

	<b>Last Name</b>	<b>First Name</b>	<b>Degree</b>	<b>Title</b>	<b>Dept</b>	<b>Area of Research</b>
1	Bassell	Gary	PhD	Professor	Cell Biology	Neuronal mechanisms of mRNA transport, local protein synthesis and their dysfunction in Fragile X Syndrome and Spinal Muscular Atrophy.
2	Boulis	Nicholas	MD, PhD	Assoc Prof	Neurosurg	Strategies for neuroprotection and control of neural activity and synaptic transmission through gene delivery.
3	Buetefisch	Cathrin	MD, PhD	Assoc Prof	Neurology	Mechanisms and modulation of motor cortex reorganization in the intact and injured brain.
4	Chan	Anthony	DVM, PhD	Assoc Prof	Neuroscience	Transgenic, stem cell, cloning and assisted reproductive technologies in disease modeling.
5	Dingledine	Ray	PhD	Prof & Chair	Pharmacology	Genetic control of glutamate receptor function.
6	Escayg	Andrew	PhD	Asst Prof	Human Genetics	Understanding the molecular basis of neurological diseases such as epilepsy and ataxia.
7	Frankel	Michael	MD	Professor	Neurology	Predicting Outcome After Acute Ischemic Stroke
8	Fu	Haian	PhD	Professor	Pharmacology	Targeting protein-protein interactions for molecular probe and drug discovery and translational research through targeting 14-3-3-mediated signaling network.
9	Glass	Jonathan	MD	Professor	Neurology & Pathology	Axonal degeneration relating to neurodegenerative disorders including peripheral neuropathies, ALS, and MS.
10	Goodman	Mark	PhD	Prof & Director	Radiology	PET and SPECT radiotracer development of heart, brain and oncology agents.
11	Gross	Robert	MD, PhD	Assoc Prof	Neurosurgery	Positive and negative regulators of axon outgrowth in the regenerating CNS; the role of microglia and strategies to modulate them in degenerative nervous system disease; gene/cell therapy and electrical stimulation therapy in disorders of the CNS.
12	Hall	Randy	PhD	Professor	Pharmacology	Mechanisms of signal transduction by neurotransmitter and hormone receptors.
13	Hess	Ellen	PhD	Professor	Pharmacology	Regulation of motor control by the cerebellum and striatum in the context of movement disorders using mouse models of neurological disease.
14	Hochman	Shawn	PhD	Assoc Prof	Physiology	Neuromodulation, plasticity, and regeneration of spinal cord functional systems.
15	Hu	Xiaoping	PhD	Prof & Director	Biomedical Engineering	Magnetic resonance imaging/spectroscopy, neuroimaging, functional MRI, molecular imaging.
16	Jaeger	Dieter	PhD	Professor	Biology	Determining the computational properties of neuronal networks in cerebellum and basal ganglia through single cell physiology and computer simulations.
17	Jin	Peng	PhD	Professor	Human Genetics	Genetics and pathology of Fragile X syndrome
18	Jinnah	Hyder	MD, PhD	Professor	Neurology & Human Genetics	The biological basis for neurological and behavioral disorders.

