prioritizing diversity and inclusion in the online classroom.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e128/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe some of the varying components of student success
- Explain the relationship of diversity and inclusion to student success
- Discuss suggested ways in which institutions can begin to be intentional about engaging with students

## Guiding Questions for Listening

- How does Dr. Nelson explain student success?
- According to Dr. Nelson, who is responsible for student success?
- What appear to be some of the challenges of being able to “quality check” student success?
- How does Dr. Nelson explain diversity and inclusion can impact student success?
- According to Dr. Nelson, what are some ways institutions can be intentional about engaging with students?
- What does Dr. Nelson suggest might be some ways institutions can begin to implement sustainable long-term impacts for student success?
- What does Dr. Nelson share he learned about the writing process during his contribution to the edited collection, *High-Impact Practices in Online Education*?
- What does Dr. Nelson share may be some ways to create inclusive experiences in the online environment?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e128/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e128/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Jesse Nelson if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, September 10). *Dr. Jesse Nelson on Diversity and Inclusion in Higher Education*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e128/>

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## Notes

# Zapoura Newton-Calvert & Dr. Deborah Smith Arthur on Capstone Courses [00:00-36:28]

Research in Action - Episode 129

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, Katie is joined by two guests:

Zapoura Newton-Calvert serves as Digital Coordinator and Capstone faculty member in Portland State University's University Studies Program. Her research and pedagogical foci include removing barriers to educational equity, social justice in online learning, community-based learning online, and Universal Design for Learning. She served as Faculty-in-Residence for Community-Based Learning in P.S.U.'s Office of Academic Innovation for three years and also worked as a Service-Learning Coordinator at Portland Community College. Her recent publication (also co-authored with Deborah Smith Arthur) *Online Community-Based Learning as the Practice of Freedom: The Online Capstone Experience at Portland State University* explores instructor presence and community formation in online CBL courses.

Dr. Deborah Smith Arthur, an Associate Professor at Portland State University, in the interdisciplinary University Studies program. Her work mostly revolves around juvenile and criminal justice and educational access for incarcerated and formerly incarcerated students. She has been teaching Capstone courses for 15 years and teaches a fully online Capstone once a year.

*Segment One* [00:00-18:15] - In this segment, Deborah and Zapoura share some of their research on and experiences teaching capstone courses.

*Segment Two* [18:16-36:28] - In this segment, Zapoura and Deborah discuss some of the benefits of moving a capstone course online.

*Bonus Clip* [00:00-05:08]: Choosing Each Other as Co-authors

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e129/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe capstone courses
- Discuss the benefits and challenges of designing capstone courses for an online environment
- Review suggestions for incorporating a capstone course into an online environment

## Guiding Questions for Listening

- What are capstone courses?
- How does Dr. Smith Arthur explain the contribution of capstone courses to student learning?
- How does Zapoura Newton-Calvert explain the contribution of capstone courses to student careers?
- According to Dr. Smith Arthur and Zapoura Newton-Calvert, what are some of the benefits and challenges of designing capstone courses for the online environment?
- What do Zapoura Newton-Calvert and Dr. Smith Arthur share are some of the student learning outcomes they've seen as a result of capstone courses?
- According to Dr. Smith Arthur and Zapoura Newton-Calvert, what can be some of the benefits of transitioning a capstone course to the online environment?



- What do Zapoura Newton-Calvert and Dr. Smith Arthur share are some areas they would like to see improved in the online learning environment?
- What do Dr. Smith Arthur and Zapoura Newton-Calvert share were some of the qualities they found valuable in choosing each other as co-authors for contributing to *High Impact Practices in Online Education*? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e129/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e129/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Zapoura Newton-Calvert and Dr. Deborah Smith Arthur if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, September 17). *Zapoura Newton-Calvert & Dr. Deborah Smith Arthur on Capstone Courses*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e129/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Stefanie Buck, the Ecampus Instructional Design and OER Librarian at Oregon State University. Her main job is to help students who are at a distance successfully navigate the library and use the resources to their fullest. Prior to coming to OSU, she was the Distance Education Librarian at Western Washington University.

*Segment One* [00:00-11:31] - In this segment, Stefanie discusses some of the current trends for academic libraries.

*Segment Two* [11:32-24:10] - In this segment, Stefanie shares some of the current challenges academic libraries are facing.

*Segment Three* [24:11-36:44] - In this segment, Stefanie discusses how librarians support online students in their education.

*Bonus Clip* [00:00-01:55]: Tips for Online Students New to Academic Libraries

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e130/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe ways in which online students can access library resources
- Discuss some of the current challenges for academic libraries
- Review suggestions for incorporating high-impact practices into online environments with regard to library resources

## Guiding Questions for Listening

- What are some ways in which online students can access library resources?
- According to Stefanie Buck, how have online library resources evolved over time?
- What does Stefanie Buck explain are some of the library resources available to researchers?
- What are some of the current challenges for academic libraries?
- What are some of Stefanie Buck’s suggestions regarding open access?
- What does Stefanie Buck explain is important about the library as space?
- What are some of Stefanie Buck’s suggestions for addressing some of the challenges within academic libraries?
- What does Stefanie Buck suggest are some of the ways high-impact practices can be integrated into the online environment with regard to library resources?
- What are some of Stefanie Buck’s tips for new online learners in accessing library resources available to them? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e130/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e130/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Stefanie Buck if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, September 24). *Stefanie Buck on Current Trends and Challenges for Academic Libraries*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e130/>

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## Notes

# Dr. William Berman on Grant Budgets [00:00-34:04]

Research in Action - Episode 131

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is William Berman, a Clinical Professor of Law at Suffolk University Law School. Professor Berman is the Director of Suffolk's Housing Discrimination Testing Program, which works to eliminate housing discrimination through testing, enforcement, education, policy and academic study. Professor Berman is also the Managing Attorney of Suffolk's Accelerator Practice, a clinical program that is part of a larger program designed to teach students a replicable business model for the creation of sustainable community-based law firms that serve low and moderate income individuals in the justice gap. Professor Berman writes in the areas of fair housing and clinical pedagogy and is a frequent speaker on these topics. Professor Berman has over 30 years of litigation experience. He is a graduate of Union College and Boston University School of Law.

