

“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.

Dr. Kevin Doxzen on Science Communication [00:00-33:29]

Research in Action - Episode 113

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/>

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

Katie Linder, Ph.D.
Director of Research
Oregon State Ecampus
541-737-4629
kathryn.linder@oregonstate.edu

Creative Commons License



This work is licensed under a Creative Commons Attribution-NonCommercial 4.0 International License.