

## Neurology Faculty Research

Faculty	Research Area
Linda Abcede	Vascular neurology and stroke
Yama Akbari	Coma and consciousness (humans & animals); animal and human cardiac arrest and resuscitation; ischemia/reperfusion; multimodal monitoring of brain including EEG & optical imaging; cerebral blood flow, quantitative EEG analysis of brain injury & neurological recovery; arousal pathways; <a href="http://www.akbarilab.org">www.akbarilab.org</a> <a href="https://www.faculty.uci.edu/profile.cfm?faculty_id=5924">https://www.faculty.uci.edu/profile.cfm?faculty_id=5924</a>
Tallie Z. Baram	Epileptogenesis; cognitive problems in epilepsy, epigenetics, early-life stress and neuroplasticity; <a href="https://scholar.google.com/citations?user=7jICvRYAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=7jICvRYAAAAJ&amp;hl=en</a>
Daniela Bota	Neuro-oncology; cognitive dysfunction in brain tumor patients receiving chemotherapy; <a href="https://scholar.google.com/citations?user=CJGHlj8AAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=CJGHlj8AAAAJ&amp;hl=en&amp;oi=ao</a>
Alex Brandt	MS, neuro-imaging in MS, neuro-visual in MS
Maria Corrada	Epidemiology of aging and dementia, oldest-old, biostatistics; <a href="https://scholar.google.com/citations?user=fxZHCV8AAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=fxZHCV8AAAAJ&amp;hl=en&amp;oi=ao</a> ; <a href="https://www.mind.uci.edu/research-studies/90plus-study/">https://www.mind.uci.edu/research-studies/90plus-study/</a>
Carl Cotman	Memory and aging, neurodegeneration; <a href="https://scholar.google.com/citations?user=eFZd08wAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=eFZd08wAAAAJ&amp;hl=en&amp;oi=ao</a>
Ardith Courtney	Neuroimmunology: Multiple sclerosis, transverse myelitis, neuromyelitis optica
Cyrus Dastur	Neurocritical Care, intracerebral hemorrhage (ICH), subarachnoid hemorrhage (SAH), status epilepticus
Michael Demetriou	Neuroimmunology, T-cell dysfunction in Multiple Sclerosis, glycoproteins and autoimmunity; <a href="https://scholar.google.com/citations?user=-v7n6_oAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=-v7n6_oAAAAJ&amp;hl=en</a>
An Do	Brain-computer interfaces, spinal cord injury, neural engineering, biomedical devices, cultured neural networks derived from iPSCs; <a href="https://scholar.google.com/citations?user=oNzzxt0AAAAJ&amp;hl=en&amp;oi=sra">https://scholar.google.com/citations?user=oNzzxt0AAAAJ&amp;hl=en&amp;oi=sra</a> ; <a href="http://faculty.sites.uci.edu/ucibci/">http://faculty.sites.uci.edu/ucibci/</a>
Howard Federoff	Neurodegenerative disease, gene therapy, biomarkers; <a href="https://scholar.google.com/citations?user=wByo3xcAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=wByo3xcAAAAJ&amp;hl=en&amp;oi=ao</a>
Mark Fisher	Mechanisms of stroke, cerebral microbleeds, blood-brain barrier, cerebral small vessel disease, intracranial atherosclerosis, cardiogenic stroke and the left atrial septal pouch, brain-kidney relationship, legal aspects of stroke, and stroke prevention-preventable stroke
Lisa Flanagan	Neural stem cell fate potential, stem cell transplantation in stroke models; <a href="https://scholar.google.com/citations?user=Mfl8-FsAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=Mfl8-FsAAAAJ&amp;hl=en&amp;oi=ao</a> ; <a href="http://faculty.sites.uci.edu/flanaganlab/">http://faculty.sites.uci.edu/flanaganlab/</a>