*Segment One* [00:00-16:50] - In this segment, Bill shares about the research emerging from a housing discrimination testing program.

*Segment Two* [16:51-34:04] - In this segment, Bill discusses some of the factors involved in creating and adjusting budgets for grant-funded research.

*Bonus Clip* [00:00-03:20]: Benefits of a Clinical Program

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e131/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe the purpose of Suffolk's Housing Discrimination Testing Program
- Discuss examples of grant budgeting considerations for multiple research projects
- Review recommendations for seeking grant funding

## Guiding Questions for Listening

- What is the purpose of Suffolk's Housing Discrimination Testing Program?
- What are some examples of focus areas in which the Housing Discrimination Testing Program has studied?
- What does Dr. Berman share have been some of the outcomes of the Housing Discrimination Testing Program?
- What does Dr. Berman share have been ways in which the Housing Discrimination Testing Program outcomes have informed the community?
- According to Dr. Berman, what have been some grant budgeting considerations for his work in housing discrimination research?
- What are some of Dr. Berman's suggestions for approaching adjustments within grant budgets?
- What are some of Dr. Berman's recommendations for researchers seeking grant funding in this field?
- What does Dr. Berman share have been some of the benefits of the Housing Discrimination Testing Program being housed within a university? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e131/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e131/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. William Berman if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, October 1). *Dr. William Berman on Grant Budgets*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e131/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Gale M. Sinatra, the Stephen H. Crocker Chair and Professor of Psychology and Education at the Rossier School of Education at the University of Southern California. She is the past Editor of the APA Division 15 journal, *Educational Psychologist* and she is currently the President Elect of Division 15. She is a Fellow of APA, AERA, and the Society for Text and Discourse. She heads the Motivated Change Research Lab, the mission of which is understanding the cognitive, motivational, and emotional processes that lead to attitude change, conceptual change, and successful STEM learning.

*Segment One* [00:00-17:15] - In this segment, Gale shares about her research on conceptual change learning.

*Segment Two* [17:16-32:53] - In this segment, Gale shares about how she came to be a journal editor and what she has learned in that role.

*Bonus Clip* [00:00-03:09]: Gale's Next Book Project

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e132/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define conceptual change learning
- Provide an example of conceptual change learning
- Discuss potential challenges for the role of a journal editor
- Review suggestions for pursuing journal editing

## Guiding Questions for Listening

- How does Dr. Sinatra define conceptual change learning?
- What is an example of conceptual change learning?
- According to Dr. Sinatra, what are some of the various domains in which conceptual change learning occurs?
- What examples does Dr. Sinatra share of reasons why there may be resistance to certain conceptual changes?
- What does Dr. Sinatra share she has observed about emotion and conceptual change learning?
- In Dr. Sinatra's role as a journal editor, what does she explain are some of the differences between solicited and unsolicited manuscripts?
- According to Dr. Sinatra, what can be some of the challenges a journal editor may encounter?
- What are some of Dr. Sinatra's suggestions for those interested in pursuing journal editing?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e132/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e132/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Gale Sinatra if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, October 8). *Dr. Gale Sinatra on Conceptual Change Learning*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e132/>

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## Notes



## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Brooke Robertshaw, PhD, an assistant professor and the assessment librarian at Oregon State University. Her current research interests revolve around the ethics of learning analytics with a particular interest in the contextual nature of quantitative methodologies. Brooke is a member of the Data Doubles team that is exploring student perspectives of learning analytics. She is passionate about quantitative literacy, social justice, and the intersection of the two. In her spare time, she enjoys whitewater and flat water kayaking, discovering ways to give voice to the voiceless of the diaspora in the Middle East, and traveling to Jordan to spend time with her dear friends there.

*Segment One* [00:00-15:28] - In this segment, Brooke discusses effect sizes, how they are used, and why they are important.

*Segment Two* [15:29-28:41] - In this segment, Brooke discusses best practices for using effect sizes and resources to learn more.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e133/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe what an effect size is
- Provide an example how an effect size is used
- Discuss why effect sizes should be calculated
- Discuss why effect sizes are important in decision making.

## Guiding Questions for Listening

- How does Dr. Robertshaw define effect size?
- What is an example of an effect size?
- How is effect size calculated?
- What is the purpose of using effect size within a statistical analysis?
- According to Dr. Robertshaw, why does she consider effect size to also be an ethical practice?
- What does Dr. Robertshaw explain are some of the practical ways in which effect sizes are utilized?
- What are confidence intervals?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e133/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e133/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Brooke Robertshaw if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, October 15). *Dr. Mary Ellen Dello Stritto and Dr. M. Brooke Robertshaw on Effect Sizes*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e133/>

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## Notes

# Dr. Michelle Covi on Sea Level Rise Research [00:00-35:59]

Research in Action - Episode 134

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Michelle Covi, an assistant professor of practice at Old Dominion University in the Department of Ocean, Earth and Atmospheric Sciences and a Virginia Sea Grant extension partner. She conducts research and outreach activities for climate adaptation and coastal resilience efforts for Virginia with an emphasis on Hampton Roads. Her research areas include sea level rise and resilience risk perception and communication, public participation in adaptation planning processes and engagement/outreach practices. She co-organizes the Hampton Roads Sea Level Rise/ Flooding Adaptation Forum, a quarterly meeting of adaptation stakeholders and co-chaired the Citizen Engagement Working Group of the Hampton Roads Intergovernmental Pilot Project. She completed her doctorate in Coastal Resources Management at East Carolina University, where her focus was on sea level rise risk communication and policy. She has a Masters degree in Marine Science from University of Georgia where she studied salt marsh ecology.

