



**Tuesday
April 21, 2015
12:30 to 1:30 p.m.**

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Memory and Sleep: Unraveling Brain Function through Research on Small Neuronal Circuits

featuring

Dr. Seth Tomchik

Assistant Professor of Neuroscience

The Scripps Research Institute, Scripps Florida

[Meeting Room Link](#)

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How the brain functions in health and disease is the major focus of basic neuroscience research. Assembling a complete understanding of how the brain works is necessary in order to rationally design treatments for brain disorders. This seminar will explore recent research into memory and sleep, using small circuits as models to build an understanding of brain function from the ground up, providing a critical knowledge base for translational research.

Dr. Tomchik attended college and graduate school at the University of Miami, receiving his B.A. in Psychology in 2001 and Ph.D. in Biology in 2005. Following receipt of his doctorate, he conducted postdoctoral research in Neuroscience at the Baylor College of Medicine and Scripps Florida. In 2012, he started his lab at Scripps Florida, where his research group focuses on learning & memory, sleep, and disorders that affect these interrelated processes. In addition to his research, he focuses much of his spare time on his wife and children, and is an avid ice hockey player and kayaker.