19	Kahn	Richard	PhD	Professor	Biochemistry	Signal transduction and cell regulation by GTP-binding proteins; regulation of membrane traffic; Alzheimer's disease.
20	Lah	James	MD, PhD	Assoc Prof & Endowed Chair	Neurology	Basic pathogenic mechanisms in Alzheimer's disease.
21	LaPlaca	Michelle	PhD	Adjunct Asst Prof	Biomedical Engineering	Cell mechanics and tissue engineering as they relate to traumatic brain injury.
22	Levey	Allan	MD, PhD	Prof & Chair & Director	Neurology	Neurodegenerative disorders, including Alzheimer's and Parkinson's disease.
23	Li	Xiao-Jiang	PhD	Professor	Human Genetics	Molecular mechanism of Huntington's disease and neuronal function of huntingtin associated proteins.
24	Li	Lian	PhD	Professor	Pharmacology	Pathogenic mechanisms of neurodegenerative diseases
25	Lynn	David	PhD	Professor & Chair	Chemistry	Understand the structures and forces that enable supramolecular self-assembly, how chemical information can be stored and translated into new molecular entities, and how the forces of evolution can be harnessed in new structures with new function
26	Mao	Zixu	PhD	Professor	Pharmacology	Molecular and cellular signaling mechanisms of nuclear factor-dependent process in neuronal survival, growth, and degeneration.
27	McKeon	Robert	PhD	Assoc Prof	Cell Biology	Glial response to neural injury; axonal regenerative failure; neuroprotection.
28	Miller	Gary	PhD	Professor	School of Public Health	Environmental and genetic factors involved in neurological disease.
29	Potter	Steve	PhD	Adjunct Asst Prof	Biomedical Engineering	Imaging cultured mammalian neurons to study learning and neural processing in vitro.
30	Ressler	Kerry	MD, PhD	Professor	Psychiatry	Molecular mechanisms of fear learning and translational research on mechanisms underlying PTSD.
31	Rye	David	MD, PhD	Professor & Director	Neurology	Anatomy of the midbrain and pontine tegmentum with regard to behavioral state and motor control.
32	Sathian	Krish	MD, PhD	Professor	Neurology	Cognitive neuroscience of tactile perception, visual attention and neural plasticity; psychophysics, neuroimaging and neurophysiology.
33	Seyfried	Nicholas	PhD	Asst Prof	Biochemistry	Use of quantitative mass spectrometry approach to define protein aggregation and post-translational modification events observed in neurodegenerative disease
34	Smith	Yoland	PhD	Professor	Neurology	The microcircuitry of the basal ganglia: from synaptic connections to therapeutic strategies in Parkinson's disease.
35	Stein	Donald	PhD	Professor	Neurology	Recovery from traumatic CNS injury; gender-specific hormones; CNS plasticity.
36	Tansey	Malu	PhD	Assoc Prof	Physiology	Cellular and molecular mechanisms involved in regulation of glial activities and neuronal survival by Tumor Necrosis Factor (TNF).

37	Ting	Lena	PhD	Assoc Prof	Biomedical Engineering	To understand and simulate the neuromechanics of body movement.
38	Traynelis	Stephen	PhD	Professor	Pharmacology	Control of glutamate receptor activation in stroke, epilepsy, and normal brain function.
39	Tyor	William	MD	Professor	Neurology	The role of the immune system in pathological processes of the central nervous system using murine models.
40	Van Meir	Erwin	PhD	Professor	Neurosurgery	Brain tumor biology and genetics, angiogenesis, p53, tumor suppressor, hypoxia, adenovirus.
41	Walker	Lary	PhD	Professor	Neuroscience	Transgenic models of Alzheimer's disease; amyloid proteins; therapeutic immunization for Alzheimer's disease in animal models.
42	Warren	Stephen	PhD	WP Timmie Prof & Chair	Human Genetics	Human genetics; trinucleotide repeat expansion mutations; Fragile X Syndrome; neurodegeneration.
43	Wei	Ling	PhD	Professor	Anesthesiology	Pathological and physiological events in ischemic stroke
44	Weinshenk	David	PhD	Professor	Human Genetics	Norepinephrine signaling in genetically-engineered mice.
45	Wichmann	Thomas	MD	Professor	Neurology	Primate research on the physiology of the basal ganglia; pathophysiology of movement disorders, such as Parkinson's disease.
46	Wilkinson	Keith	PhD	Professor & Director	Biochemistry	Ubiquitin-dependent degradation of intracellular proteins
47	Yepes	Manuel	MD	Assoc Prof	Neurology	Neuroinflammatory response in the cerebral ischemia.
48	Yu	Shan	PhD	Professor	Anesthesiology	Neuronal cell death after brain ischemia
49	Zheng	James	PhD	Professor	Cell Biology	Targeting the molecular and cellular mechanisms underlying the wiring and plasticity of neuronal circuitry
50	Zola	Stuart	PhD	Professor and Director,	Psychiatry & Behavioral Sci	Brain mechanisms important for learning, memory, and emotion in humans and animals.
				Yerkes		