*Segment One* [00:00-11:57] - In this segment, Michelle shares about her research on sea level rise.

*Segment Two* [11:58-23:20] - In this segment, Michelle shares about her work with sea level rise preparation.

*Segment Three* [23:21-35:59] - In this segment, Michelle discusses the interdisciplinary nature of her work.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e134/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Explain how sea level rise is measured
- Discuss the potential effects of sea level rise on coastal cities
- Provide an example of how sea level rise research can be interdisciplinary

## Guiding Questions for Listening

- What are salt marshes?
- What does Dr. Covi explain are some of the different ways in which sea level rise can be measured?
- According to Dr. Covi, what are some of the ways sea level rise is affecting coastal cities?
- What does Dr. Covi share are some of the ways research on sea level rise is being communicated to the public?
- What does Dr. Covi share have been some successful strategies for engaging with the public on sea level rise research?
- What does Dr. Covi explain are some of the ways they are engaging students in sea level rise research?
- What are some of the ways in which sea level rise research can be interdisciplinary?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e134/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e134/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Michelle Covi if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, October 22). *Dr. Michelle Covi on Sea Level Rise Research*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e134/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Joshua Eyler, the Director of the Center for Teaching Excellence and Adjunct Associate Professor of Humanities at Rice University in Houston, TX. He received his B.A. in English from Gettysburg College in 2000 and his M.A. and Ph.D. in Medieval Studies from the University of Connecticut in 2006. He writes about teaching, learning, literature, and popular culture.

*Segment One* [00:00-11:32] - In this segment, Josh shares about his new book *How Humans Learn*.

*Segment Two* [11:33-22:20] - In this segment, Josh shares about how he supports Scholarship of Teaching and Learning at his institution.

*Segment Three* [22:21-34:30] - In this segment, Josh describes the process of setting up an umbrella IRB to support SoTL research.

*Bonus Clip #1* [00:00-4:36]: Maintaining Dual Publication Pipelines

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e135/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Discuss the purpose of Dr. Eyler’s book, *How Humans Learn*
- Describe the different types of Scholarship of Teaching and Learning (SoTL)
- Explain the difference between a blanket IRB and an umbrella IRB

## Guiding Questions for Listening

- What does Dr. Eyler share led him to write his book, *How Humans Learn*?
- What does Dr. Eyler share are some of the things he discovered about how humans learn in developing his book?
- How did Dr. Eyler approach some of the interdisciplinary research for his book, *How Humans Learn*?
- How does Dr. Eyler define the Scholarship of Teaching and Learning or SoTL?
- What does Dr. Eyler suggest are some of the ways a writing center can support the work of SoTL?
- What are some of the different types of SoTL?
- What are some of Dr. Eyler’s recommendations for those just starting out with SoTL?
- What is an umbrella IRB?
- What does Dr. Eyler share are some of the strategies he utilizes to maintain multiple publication pipelines? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e135/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e135/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Josh Eyler if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, October 29). *Dr. Joshua Eyler on Umbrella IRBs*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e135/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Rebecca Thomas, who is currently a postdoctoral scholar for the Ecampus Research Unit at Oregon State University. She recently earned a Ph.D. in Psychology from the University of Texas San Antonio (UTSA), where she successfully defended her dissertation on aggressive behavior in college students’ friends with benefits relationships in July 2018. Prior to UTSA, she earned an M.S. in Instructional Psychology & Technology from Brigham Young University (BYU). She is excited to apply her training and experience in study design, participant recruitment, and dissemination obtained at UTSA in combination with her previous experience on student success at BYU, in her new role as a postdoctoral scholar.

*Segment One* [00:00-11:25] - In this segment, Becca shares about her experience choosing a dissertation topic.

*Segment Two* [11:26-22:28] - In this segment, Becca shares productivity strategies for writing a dissertation.

*Segment Three* [22:29-36:32] - In this segment, Becca shares her plans for disseminating her dissertation results.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e136/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Discuss organizational tips for moving a dissertation to completion
- Describe common challenges associated with the dissertation process
- Review suggestions for disseminating a dissertation

## Guiding Questions for Listening

- What does Dr. Thomas share led to the selection of her dissertation topic?
- What organizational tips does Dr. Thomas share for moving a dissertation to completion?
- In Dr. Thomas’s experience, what were some helpful support structures that allowed her to remain balanced during the process of her dissertation?
- What does Dr. Thomas explain allowed her to remain accountable during the process of her dissertation?
- What are some of Dr. Thomas’s and Dr. Linder’s suggestions for disseminating a dissertation?
- What are some tips for disseminating a dissertation on social media?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e136/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e136/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Rebecca Thomas if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, November 5). *Dr. Rebecca Thomas on Dissertation Writing*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e136/>

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## Notes



# Dr. David Wrathall on Taking Risks for Research [00:00-31:58]

Research in Action - Episode 137

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. David Wrathall, an assistant professor at Oregon State University’s College of Earth, Ocean and Atmospheric Sciences at Oregon State University, where he investigates the relationship between climate change and human migration. His primary focus is communities at sea level in vulnerable developing countries, where storm surge, catastrophic flooding and erosion are rendering spaces uninhabitable and unproductive. David’s research pokes and prods the “migration as adaptation to climate change” hypothesis: understanding how different vulnerable people migrate differently, how national political economies shape labor opportunities of vulnerable people, and how local resource politics in both sending and receiving areas impinge on migrants’ ability to earn wages. David holds a PhD in geography from King’s College London, following which he was a National Science Foundation post-doctoral researcher at the University of California Santa Cruz.

