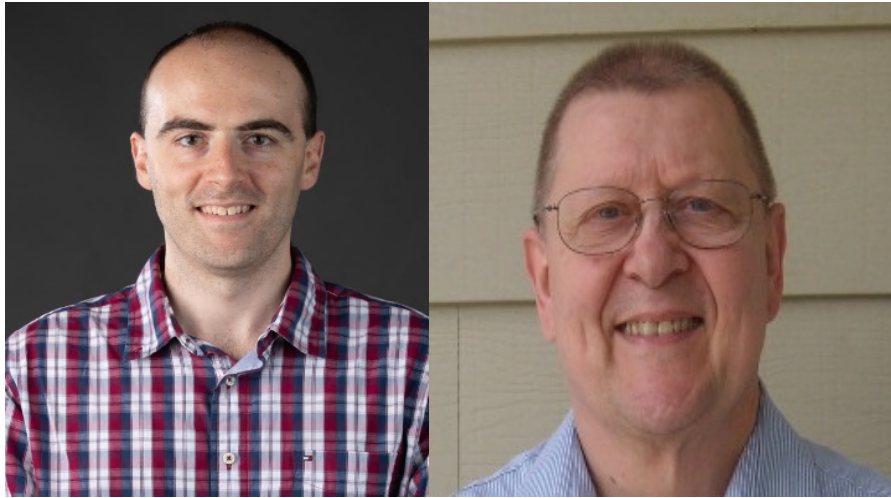


KU CET PRESENTATION SERIES - Spring 2021

Benefits and Challenges of Using OER

Thursday, April 8th, 11:00am-11:50am

<https://kutztown.zoom.us/j/390059274>



Dr. Andrew Mashintonio

Dr. Bob Ryan

Abstract: Open Educational Resources (OER) provide a no-cost, high-quality alternative to traditional textbooks and resources. We will share the benefits and challenges experienced when adopting the OpenStax textbooks and open-source computer programs (R and R Studio) for Biology and Psychology courses. We will also compare measures of student success and survey responses to prior semesters that did not use OER.

About the speaker:

Dr. Mashintonio is an Assistant Professor in the Biology Department, where he teaches courses in introductory biology and nutrition. He utilizes numerous active learning strategies in his teaching to promote engagement and foster a deeper learning experience. His research interests include spatial ecology, animal movement, and conservation biology. He uses computer modeling techniques to study how an animal's surrounding landscape can affect its distribution and movement patterns, which can inform park managers of best practices for a species' conservation and management.

Dr. Ryan is an Associate Professor in the Psychology Department, where he teaches courses in cognition, research methods, statistics, and general psychology. He is a cognitive psychologist who conducts research in applications of cognitive learning principles to educational practice, and methods to improve reproducibility of research. He has contributed to research published in the journals *Science*, *Cognitive Technology*, *Computers in Human Behavior*, *Teaching of Psychology*, and *Applied Cognitive Psychology*. Dr. Ryan also co-authored a book entitled "Launching a Successful Research Program at a Teaching University."