



THE UNIVERSITY OF ARIZONA
COLLEGE OF MEDICINE TUCSON

Physiology

Seminars in Translational & Advanced Research (STAR)

Friday, February 6
Arizona Health Sciences Center
Room 8403
11:00am - 12:00pm

<https://arizona.zoom.us/j/85062222452>



Aaron McGee, PhD

Professor,

Department of Translational Neurosciences,

University of Arizona, COM-P

Host: Erika Eggers

"Modulating plasticity for therapeutic gain in disorders of vision"

Prof. McGee received his PhD in Neuroscience from UCSF for studies of the structure - function relationship of synaptic proteins. He investigated the regulation of plasticity in models of spinal cord injury and during developmental critical periods while a postdoctoral fellow at Yale University School of Medicine.

He combines the experimental techniques of conditional mouse genetics, electrophysiology, repeated two-photon calcium imaging in vivo, and behavioral assessments of vision, to explore how to modulate plasticity for therapeutic gain in disorders of vision.