*Segment One* [00:00-15:50] - In this segment, David discusses his research on climate change and how it destabilizes communities.

*Segment Two* [15:51-31:58] - In this segment, David describes some of the risks he took while researching drug trafficking.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e137/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Provide an example of a destabilized environment
- Explain some of the ways in which migration can be measured
- Describe examples of destabilizing forces as they relate to climate change

## Guiding Questions for Listening

- What are some examples of reasons for which a family may migrate due to a destabilized livelihood?
- What are some examples of forced migration within a community?
- What does Dr. Wrathall explain are some of the research questions he’s seeking to answer with regard to migration and destabilized environments?
- What does Dr. Wrathall explain are some of the ways in which different types of migration can be measured?
- How does Dr. Wrathall explain he began to research drug trafficking?
- What is the Narco Deforestation Hypothesis?
- According to Dr. Wrathall, what is environmental determinism?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e137/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e137/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. David Wrathall if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, November 12). *Dr. David Wrathall on Taking Risks for Research*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e137/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Heather L. Corwin. Dr. Corwin earned her Ph.D. in Clinical Psychology with a somatic concentration from The Chicago School of Professional Psychology (L.A.) and her M.F.A. in Acting/Theatre from Florida State University/Asolo Conservatory. She teaches courses that investigate behavior, impulse awareness, effective communication styles, stamina, physical storytelling, style, actions, and identifying needs. Her research focus looks at the impacts of emotional intelligence, actor training, psychological well-being and stress management. She serves as the Editor-in-Chief of *The Players Journal* and has published articles spanning great teaching, research methods, interdisciplinary fields, sensory awareness, empathy, the therapeutic relationship, and the relationship between actor training and emotional intelligence. As an actress, her work has been seen in countries all over the world. She has performed in award winning network television and regional theater throughout the U.S. As a coach, Heather works with individuals to best understand needs, actions to suit the needs, identifying behavior in others, and producing results under pressure.

*Segment One* [00:00-11:45] - In this segment, Heather shares about her research on actor training.

*Segment Two* [11:46-21:40] - In this segment, Heather discusses how her experience as a Rolfer has impacted her research.

*Segment Three* [21:41-33:52] - In this segment, Heather shares about some of the challenges and benefits of being an interdisciplinary researcher.

*Bonus Clip* [00:00-02:48]: Movement Suggestions for Researchers

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e138/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Explain Rolfing
- Describe an example exercise for measuring emotional intelligence
- Discuss benefits and challenges of being an interdisciplinary researcher

## Guiding Questions for Listening

- What does Dr. Corwin share are some of the methodologies she utilizes to conduct her research?
- How does Dr. Corwin explain is the value of measuring emotional intelligence within her field?
- How does Dr. Corwin describe Rolfing?
- According to Dr. Corwin, how does Rolfing impact her work as a researcher?
- What is the attachment theory and how does Dr. Corwin explain its connection to her research?
- What does Dr. Corwin share are some benefits and challenges of being an interdisciplinary researcher?
- What are Dr. Corwin’s recommendations for researchers to move more physically? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e138/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e138/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Heather Corwin if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, November 19). *Dr. Heather Corwin on Embodied Research*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e138/>

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## Notes

# Dr. Katie Linder on Getting Started with Podcasting [00:00-34:35]

Research in Action - Episode 139

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, Dr. Katie Linder, Director of Research at Oregon State University Ecampus, discusses how to get started on with podcast and shares about a new online resource for podcasters.

*Segment One* [00:00-13:16] - In this segment, Katie shares some basic components of getting started with podcasting.

*Segment Two* [13:17-22:48] - In this segment, Katie shares some tips for working with guests on an interview-based show.

*Segment Three* [22:49-34:35] - In this segment, Katie discusses some of the skills she has gained as a podcaster.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e139/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Review recommendations for planning for a podcast
- Discuss suggestions for identifying a podcast audience
- List resources for getting started with podcasting

## Guiding Questions for Listening

- What are some of Dr. Linder’s recommendations for podcast planning?
- What are some considerations for hosting an interview-based podcast?
- According to Dr. Linder, why is it important to define your podcast audience?
- What might be some of the benefits of knowing your podcast audience?
- What are some of Dr. Linder’s tips for reaching out to potential podcast guests?
- What are Dr. Linder’s suggestions for working with guests that may be new to podcasting?
- What are some ways to utilize branding or visual elements as a part of a podcast?
- What skillsets does Dr. Linder share may be helpful when it comes to podcasting?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e139/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e139/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Katie Linder if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, November 26). *Dr. Katie Linder on Getting Started with Podcasting*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e139/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, Dr. James M. Lang, a Professor of English and the Director of the D’Amour Center for Teaching Excellence at Assumption College in Worcester, MA. He is the author of five books, the most recent of which are *Small Teaching: Everyday Lessons from the Science of Learning* (Jossey-Bass, 2016), *Cheating Lessons: Learning from Academic Dishonesty* (Harvard University Press, 2013), and *On Course: A Week-by-Week Guide to Your First Semester of College Teaching* (Harvard UP, 2008). Lang writes a monthly column on teaching and learning for *The Chronicle of Higher Education*; his work has been appearing in the Chronicle since 1999. His book reviews and public scholarship on higher education have appeared in a wide variety of newspapers and magazines, including the *Boston Globe*, *Chicago Tribune*, and *Time*. He edits a new series of books on teaching and learning in higher education for West Virginia University Press. He has a BA in English and Philosophy from the University of Notre Dame, an MA in English from St. Louis University, and a Ph.D. in English from Northwestern University.

