

“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.

Sarah Vojnovich on Researching Corals [00:00-33:25]

Research in Action - Episode 165

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 Sarah Vojnovich, a Master's student in the Department of Biomedical Sciences at Oregon State University who carries out infection studies with a bacterium, called *Vibrio coralliilyticus*, that infects corals and causes tissue necrosis by the release of a toxin. Current studies are typically done on coral fragments taken from the natural environment, but in order to help reduce wild coral takes, Sarah's research looks at the use of using anemones as an alternative surrogate host species for future bacterial infection experiments. Sarah also works as an Assistant for Academic Programs at the Hatfield Marine Science Center and helps coordinate undergrad classes and internships.

Segment One [00:00-11:40] - In this segment, Sarah shares about her research on corals.

Segment Two [11:41-21:43] - In this segment, Sarah discusses her position at the Hatfield Marine Science Center.

Segment Three [21:44-33:25] - In this segment, Sarah shares about her upcoming trip on an OSU research vessel.

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

<http://ecampus.oregonstate.edu/research/podcast/e165/>

Learning Outcomes

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

- Discuss the purpose of researching coral
- Describe activities available at the Hatfield Marine Science Center
- Describe research activities that may be conducted on a fisheries survey vessel

Guiding Questions for Listening

- What is *Vibrio coralliilyticus*?
- Why is coral preservation important?
- According to Sarah Vojnovich, what are some variables to consider when conducting research on corals?
- What are some of the goals of the Hatfield Marine Science Center?
- How is experiential learning research integrated into the Hatfield Marine Science Center?
- According to Sarah Vojnovich, what is a major disconnect between the scientific community and the broader audience as a society?
- What does Sarah Vojnovich share are some of the research activities that may be conducted on a fisheries survey vessel?

Possible Activities

- Ask students to visit the show notes for this episode (<http://ecampus.oregonstate.edu/research/podcast/e165/>) 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/e165/>) 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 Sarah Vojnovich if they could?

Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2019, August 5). *Sarah Vojnovich on researching corals*. [Audio podcast]. Retrieved from <http://ecampus.oregonstate.edu/research/podcast/e165/>

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](#).

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Contact

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