



COLLEGE OF MEDICINE PHOENIX
**Translational
Neurosciences**

SPECIAL GUEST SEMINAR

William (Jake) Wright, PhD

*Postdoctoral Fellow, Neurobiology Section
University of California, San Diego*



Wednesday, December 3, 2025

3:00 pm to 4:00 pm

HSEB - Room B202

435 N 5th St., 2nd Floor

and Zoom:

<https://arizona.zoom.us/j/87515223163>

**Topic: Dissecting the Synaptic Basis
of Learning *In Vivo***

Biosketch: Currently a postdoctoral fellow mentored by Dr. Takaki Komiyama at the University of California, San Diego, Dr. Wright investigates how natural activity patterns shape various forms of synaptic plasticity and how this plasticity in turn reorganizes neural circuits to mediate learning. Prior to joining the Komiyama lab, he received his PhD in Neuroscience from the University of Pittsburgh, where he worked with Dr. Yan Dong to study the synaptic mechanisms that underlie the natural dynamics of drug-associated memories. Dr. Wright's long-term goal is to understand how the brain adaptively encodes information to shape behavior in both health and disease, and he is particularly interested in understanding how lower-level modifications, such as changes in synaptic function, drive higher-level adaptations in circuit function to obtain a comprehensive mechanistic understanding of how the brain adaptively controls behavior.

Add to Calendar:



Zoom: 8751 522 3163

TNS Host: *Dr. James Bibb, Chair*
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