*Segment One* [00:00-14:59] - In this segment, Jim shares about his experience editing a book series.

*Segment Two* [15:00-27:16] - In this segment, Jim discusses how he chooses which book to write next.

*Segment Three* [27:17-36:08] - In this segment, Jim shares about his practical experience as a teacher impacts his writing.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e140/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Explain the role of a book series editor
- Describe examples of benefits and challenges of editing a book series
- Discuss strategies for maintaining writing deadlines

## Guiding Questions for Listening

- What led Dr. Lang to begin editing a book series?
- What does Dr. Lang explain is involved in the role of an editor for a book series?
- How does Dr. Lang reach out to potential book series authors?
- According to Dr. Lang, who is the main promoter of a book?
- What does Dr. Lang share are some of the benefits and challenges of being an editor of a book series?
- What research questions does Dr. Lang share he is seeking to answer with regard to distracted learning?
- What does Dr. Lang share are some of his strategies for meeting writing deadlines?
- What does Dr. Lang share are some of the benefits of working within a writing group?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e140/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e140/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Jim Lang if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2019, January 7). *Dr. James M. Lang on Editing a Book Series*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e140/>

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## Notes



# Dr. Gail Crimmins on Arts-informed Research [00:00-37:37]

Research in Action - Episode 141

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Gail Crimmins, who initially trained as a performer and worked as a performer, director and casting director in theatre, television and film in the UK for almost 10 years. She subsequently taught Drama and Performance at universities and conservatoires before moving to Australia in 2008. Gail undertook her PhD study (an arts-informed narrative inquiry into the lived experience of women casual academics) alongside part-time teaching and fully committed mothering. She currently works as a Lecturer of Communication, coordinates a series of Communication Programs, and is the First Year Experience Lead for the School of Communication and Creative Industries, at the University of the Sunshine Coast in Queensland, Australia. She undertakes arts-informed, narrative and auto-ethnographic research, predominantly though not exclusively, exploring the lived experience of women academics. Gail is a feminist researcher who seeks to illuminate the impacts of patriarchal structures on women’s lives and explore ways for women’s stories and voices to be heard.

*Segment One* [00:00-16:38] - In this segment, Gail shares about how she got started with arts-informed research.

*Segment Two* [16:39-37:37] - In this segment, Gail offers examples of her own work with arts-informed research.

*Bonus Clip* [00:00-4:21]: Benefits of Arts-informed Research

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e141/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define arts-informed research
- Describe examples of arts-informed research
- Discuss the benefits and challenges of arts-informed research

## Guiding Questions for Listening

- How does Dr. Crimmins define arts-informed research?
- What does Dr. Crimmins explain are some possible misconceptions around arts-informed research?
- What is scholartistry?
- What does Dr. Crimmins explain are some potential challenges with arts-informed research?
- According to Dr. Crimmins, what are some of the forms that arts-informed research can take?
- What does Dr. Crimmins suggest would be some background requirements of an arts-informed researcher?
- How does Dr. Crimmins explain her perspective as a feminist researcher affects her work?
- According to Dr. Crimmins, what are some of the benefits of arts-informed research? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e141/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e141/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Gail Crimmins if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2019, January 14). *Dr. Gail Crimmins on Arts-informed Research*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e141/>

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## Notes

## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Gaetano R. Lotrecchiano, EdD, PhD, an Associate Professor in the Department of Clinical Research and Leadership in the School of Medicine and Health Sciences. He is also the Associate Dean of Collaboration and Academic Innovation at the George Washington University. Dr. Lotrecchiano's work is dedicated to team and collaboration science. He is also the President Elect of the International Network for the Science of Team Science.

*Segment One* [00:00-20:53] - In this segment, Guy shares about how he began his research on creative effective teams.

*Segment Two* [20:54-34:47] - In this segment, Guy shares some tips and strategies for effective collaboration in teams.

*Bonus Clip* [00:00-05:10]: Guy Shares about a Tool for Assessing Teams

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e142/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe team science
- Provide examples of areas in which team science can be applied
- Discuss strategies for building effective science teams

## Guiding Questions for Listening

- What does Dr. Lotrecchiano explain led him to study team science?
- What are some examples of some of the areas in which team science can be applied?
- What are “networks of teams”?
- According to Dr. Lotrecchiano, what are some of the characteristics and components that can help build an effective team?
- How does Dr. Lotrecchiano explain the effectiveness can be measured with regard to teams?
- What strategies does Dr. Lotrecchiano suggest for those seeking to nurture or build effective science teams?
- How does Dr. Lotrecchiano define “effective science teams”?
- How does Dr. Lotrecchiano suggest identifying strengths within a team?
- What is the MATRICx? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e142/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e142/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Gaetano Lotrecchiano they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2019, January 21). *Dr. Gaetano Lotrecchiano on Building Effective Teams*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e142/>

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## Notes

# Dr. Katie Linder on the Report Reader Checklist [00:00-28:38]

Research in Action - Episode 143

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, Dr. Katie Linder, director of research at Oregon State University Ecampus, shares about the Report Reader Checklist, a new tool available from the Oregon State Ecampus Research Unit.

