

## Neurology Faculty Research

Faculty	Research Area
Linda Abcede	Vascular neurology and stroke
Yama Akbari	Animal models of coma; animal and human cardiac arrest and resuscitation; global cerebral ischemia; quantitative EEG analysis of coma recovery; hypothalamic arousal pathways
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>
Jose Carrillo	Neuro-oncology
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="http://mind.uci.edu/research/90plus-study/90plus-study-team/">http://mind.uci.edu/research/90plus-study/90plus-study-team/</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
Steve Cramer	Neural repair and rehabilitation, MRI, transcranial magnetic stimulation (TMS), EEG, neuroimaging, stroke research; <a href="http://cramerlab.org/index.html">http://cramerlab.org/index.html</a>
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; <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>
Massimo Fiandaca	Therapeutic delivery to brain, blood biomarkers of brain disease/trauma, Parkinson's disease, Alzheimer's disease, Autism, gene therapy; <a href="https://scholar.google.com/citations?user=XBfsrxsAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=XBfsrxsAAAAJ&amp;hl=en&amp;oi=ao</a>

Faculty	Research Area
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, scaffolds for stem cell transplantation; <a href="https://scholar.google.com/citations?user=Mf18-FsAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=Mf18-FsAAAAJ&amp;hl=en&amp;oi=ao</a> ; <a href="http://faculty.sites.uci.edu/flanaganlab/">http://faculty.sites.uci.edu/flanaganlab/</a>
Namita Goyal	Neuromuscular disorders, amyotrophic lateral sclerosis (ALS), clinical trials
Leonid Groysman	Neurocritical Care
Neal Hermanowicz	Clinical trials in movement disorders including Parkinson's disease and Huntington's Disease
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	Functional MRI and diffuse tensor imaging in 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>
Mark Mapstone	Mechanisms of cognitive impairment in neurodegenerative diseases such as Alzheimer's and Parkinson's disease; <a href="https://www.urmc.rochester.edu/people/21638718-mark-edward-mapstone">https://www.urmc.rochester.edu/people/21638718-mark-edward-mapstone</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, 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>
Aimee Pierce	Dementia and memory disorders, Alzheimer's disease clinical trials

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Ahmad Sajjadi	Degenerative brain disease, 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>
Nil Sen-Gupta	Epilepsy
Steven Small	Neurobiology of language, neural repair, computational neuroscience; <a href="https://scholar.google.com/citations?user=vO2T2c0AAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=vO2T2c0AAAAJ&amp;hl=en&amp;oi=ao</a> ; <a href="http://www.circuits.angularis.org/index.php">http://www.circuits.angularis.org/index.php</a>
Ana Solodkin	Brain network-derived biomarkers in neurological disease (stroke and neurodegenerative diseases); <a href="http://www.anatomy.uci.edu/solodkin.html">http://www.anatomy.uci.edu/solodkin.html</a> ; <a href="http://www.circuits.angularis.org/people/bio/solodkin.php">http://www.circuits.angularis.org/people/bio/solodkin.php</a>
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>