"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.

Oregon State
University

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. Kris Shaffer, a data scientist with a background in computational musicology. Kris currently works as an Instructional Technology Specialist and Adjunct Instructor of Computer Science at the University of Mary Washington. He also does freelance work in web and social-media intelligence, and serves as a volunteer researcher for Data for Democracy. He is a Contributing Editor and Board member for Hybrid Pedagogy and the lead author and editor of Open Music Theory, an open-source, interactive textbook for undergraduate music theory courses.

Segment One [00:00-10:42] - In this segment, Kris discusses his background in computational musicology.

Segment Two [10:43-20:50] - In this segment, Kris shares about his motivations for creating open-source software.

Segment Three [20:51-33:30] - In this segment, Kris shares about his most recent work on hate speech.

Bonus Clip [00:00-04:41]: The Relationship Between Mathematics and Music

Show notes and a transcript for this episode can be found at:
http://ecampus.oregonstate.edu/research/podcast/e105/

Learning Outcomes

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

- Define computational musicology

- Discuss the purpose of computational musicology

- Describe the purpose of open-source software

- Provide an example of open-source software

Guiding Questions for Listening

- What is computational musicology?

- What are some examples of computational musicology?

- What does Dr. Shaffer explain are some of the business and cultural aspects of computational musicology?

- What is open-source software?

- According to Dr. Shaffer, what is the ideology behind open-source software?

- What is an example of open-source software?

- What appear to be some of the benefits and challenges of open-source software?

- What does Dr. Shaffer explain led him to begin researching disinformation and hate media?

- What does Dr. Shaffer share have been some of the research methods utilized in his former field of research that have been applicable to his current field of research?

- What does Dr. Shaffer explain is the relationship between mathematics and music? (See also, Bonus Clip)

Possible Activities

- Ask students to visit the show notes for this episode (http://ecampus.oregonstate.edu/research/podcast/e105/) 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/e105/) 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. Kris Shaffer if they could?

Suggested Citation (APA, 6th edition)

Linder, K. (Producer/host). (2018, April 2). *Dr. Kris Shaffer on Computational Musicology* [Audio podcast]. Retrieved from http://ecampus.oregonstate.edu/research/podcast/e105/

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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