*Segment One* [00:00-11:49] - In this segment, Katie shares about how the Report Reader Checklist came to be.

*Segment Two* [11:50-28:38] - In this segment, Katie offers an overview of the Report Reader Checklist content.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e143/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Explain the purpose of the Report Reader Checklist
- List resources connected to the Report Reader Checklist
- Provide an example of transparency within a research report

## Guiding Questions for Listening

- What is the purpose of the Report Reader Checklist?
- Why did the Oregon State Ecampus research unit create the Report Reader Checklist?
- According to Dr. Linder, which audiences can benefit from utilizing the Report Reader Checklist?
- What other supplemental resources are available in connection to the Report Reader Checklist?
- What are the six areas of the Report Reader Checklist?
- What are some examples of the criterion used in order to develop each of the Report Reader Checklist sections?
- What has Dr. Linder observed is often not reported in research reports?
- What does Dr. Linder explain are some important aspects of transparency within a research report?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e143/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e143/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Katie Linder they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2019, January 27). *Dr. Katie Linder on the Report Reader Checklist*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e143/>

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## Notes

# Dr. Kay Shattuck on Being a Research Director [00:00-36:31]

Research in Action - Episode 144

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, Dr. Kay Shattuck, who has worked in adult education more than 30 years, focusing on online and distance education over the past few decades. She earned her doctorate at Penn State University under the guidance of Michael G. Moore. Kay was a member of the initial group of Maryland distance educators who developed what would become Quality Matters. Her earliest involvement in 2003 was in providing a review of the research and best practices literature and being part of the committee that developed the first QM iteration of standards of quality online course design. As QM's Director of Research, she continues to provide research support and direction for new QM tools and resources for the field. Her academic affiliation is with the lifelong learning and adult education program at Penn State where she taught online for many years. She is an associate editor of The American Journal of Distance Education. Kay developed and was editor of Assuring Quality in Online Education: Practices and Processes at Teaching, Resource, and Program Levels and authored “Teaching Online: Who? What? When? Where? Why? How?” a review of the faculty participation literature in the upcoming 4th edition of the Handbook of Distance Education.

*Segment One* [00:00-15:09] - In this segment, Kay shares about the history of Quality Matters as a research organization.

*Segment Two* [15:10-36:31] - In this segment, Kay discusses her day-to-day work as a director of research for a national organization.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e144/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe Quality Matters
- List resources related to Quality Matters
- Discuss some of the gaps within online education research

## Guiding Questions for Listening

- What is Quality Matters (QM)?
- How did Dr. Shattuck become involved with Quality Matters?
- What is an example of a Quality Matters standard?
- What are some of Dr. Shattuck’s tips and strategies for managing large research studies?
- According to Dr. Shattuck, what appear to be some of the gaps within the research in online education?
- What is meso-level research?
- According to Dr. Shattuck, why are literature reviews important?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e144/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e144/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Kay Shattuck they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2019, February 4). *Dr. Kay Shattuck on Being a Research Director*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e144/>

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## Notes



# Dr. Mimi Recker on Learning Analytics and Big Data [00:00-35:06]

Research in Action - Episode 145

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, Mimi Recker, a professor in the department of Instructional Technology and Learning Sciences at Utah State University. She holds a bachelor's degree in mathematics from the University of Pennsylvania. After a few years working as a software engineer in Silicon Valley (working on early Internet protocols), she earned her PhD from the University of California, Berkeley. Mimi worked for two years at the Georgia Institute of Technology and for four years at Victoria University of Wellington in New Zealand, before finally joining Utah State University in 1998.

Mimi became Department Head of Instructional Technology & Learning Sciences in 2008, serving for 7 years. Her research focuses on helping the education sector take advantage of the benefits of cyber-learning and teaching. Over the years, this line of research, funded by the National Science Foundation and the Institute for Museum and Library Services, has involved a dynamic mix of faculty, post-docs, and graduate students from Utah State University, as well as colleagues from around the world.

When not working, you might find her on skis, in a kayak, on a bike, or on a cliff, exploring the natural beauty around Logan.

*Segment One* [00:00-19:10] - In this segment, Mimi discusses the field of learning sciences, learning analytics in higher education, and big vs. traditional data sets.

*Segment Two* [19:10-35:06] - In this segment, Mimi shares statistical approaches for analyzing big data sets and her research on LMS data.

*Bonus Clip* [00:00-03:45]: Mimi Shares Resources for Learning More about Learning Analytics and Big Data

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e145/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe learning sciences and learning analytics
- Discuss benefits and challenges in working with big data
- List resources related to learning analytics and big data

## Guiding Questions for Listening

- How does Dr. Recker define learning sciences?
- What are some examples of disciplines from which learning sciences are derived?
- How does Dr. Recker describe learning analytics?
- How can learning analytics be utilized to potentially improve student learning?
- What does Dr. Recker caution against with regard to big data?
- What are some of the differences between analyzing big data sets compared to more traditional data sets?
- What are some examples of statistical approaches that can be applied within learning sciences?
- What resources does Dr. Recker offer as a way to learn more about learning analytics and big data? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e145/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e145/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Mimi Recker they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2019, February 11). *Dr. Mimi Recker on Learning Analytics and Big Data*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e145/>

