

**Table 2. Participating Faculty Members (Alphabetically by Faculty Member)**

This Table lists the Neuroscience Training Faculty (N = 44). Their roles in the program are enumerated, including participation in student thesis committees, Program committees, core course instruction, laboratory rotation supervision, RCR instruction, and advisor (to junior faculty and trainees). We have focused on faculty activities/roles over the past 5 years. For Program Committee memberships, we list committees that faculty are currently serving on or have served on within the past 5 years.

<b>Name/Degree(s)</b>	<b>Rank</b>	<b>Primary (&amp; Secondary) Appointment(s)</b>	<b>Role in Program</b>	<b>Research Interest</b>
Anderson, Steven/Ph.D.	Associate Professor	Neurology Clinician-Scientist (clinical neuropsychologist)	Training Mentor Student Thesis Committees Executive Committee Evaluation & Tracking Committee Course Instructor Lab Rotation Supervisor RCR Instructor Faculty Advisor	Human higher cortical functions (frontal lobe)
Andreasen, Nancy/M.D., Ph.D.	Professor	Psychiatry (Education ) Clinician-Scientist (psychiatrist)	Training Mentor Student Thesis Committee Executive Committee Lab Rotation Supervisor	Brain imaging in the major psychoses
Blumberg, Mark/Ph.D.	F. Wendell Miller Professor of Psychology	Psychology (Biology)	Training Mentor Recruitment & Admissions Committee Executive Committee Lab Rotation Supervisor Faculty Advisor	Neural bases and function of sleep during development
Bonthius, Daniel/M.D., Ph.D.	Associate Professor	Pediatrics (Neurology) Clinician-Scientist (pediatric neurologist)	Training Mentor Student Thesis Committees Faculty Membership Committee Comprehensive Exam Committee Lab Rotation Supervisor	Neuroteratology
Cassell, Martin/Ph.D.	Professor	Anatomy & Cell Biology	Training Mentor Student Thesis Committees Evaluation & Tracking Committee Recruitment & Admissions Committee Course Instructor Lab Rotation Supervisor RCR Instructor	Delineating the microcircuitry of brain systems involved in emotion

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Cornell, Robert/Ph.D.	Associate Professor	Anatomy & Cell Biology	Training Mentor Student Thesis Committees Executive Committee Student Advisory Committee Recruitment & Admissions Committee Course Instructor Lab Rotation Supervisor RCR Instructor Faculty Advisor	Neural crest patterning in zebrafish
Dailey, Michael/Ph.D.	Associate Professor	Biology	Training Mentor Student Thesis Committees Student Advisory Committee Seminar Committee Recruitment & Admissions Committee Lab Rotation Supervisor	Cell biology of neural development; synapse formation; cell motility
Davidson, Beverly/Ph.D.	Professor	Internal Medicine (Molecular Physiology & Biophysics) (Neurology)	Training Mentor Student Thesis Committees Recruitment & Admissions Committee Executive Committee Lab Rotation Supervisor RCR Instructor Faculty Advisor	Gene therapy for neurological diseases
Denburg, Natalie/Ph.D.	Assistant Professor	Neurology Clinician-Scientist (clinical neuropsychologist)	Training Mentor Student Thesis Committees Recruitment & Admissions Committee Course Instructor Lab Rotation Supervisor RCR Instructor	Prefrontal brain structures, aging, and decision-making
Duff, Melissa/Ph.D.	Assistant Professor	Communication Sciences & Disorders (Neurology)	Training Mentor Student Thesis Committees Executive Committee Recruitment & Admissions Committee Awards Committee Course Instructor Lab Rotation Supervisor RCR Instructor	Memory, communication and social interaction

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Frank, Andrew/Ph.D.	Assistant Professor	Anatomy & Cell Biology	Training Mentor Student Thesis Committee Recruitment & Admissions Committee Lab Rotation Supervisor	Homeostatic control of synaptic function
Freeman, John/Ph.D.	Professor	Psychology	Training Mentor Student Thesis Committees Executive Committee Recruitment & Admissions Committee Course Instructor Lab Rotation Supervisor RCR Instructor	Neurobiology of learning and memory
Gonzalez-Alegre, Pedro/M.D.	Associate Professor	Neurology Clinician-Scientist (neurologist)	Training Mentor Student Thesis Committees Executive Committee Seminar Committee Lab Rotation Supervisor	Neurobiology of diseases of the basal ganglia
Green, Steven/Ph.D.	Professor	Biology (Otolaryngology-Head & Neck Surgery)	Training Mentor Student Thesis Committees Executive Committee Recruitment & Admissions Committee Course Instructor Lab Rotation Supervisor RCR Instructor Faculty Advisor	Intracellular signaling; signal transduction for neurotrophic stimuli
Hammond, Donna/Ph.D.	Professor & acting Head; Associate Dean, Carver College of Medicine	Anesthesia (Pharmacology)	Training Mentor Student Thesis Committees Lab Rotation Supervisor Faculty Advisor	Neuroanatomy, neurophysiology, and neuropharmacology of central nervous system
Howard, Matthew/M.D.	Professor & Head, Neurosurgery	Neurosurgery (Neurology) (Otolaryngology-Head & Neck Surgery) Clinician-Scientist (neurosurgeon)	Training Mentor Student Thesis Committees Lab Rotation Supervisor RCR Instructor	Neural basis of audition

