

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. 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/>

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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