

A call to action:

Striving towards inclusion in academic biology

Nature-culture relations and engaging multiple ways of knowing

In this talk, Dr. Bang will present research that examines how cross-cultural variation in core cognitive models and relational construals of humans with the natural world impact reasoning and sense-making. For example, these models impact how people frame questions or make observation or even what people think is important to study. Further, she will explore how cultural ways of knowing and experience shape these processes. Dr. Bang will extend these experimental studies to the design of learning environments and explore key pedagogical practices that support improved science learning. Her work has implications for the study of biological phenomena, even for expert scientists.

An initiative sponsored by the Society for the Advancement of Biology Education Research (SABER) focused on promoting awareness, understanding and commitment to change academic biology environments to be more inclusive. We are excited that speakers will be compensated for their time and this event is co-sponsored by Arizona State University's HHMI Inclusive Excellence Project, SEISMIC Collaboration, Community College BIO INSITES, and the ASU RISE Center.



Megan Bang, PhD
Northwestern University

Seminar

Date: Thursday, April 29

Time: 9 AM (PT) // 10 AM (MT) // 11 AM (CT) // 12 PM (ET)

Location: Zoom

<https://asu.zoom.us/j/89818832388>

Megan Bang is Ojibwe and of Italian decent and is a Professor of the Learning Sciences and Psychology at Northwestern University. Dr. Bang studies dynamics of culture, learning, and development with a specific focus on designing and implementing learning environments in science, technology, engineering, arts, and mathematics education with Indigenous knowledge systems. She conducts research in both schools and community-based settings across the life course.