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## Notes

# Meghan Grace on Researching GenerationZ [00:00-37:48]

Research in Action - Episode 146

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, Meghan Grace, a generational researcher, host of the podcast #GenZ, and the co-author of the books, *Generation Z Goes to College* and *Generation Z Leads*. Her third book, *Generation Z: A Century in the Making*, was just released. She and her co-author, Dr. Corey Seemiller have been studying Generation Z since 2014 and have conducted two original studies on Generation Z. Meghan's work with Generation Z focuses on utilizing generational research to influence individual practices and organizational strategies that promote empowering environments and experiences for members of Generation Z. Meghan has diverse experience working in higher education and student affairs with a background in program design and management, Greek organizations, leadership development, event planning, curriculum design, and research and assessment. Meghan holds her undergraduate degree in communication studies from Chapman University and a master's in higher education from the University of Arizona. She is currently pursuing her doctoral degree at Vanderbilt University studying higher education leadership and policy and holds an assistantship in the Dean of Students Office of Assessment and Special Projects.

*Segment One* [00:00-14:10] - In this segment, Meghan describes the characteristics of Generation Z.

*Segment Two* [14:11-26:07] - In this segment, Meghan shares about her current research projects focused on Generation Z.

*Segment Three* [26:08- 37:48] - In this segment, Meghan discusses how she got started with writing books before earning her EdD.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e146/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define Generation Z
- Describe defining characteristics of Generation Z
- Discuss common misconceptions regarding Generation Z

## Guiding Questions for Listening

- How does Meghan Grace define Generation Z?
- According to Meghan Grace's research, what are some of the defining characteristics of Generation Z?
- What does Meghan Grace explain are some of the contextual factors shaping Generation Z?
- What appear to be some of the misconceptions surrounding Generation Z?
- What led Meghan Grace to researching Generation Z?
- What are some of the research questions Meghan Grace is asking with regard to studying Generation Z?
- What does Meghan Grace share have been some of the outcomes from her research on Generation Z?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e146/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e146/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Meghan Grace they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2019, February 18). *Meghan Grace on Researching Generation Z*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e146/>

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## Notes

# Christopher Plummer on Research and Creative Expression [00:00-37:03]

Research in Action - Episode 147

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, Christopher Plummer, Professor at Michigan Technological University. Christopher created the Sound programs at Michigan Technological University, which combine fundamental engineering and artistic course work with applied sound creation. He has long been a practicing sound designer with theatre designs at regional theaters and in New York, sound design for independent films, and PBS specials. In that work he has been keenly interested in how immersive sound and room acoustics can bypass our conscious awareness and impact our underlying emotional state. This work includes the way an electroacoustic system can help an opera singer touch an audience with their voice to how the acoustics of a room change the classroom dynamics of a pre-school. Recently, Christopher has been exploring the power of soundscapes through a National Endowment for The Arts funded project, "Listening to Parks." This project takes images and ambisonic recordings of the National Parks surrounding Lake Superior and creates a virtual retreat where the park experiences are shared through an immersive installation using 11 speakers and 6 screens to transport the audience. New programs continue to be developed for this system, most recently, "Shell Shocked," a virtual experience of World War I warfare as part of the Copper Country's remembrance of the 100 year anniversary of the Armistice.

*Segment One* [00:00-18:17] - In this segment, Christopher describes his work with sound design and music composition.

*Segment Two* [18:18-37:03] - In this segment, Christopher shares how his creative work impacts his research.

*Bonus Clip* [00:00-06:11]: The Core Principles of Christopher's Work

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e147/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Define sound design
- Describe the potential effects of acoustics on the human body
- Discuss challenges of applying creative elements within traditional modes of research

## Guiding Questions for Listening

- What is sound design?
- What is the difference between diegetic and non-diegetic sound?
- How does Christopher Plummer explain data as it relates to musical compositions?
- According to Christopher Plummer, what effect can acoustics have on the human body?
- How has Christopher Plummer's creative work impacted his research?
- What does Christopher Plummer explain can be some of the challenges in applying creative elements within traditional research?
- What does Christopher Plummer express is at the foundation of his work? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e147/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e147/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Christopher Plummer if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2019, February 25). *Christopher Plummer on Research and Creative Expression*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e147/>

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## Notes

# Susanne Garvis on Early Childhood Education [00:00-34:12]

Research in Action - Episode 148

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Susanne Garvis, a professor of child and youth studies (early childhood) at the University of Gothenburg, Sweden and a guest professor at Stockholm University, Sweden. She is a mixed-methods researcher in the field of early childhood education and has been involved in national and international research projects, consultancy and work with governments, agencies and NGOs. Professor Garvis is the leader of the funded Nordic Systems Approach to Early Childhood research. Her research interests include, policy, quality and learning development with teachers, young children and their families.

*Segment One* [00:00-12:28] - In this segment, Susie shares about her research on early childhood education.

*Segment Two* [12:29-22:18] - In this segment, Susie discusses her experience researching in other countries.

*Segment Three* [22:29-34:12] - In this segment, Susie shares some of the challenges early childhood educators face.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/148/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe some of the research areas within early childhood education
- Explain examples of research methods that can be applied within early childhood research
- Discuss benefits and challenges of engaging in cross-cultural research

## Guiding Questions for Listening

- How does Susanne Garvis describe structural quality as it relates to early childhood education?
- According to Susanne Garvis, how can a systems approach be applied to early childhood research?
- According to Susanne Garvis, who are some of the key audiences for early childhood research outcomes?
- What are some examples of ethical issues in working with young populations?
- How does Susanne Garvis apply arts-based research methods to her work?
- What does Susanne Garvis explain are the benefits and challenges of engaging in cross-cultural research?
- What does Susanne Garvis share appear to be some of the largest issues within early childhood research?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e148/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e148/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Susanne Garvis if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2019, March 4). *Susanne Garvis on Early Childhood Education*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e148/>

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## Notes



## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Keith Leavitt, an Associate Professor in the College of Business and the Betty S. Henry Admundson Faculty scholar in Ethics at Oregon State University. His research interests include behavioral ethics, identity and situated judgment, and research methods. His work has been featured in over 200 major media outlets, and prominently on the front of his mother's refrigerator. In his spare time, he enjoys mountain biking, fly fishing, skiing, the occasional existential crisis, and trying to sneak inappropriately-placed messages in to his faculty profile.