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Johnson, A. Kim/Ph.D.	Professor	Psychology (Health & Human Physiology) (Pharmacology)	Training Mentor Student Thesis Committees Executive Committee Recruitment & Admissions Committee Course Instructor Lab Rotation Supervisor RCR Instructor	Neuronal control of behavior, hormonal systems, circulation
Kitamoto, Toshihiro/Ph.D.	Associate Professor	Anesthesia (Pharmacology)	Training Mentor Student Thesis Committees Lab Rotation Supervisor	Genetics of complex behavior
LaLumiere, Ryan/Ph.D.	Assistant Professor	Psychology	Training Mentor Student Thesis Committees Awards Committee RCR Instructor	Neurobiology of drug addiction
Lee, Amy/Ph.D.	Associate Professor	Molecular Physiology & Biophysics (Otolaryngology-Head & Neck Surgery) (Biomedical Engineering ) (Neurology)	Training Mentor Student Thesis Committee Recruitment & Admissions Committee Comprehensive Exam Committee Lab Rotation Supervisor	Regulation of voltage-gated Ca <sup>2+</sup> channels
Lee, Gloria/Ph.D.	Associate Professor	Internal Medicine	Training Mentor Student Thesis Committees Executive Committee Recruitment & Admissions Committee Outreach I: Brain Bee Committee Outreach II: Brain Awareness Committee Lab Rotation Supervisor RCR Instructor Faculty Advisor	Neuronal cytoskeleton, signal transduction and neurodegenerative diseases
Mohapatra, Durga/Ph.D.	Assistant Professor	Pharmacology (Anesthesia)	Training Mentor Student Thesis Committee Comprehensive Exam Committee Course Instructor Lab Rotation Supervisor RCR Instructor	Ion channel modulations and cellular plasticity

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Moser, David/Ph.D.	Professor	Psychiatry Clinician-Scientist (clinical neuropsychologist)	Training Mentor Student Thesis Committees Comprehensive Exam Committee Recruitment & Admissions Committee Lab Rotation Supervisor RCR Instructor	Vascular disease and cognition in the elderly
Nopoulos, Peg/M.D.	Professor	Psychiatry (Pediatrics) (ICTS) Clinician-Scientist (psychiatrist)	Training Mentor Student Thesis Committees Executive Committee Recruitment & Admissions Committee Comprehensive Exam Committee Course Instructor Lab Rotation Supervisor RCR Instructor Faculty Advisor	Brain structure/function relationships using MRI and cognitive/behavioral assessment
O'Doriso, Sue/M.D., Ph.D.	Professor	Pediatrics Clinician-Scientist (pediatric oncologist)	Training Mentor Student Thesis Committees Seminar Committee Lab Rotation Supervisor	Role of neuropeptides in development of neural crest and cerebellum
O'Leary, Daniel/Ph.D.	Professor	Psychiatry	Training Mentor Student Thesis Committees Comprehensive Exam Committee Faculty Advisor Lab Rotation Supervisor RCR Instructor	Human cognitive function and its neural basis; neuroimaging
Paulsen, Jane/Ph.D.	Professor	Psychiatry (Psychology) (Neurology) Clinician-Scientist (clinical neuropsychologist)	Training Mentor Student Thesis Committees Outreach II: Brain Awareness Committee Recruitment & Admissions Committee Lab Rotation Supervisor RCR Instructor	Neural basis of cognition; preclinical deficits in dementia gene carriers; Huntington's disease
Pieper, Andrew/M.D., Ph.D.	Associate Professor	Psychiatry Clinician-Scientist (psychiatrist)	Training Mentor Lab Rotation Supervisor	Discovery of new treatments for neuropsychiatric disease