Faculty	Research Area
Namita Goyal	Neuromuscular disorders, amyotrophic lateral sclerosis (ALS), clinical trials including stem cell transplant
Leonid Groysman	Neurocritical Care, stem cell transplant clinical trials for stroke
Ali Habib	Neuromuscular disorders
Neal Hermanowicz	Clinical trials in movement disorders including Parkinson's disease and Huntington's Disease
Manisha Kak	Neuromuscular disorders, autonomic disorders
Grace Kao	Neuro-ophthalmology, headache in veterans, Botox
Claudia Kawas	Brain aging and dementia, geriatric neurology, epidemiology; <a href="http://mind.uci.edu/research/90plus-study/90plus-study-team/">http://mind.uci.edu/research/90plus-study/90plus-study-team/</a>
Xiao-Tang Kong	Neuro-oncology, <a href="http://www.faculty.uci.edu/profile.cfm?faculty_id=6303">http://www.faculty.uci.edu/profile.cfm?faculty_id=6303</a>
Frank LaFerla	Molecular biology of Alzheimer's disease and neurodegenerative disorders, learning and memory; <a href="http://faculty.sites.uci.edu/laferla/">http://faculty.sites.uci.edu/laferla/</a>
Jack Lin	Human intracranial electrophysiology, single neuron recordings, emotion, learning, memory, sleep, epilepsy; <a href="https://scholar.google.com/citations?user=mVxV4NwAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=mVxV4NwAAAAJ&amp;hl=en&amp;oi=ao</a>
Xiaoying Lu	Epilepsy
Mark Mapstone	Mechanisms of cognitive impairment in neurodegenerative diseases <a href="http://www.faculty.uci.edu/profile.cfm?faculty_id=6360">http://www.faculty.uci.edu/profile.cfm?faculty_id=6360</a>
Lilit Mnatsakanyan	Neurophysiology: Epilepsy, EEG, SSEP, intraoperative neuromonitoring, functional mapping
Anna Morenkova	Movement disorders, dystonia, tremor, DBS, psychogenic movement disorders, botulinum toxin injections in movement disorders and other disorders with focal muscle hyperactivity
Tahseen Mozaffar	Neuromuscular disorders, rare diseases, inherited myopathies, inflammatory myopathies including inclusion body myositis, ALS; <a href="https://scholar.google.com/citations?user=vT7igyUAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=vT7igyUAAAAJ&amp;hl=en&amp;oi=ao</a>
Nicolas Phielipp	Movement disorders, Parkinson's disease, Parkinson's disease biomarkers, dystonia, deep brain stimulation, transcranial magnetic stimulation; <a href="https://scholar.google.com/citations?user=Gmmdb1gAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=Gmmdb1gAAAAJ&amp;hl=en&amp;oi=ao</a>
Ahmad Sajjadi	Degenerative brain disease (Alzheimer's, frontotemporal dementia), neuro-linguistics, neuroimaging, neuropsychology; <a href="https://scholar.google.com/citations?hl=en&amp;user=5VZiAhsAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=5VZiAhsAAAAJ</a>
Mona Sazgar	Epilepsy, women with epilepsy, epilepsy surgery; <a href="https://scholar.google.com/citations?user=1tDN2n4AAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=1tDN2n4AAAAJ&amp;hl=en&amp;oi=ao</a>
Steve Schreiber	Neurodegeneration, Alzheimer's disease, selective neuronal degeneration, Telehealth; <a href="http://www.anatomy.uci.edu/schreiber.html">http://www.anatomy.uci.edu/schreiber.html</a>

Faculty	Research Area
Nil Sen-Gupta	Epilepsy
Mohammed Shafie	Stroke, vascular neurology
Jay Shah	Stroke
Pawan Singh	Neuro-oncology
Sara Stern-Nezer	Neurocritical Care
Michael Sy	Multiple sclerosis, glycobiology and oligodendrocyte function
Gaby Thai	General Neurology
Annabel Wang	Polyneuropathy, autonomic neuropathy, myasthenia gravis
John Weiss	Excitotoxicity, ALS, neurodegeneration in both in vivo and in vitro models; <a href="https://scholar.google.com/citations?user=LMWdu0YAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=LMWdu0YAAAAJ&amp;hl=en&amp;oi=ao</a> ; <a href="http://www.anatomy.uci.edu/weiss.html">http://www.anatomy.uci.edu/weiss.html</a>
Chuang Kuo Wu	The basal forebrain cholinergic system in aging models and dementia disorders. New clinical drug studies for memory disorders and aging-related neurodegenerative disorders.
Michael Yassa	Learning and memory, functional MRI, aging, Alzheimer's disease; <a href="https://scholar.google.com/citations?user=ILDGkagAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=ILDGkagAAAAJ&amp;hl=en&amp;oi=ao</a> ; <a href="http://faculty.sites.uci.edu/myassa/">http://faculty.sites.uci.edu/myassa/</a>
Wengui Yu	Stroke, coma, basilar artery stenosis, lipid mediators; <a href="https://scholar.google.com/citations?user=5Xf1zJkAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=5Xf1zJkAAAAJ&amp;hl=en&amp;oi=ao</a>