

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.

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

Research in Action - Episode 14

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 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 ask 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/>

Notes

About the Research in Action Podcast

“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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