August 2018 Preview Clips

# KL: Katie Linder

# JM: Jessie Moore

# SRC: Sara Rose Cavanagh

# TM: Tim McKay

# RH: Reem Hajjar

# [*intro music*]

# Segment 1:

**KL**: Hey there, RIA listeners! I’m excited to share four more interesting researchers with you.

On Episode 123, I’m joined by Dr. Jessie Moore, director of the Center for Engaged Learning and professor of Professional Writing & Rhetoric at Elon University. On this episode, Jessie discusses her research on writing transfer. Here’s a short clip:

**JM:** Writing transfer refers to a writer’s ability to repurpose or transfer prior knowledge about writing to a new audience, purpose, and context. And that definition, and the work about writing transfer, tends to build on broader studies in educational psychology and related fields of transfer of learning. And, so, there are some ideas that are embedded in that definition that also come from those other areas. A couple worth mentioning, briefly, some writing transfer is automatic. It’s something that we’ve practiced so much that it’s really second nature, so we many not even realize that we are actively adapting things that we’ve learning in a prior context for a new writing situation, but much of our writing transfer actually requires much more mindful extraction. So we have to think more actively about how we’re repurposing or remixing knowledge and skills that we’ve learned in a prior setting and are now trying to use with a different audience for a different purpose.

**KL:** On Episode 124, I’m joined by Dr. Sarah Rose Cavanagh, an Associate Professor of Psychology and Associate Director of the D'Amour Center for Teaching Excellence at Assumption College. In this episode, Sarah shares about her research on emotions and teaching. Here’s a short clip:

**SRC:** We have this saying in psychology that “research is me-search,” and I saw emotions in my own teaching, and when I started thinking about the building blocks to good teaching and good learning, I feel like I saw emotions throughout learning. And, so, to learn something new, you need to pay attention, you need to use your working memory stores, you need to be motivated to do those things, and you need to remember and retrieve. And emotions we evolved to prioritize all of those things, so emotions arrest attention, they motivate action, they tag information as important to remember.

**KL:** On Episode 125, I’m joined by Dr. Tim McKay, the Arthur Thurnau Professor of Physics, Astronomy, & Education at the University of Michigan. In this episode, Tim discusses his astrophysics research. Here’s a short clip:

**TM:** Astrophysics is the application of physics to everything beyond the earth. Of course, some of the things we think about in astrophysics are relevant even for the earth, but a good dividing line is once you’re outside the atmosphere, and you’re thinking about the physical nature of the universe, it’s astro. So, questions about the solar system and how it works: how does the sun work? What are the other planets like? How do they get to be the way they are? Questions about our galaxy: How did a galaxy like ours form? What does it consist of? What’s the nature of the stars and nebulae that make up our galaxy? What’s going on with the giant black hole that lives at the center of the galaxy? All those kinds of questions are astrophysics questions.

**KL:** On Episode 126, I’m joined by Dr. Reem Hajjar, an Assistant Professor of Integrated Human and Ecological Systems in the Department of Forest Ecosystems and Society at Oregon State University. In this episode, Reem shares about her international research in forestry. Here’s a short clip:

**RH:** It’s really hard to see it as a discipline because it incorporates so many different disciplines in this term “forestry.” I mean, in the past, we used to think forestry just purely as like “people cut down trees and they know how to grow them again to cut them down again.” And sure, that was probably what it was like a few decades ago, but since then we’re really evolved to a more holistic view of the forest. And now, we have, I mean we still have the forest engineers and such and the silvaculture people, the people who are like experts in growing trees, but now forestry encompasses so much more. You have forest ecology, you have people concerned with people, humans, and their relationships with forests and policy, and materials that come from the forest that can be used for other products.

**KL:** Reem’s episode also includes bonus clips where she discusses how she came to learn five languages and how she differentiates between extractive and relational research.

Thanks for checking out this month’s preview clips! I’m Katie Linder – thanks so much for listening.

Show notes with links to resources mentioned in the episode, a full transcript, and an instructor’s guide for incorporating the episode into your courses, can be found at the show’s website at [ecampus.oregonstate.edu/podcast](http://www.ecampus.oregonstate.edu/podcast).

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