*Segment One* [00:00-12:12] - In this segment, Keith shares about his work researching behavioral ethics in the workplace.

*Segment Two* [12:13-23:34] - In this segment, Keith shares about recent research he completed that received some media attention.

*Segment Three* [23:35-36:26] - In this segment, Keith shares about his interest in the changing nature of work as a function of automation.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e149/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Describe behavioral ethics
- Provide an example of an experience sampling methodology study
- Discuss approaches to conceptual framework research

## Guiding Questions for Listening

- What are behavioral ethics?
- According to Dr. Leavitt, what are some of the various approaches to studying behavioral ethics?
- How does Dr. Leavitt explain moral identity?
- What are some of the methodological approaches Dr. Leavitt has applied within his work?
- What are experience sampling methodology studies?
- What does Dr. Leavitt share are some of his strategies for juggling multiple co-authorships?
- According to Dr. Leavitt, what are some starting points for approaching a conceptual framework within research?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e149/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e149/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Keith Leavitt if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2019, March 11). *Dr. Keith Leavitt on Behavioral Ethics*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e149/>

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## Notes

# Dr. Bethany Simunich on the Relationship between Research and Assessment

[00:00-34:25]

Research in Action - Episode 150

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## Podcast and Episode Information

“Research in Action” is a weekly podcast about topics and issues related to research in higher education featuring experts across a range of disciplines.

On this episode of the podcast, the guest is Dr. Bethany Simunich, the Director of Online Pedagogy and Research at Kent State University. She has many years of experience as both a face-to-face and online instructor, and has also held positions in educational technology, instructional design, and faculty development. Aligning with her interests in quality assurance in online education, Bethany has worked with Quality Matters for many years, including as a Senior Research Colleague, Master Reviewer, and workshop Facilitator, and also serves on the Quality Matters Academic Advisory Council. Currently, she is co-State Lead for the QM Ohio Consortium, as well as a QMC and Course Review Manager for Kent State. Bethany enjoys presenting workshops and seminars at universities and conferences on instructional design, online teaching, and conducting DL-focused research. Her professional and research interests include presence in the online classroom, peer evaluation of online teaching and design, and online student and instructor satisfaction and self-efficacy.

*Segment One* [00:00-16:49] - In this segment, Bethany shares about some of her current research interesting in the field of online teaching and learning.

*Segment Two* [16:50-34:25] - In this segment, Bethany discusses the relationship she sees between research and assessment.

Show notes and a transcript for this episode can be found at:

<http://ecampus.oregonstate.edu/research/podcast/e150/>

## Learning Outcomes

By listening to this episode, students will be able to:

- Discuss the importance of pedagogical goals within an online course
- Explain the relationship between research and assessment within online education
- Describe potential connections between scholarship of teaching and learning (SoTL) research and online learning research

## Guiding Questions for Listening

- What led Dr. Simunich to research online learning?
- What two things does Dr. Simunich share helped her connect with online students within a course?
- What does Dr. Simunich share about the importance of establishing pedagogical goals within the online learning environment?
- Based on Dr. Simunich’s research, what appear to be some of the gaps within online education research?
- According to Dr. Simunich, what is the relationship between research and assessment within the context of online education?
- According to Dr. Simunich, how might scholarship of teaching and learning (SoTL) research be a segue into online learning research?
- To what extent does Dr. Simunich suggest instructional designers be involved in online learning research?

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e150/>) and look at an additional resource that is linked in connection with this episode. Students can write a short review of that resource to share with their peers.
- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e150/>) and post an additional resource connected to the content of the episode in the comments section.
- Have students share questions that are raised for them based on the content of this episode. What would they ask Dr. Bethany Simunich if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2019, March 18). *Dr. Bethany Simunich on the Relationship between Research and Assessment*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e150/>

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## Notes

## About the Research in Action Podcast

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“Research in Action” (RIA) is a podcast about topics and issues related to research in higher education featuring experts across a range of disciplines. Episodes are posted weekly and include guest interviews and occasional solo episodes. Guests are from a range of higher education institutions and share their expertise on qualitative, quantitative and mixed methods as well as their personal experiences as researchers, research and writing practices, organizational and productivity strategies, and much more. Some weeks, bonus content will also be posted.

“Research in Action” is hosted by [Dr. Katie Linder](#), research director for Oregon State University Ecampus.

Visit the podcast website to view [show notes and transcripts for each episode](#), explore our [episode guide](#), learn more about how to [contact us](#), or [suggest a future guest or topic](#).

You may subscribe to the [“Research in Action” RSS feed](#) or access the podcast via [iTunes](#), [Soundcloud](#) or [Stitcher](#).

“Research in Action” is also listed on [MERLOT](#).

The “Research in Action” podcast is a resource funded by Oregon State University Ecampus – ranked top ten in the nation for online education two years running by U.S. News & World Report. OSU Ecampus has more than 45 degree programs and more than 1,000 classes online.

## Contact

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