The multidisciplinary Epilepsy Research program supports diverse approaches to (1) understanding fundamental neurobiological processes leading to epilepsy and associated cognitive and emotional problems (2) translational research. Participating laboratories include:

Geoffrey Abbot, PhD: Ion channels novel ligands, transporters.
Tallie Z. Baram, MD, PhD: Mechanisms of memory deficits in limbic epilepsy, newborn granule cells, mouse models
Devin Binder, MD, PhD: Astrocytes and Epilepsy.
Christine M. Gall, PhD: Synaptic mechanisms of memory, sex differences,
Peyman Golshani, MD, PhD: Mechanisms of epilepsy; comorbidity with autism.
Robert Hunt, PhD Precision therapy for epilepsy.
Jack Lin, MD: Dynamics of emotion, memory; epilepsy co-morbidities.
Gary Lynch, PhD: Memory; networks in epilepsy; drug development.
Daniele Piomelli, PhD, Endocannabinoids in epilepsy.
Viji Santhakumar, PhD Circuit mechanisms of epilepsy.
John Weiss, MD, PhD Mechanisms of Neurodegeneration in epilepsy.
Marcelo Wood, PhD: Epigenetic mechanisms of synaptic plasticity.
Xiangmin Xu, PhD: Neurobiology of learning and memory.
Michael A. Yassa, PhD: Neuroimaging of networks in epilepsy.

See: http://www.epilepsyresearch.uci.edu/

These positions are funded by an NIH training grant (T-32); eligible candidates must be U.S. citizens or non-citizen nationals or must be lawfully admitted for permanent residence. An MD or PhD degree is required, and MD qualified candidates are encouraged to apply. Salary is based on Kirschstein-NRSA postdoctoral stipend levels. Candidates should submit resume and references to baramlab@uci.edu.

UCI is an equal opportunity employer committed to excellence through diversity and strongly encourages applications from all qualified applicants, including women and minorities.