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Potash, James/M.D., M.PH.	Professor & Paul W. Penningroth Chair; Head of Psychiatry	Psychiatry Clinician-Scientist (psychiatrist)	Training Mentor Lab Rotation Supervisor	Genetics and epigenetics of mood disorders
Radley, Jason/Ph.D.	Assistant Professor	Psychology	Training Mentor Lab Rotation Supervisor RCR Instructor	Neural circuitry for adaptive neuroendocrine responses to stress
Rahmouni, Kamal/Ph.D.	Associate Professor	Pharmacology (Internal Medicine)	Training Mentor Student Thesis Committees Lab Rotation Supervisor	Neurobiology of metabolism and cardiovascular function
Richerson, George/M.D., Ph.D.	Professor & Head of Neurology	Neurology (Molecular Physiology & Biophysics) Clinician-Scientist (neurologist)	Training Mentor Student Thesis Committees Lab Rotation Supervisor RCR Instructor	Serotonin neurons, pH control and sudden death
Rizzo, Matthew/M.D.	Professor	Neurology (Industrial Engineering) Clinician-Scientist (neurologist)	Training Mentor Student Thesis Committees Executive Committee Faculty Membership Committee Lab Rotation Supervisor	Behavioral neurology, cognitive neuroscience, vision, neuroergonomics
Russo, Andrew/Ph.D.	Professor	Molecular Physiology & Biophysics (Neurology)	Training Mentor Student Thesis Committees Recruitment & Admissions Committee Lab Rotation Supervisor RCR Instructor Faculty Advisor	Neuronal control of gene expression
Sigmund, Curt/Ph.D.	Professor & Head of Pharmacology	Pharmacology (Molecular Physiology & Biophysics) (Internal Medicine)	Training Mentor Student Thesis Committees Lab Rotation Supervisor	Neural control of blood pressure regulation
Sluka, Kathleen/P.T., Ph.D.	Professor	Physical Therapy (Nursing) Clinician-Scientist (physical therapist)	Training Mentor Student Thesis Committees Student Advisory Committee Outreach II: Brain Awareness Committee Course Instructor Lab Rotation Supervisor RCR Instructor Faculty Advisor	Somatosensory system; neuropharmacology of pain

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Strack, Stefan/Ph.D.	Professor	Pharmacology (Pathology)	Training Mentor Student Thesis Committees Seminar Committee Comprehensive Exam Committee Lab Rotation Supervisor RCR Instructor	Protein phosphatase 2A in neuronal signal transduction
Tranel, Daniel/Ph.D.	Professor	Neurology and Psychology Clinician-Scientist (clinical neuropsychologist)	Training Mentor and Program Director Student Thesis Committees Executive Committee Course Instructor Lab Rotation Supervisor RCR Instructor Faculty Advisor	Neuropsychological and neuroanatomical correlates of complex human behavior
Usachev, Yuriy/Ph.D.	Associate Professor	Pharmacology (Anesthesia)	Training Mentor Student Thesis Committees RCR Instructor	Molecular and cellular mechanisms of pain transmission and neurodegeneration
Vecera, Shaun/Ph.D.	Professor	Psychology	Training Mentor Student Thesis Committees Recruitment & Admissions Committee Comprehensive Exam Committee Lab Rotation Supervisor RCR Instructor Faculty Advisor	Visual cognition
Weiner, Joshua/Ph.D.	Associate Professor	Biology	Training Mentor Student Thesis Committees Executive Committee Recruitment & Admissions Committee Course Instructor Lab Rotation Supervisor RCR Instructor Faculty Advisor	Cell adhesion molecules in nervous system development and function
Welsh, Michael/M.D.	Professor	Internal Medicine (Molecular Physiology & Biophysics) (Neurosurgery) Clinician-Scientist (internist)	Training Mentor Student Thesis Committees Lab Rotation Supervisor	Ion channels and their abnormalities in disease

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Wemmie, John/M.D., Ph.D.	Associate Professor	Psychiatry (Neurosurgery) (Molecular Physiology & Biophysics) Clinician-Scientist (psychiatrist)	Training Mentor Student Thesis Committees Recruitment & Admissions Committee Comprehensive Exam Committee Lab Rotation Supervisor RCR Instructor Faculty Advisor	Role of acid sensing ion channels in fear related behavior
Wu, Chun-Fang/Ph.D.	Professor	Biology	Training Mentor Student Thesis Committees Course Instructor Lab Rotation Supervisor RCR Instructor Faculty Advisor	Ion channels; activity-dependent neural plasticity; learning behavior in <i>drosophila</i>