

# “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. Nicola Ulibarri, an assistant professor of Urban Planning and Public Policy at the University of California, Irvine, where she leads an interdisciplinary research group that studies water and infrastructure management. Her group combines approaches from environmental planning, public administration, and water resource engineering to improve the interactions between people, infrastructure, and the environment. In 2010, while doing her PhD at Stanford, Nicola collaboratively developed a workshop curriculum to enhance busy researchers’ creativity with design thinking, a human-centered approach to innovation. That team recently turned the curriculum into a book, *Creativity in Research: Cultivate Clarity, Be Innovative, and Make Progress in your Research Journey* (Cambridge University Press, 2019). The book presents key abilities that underlie creative research practice through a combination of scientific literature, vignettes, experiential exercises, and guided reflection.

*Segment One* [00:00-18:59] - In this segment, Nicola shares about her recent book project on creativity and research.

*Segment Two* [19:00-37:48] - In this segment, Nicola discusses some of her favorite tools for strengthening creativity.

*Bonus Clip* [00:00-04:34]: Writing Collaboratively

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

<http://ecampus.oregonstate.edu/research/podcast/e172/>

## Learning Outcomes

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

- Describe the concept of creativity in research
- Explain iteration and exploration as it relates to creativity in research
- Discuss the purpose of prototyping within research

## Guiding Questions for Listening

- What does Dr. Ulibarri share led her to writing a book on creativity in research?
- What does Dr. Ulibarri describe were some of the challenges in developing a book on creativity and research?
- How does Dr. Ulibarri describe “creative confidence”?
- According to Dr. Ulibarri, what is the relationship between innovation and creativity?
- What is an example of how Dr. Ulibarri utilized iteration and experimentation in her research?
- How does Dr. Ulibarri describe the term “teaming”?
- What were some of the logistical challenges Dr. Ulibarri and her co-authors navigated during their writing collaboration? (See also, Bonus Clip)

## Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e172/>) 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/e172/>) 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. Nicola Ulibarri if they could?

## Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2019, September 23). *Dr. Nicola Ulibarri on tools for creativity in research* [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e172/>

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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, the university’s top-ranked online education provider.

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