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.

<table>
<thead>
<tr>
<th>Name/Degree(s)</th>
<th>Rank</th>
<th>Primary (&amp; Secondary) Appointment(s)</th>
<th>Role in Program</th>
<th>Research Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anderson, Steven/Ph.D.</td>
<td>Associate Professor</td>
<td>Neurology, Clinician-Scientist (clinical neuropsychologist)</td>
<td>Training Mentor, Student Thesis Committees, Executive Committee, Evaluation &amp; Tracking Committee, Lab Rotation Supervisor, RCR Instructor, Faculty Advisor</td>
<td>Human higher cortical functions (frontal lobe)</td>
</tr>
<tr>
<td>Andreasen, Nancy/M.D., Ph.D.</td>
<td>Professor</td>
<td>Psychiatry, Education, Clinician-Scientist (psychiatrist)</td>
<td>Training Mentor, Student Thesis Committee, Executive Committee, Lab Rotation Supervisor</td>
<td>Brain imaging in the major psychoses</td>
</tr>
<tr>
<td>Blumberg, Mark/Ph.D.</td>
<td>F. Wendell Miller</td>
<td>Psychology, Biology</td>
<td>Training Mentor, Recruitment &amp; Admissions Committee, Executive Committee, Lab Rotation Supervisor, Faculty Advisor</td>
<td>Neural bases and function of sleep during development</td>
</tr>
<tr>
<td>Bonthius, Daniel/M.D., Ph.D.</td>
<td>Associate Professor</td>
<td>Pediatrics, Neurology, Clinician-Scientist (pediatric neurologist)</td>
<td>Training Mentor, Student Thesis Committees, Faculty Membership Committee, Comprehensive Exam Committee, Lab Rotation Supervisor</td>
<td>Neuroteratology</td>
</tr>
<tr>
<td>Cassell, Martin/Ph.D.</td>
<td>Professor</td>
<td>Anatomy &amp; Cell Biology</td>
<td>Training Mentor, Student Thesis Committees, Evaluation &amp; Tracking Committee, Recruitment &amp; Admissions Committee, Course Instructor, Lab Rotation Supervisor, RCR Instructor</td>
<td>Delineating the microcircuitry of brain systems involved in emotion</td>
</tr>
<tr>
<td>Name/Degree(s)</td>
<td>Rank</td>
<td>Primary (&amp; Secondary) Appointment(s)</td>
<td>Role in Program</td>
<td>Research Interest</td>
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</tr>
</tbody>
</table>
| 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 |
<table>
<thead>
<tr>
<th>Name/Degree(s)</th>
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<th>Primary (&amp; Secondary) Appointment(s)</th>
<th>Role in Program</th>
<th>Research Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frank, Andrew/Ph.D.</td>
<td>Assistant Professor</td>
<td>Anatomy &amp; Cell Biology</td>
<td>Training Mentor&lt;br&gt;Student Thesis Committee&lt;br&gt;Recruitment &amp; Admissions Committee&lt;br&gt;Lab Rotation Supervisor</td>
<td>Homeostatic control of synaptic function</td>
</tr>
<tr>
<td>Freeman, John/Ph.D.</td>
<td>Professor</td>
<td>Psychology</td>
<td>Training Mentor&lt;br&gt;Student Thesis Committees&lt;br&gt;Executive Committee&lt;br&gt;Recruitment &amp; Admissions Committee&lt;br&gt;Course Instructor&lt;br&gt;Lab Rotation Supervisor&lt;br&gt;RCR Instructor</td>
<td>Neurobiology of learning and memory</td>
</tr>
<tr>
<td>Gonzalez-Alegre, Pedro/M.D.</td>
<td>Associate Professor</td>
<td>Neurology&lt;br&gt;Clinician-Scientist (neurologist)</td>
<td>Training Mentor&lt;br&gt;Student Thesis Committees&lt;br&gt;Executive Committee&lt;br&gt;Seminar Committee&lt;br&gt;Lab Rotation Supervisor</td>
<td>Neurobiology of diseases of the basal ganglia</td>
</tr>
<tr>
<td>Green, Steven/Ph.D.</td>
<td>Professor</td>
<td>Biology&lt;br&gt;(Otolaryngology-Head &amp; Neck Surgery)</td>
<td>Training Mentor&lt;br&gt;Student Thesis Committees&lt;br&gt;Executive Committee&lt;br&gt;Recruitment &amp; Admissions Committee&lt;br&gt;Course Instructor&lt;br&gt;Lab Rotation Supervisor&lt;br&gt;RCR Instructor</td>
<td>Intracellular signaling; signal transduction for neurotrophic stimuli</td>
</tr>
<tr>
<td>Hammond, Donna/Ph.D.</td>
<td>Professor &amp; acting Head; Associate Dean, Carver College of Medicine</td>
<td>Anesthesia&lt;br&gt;(Pharmacology)</td>
<td>Training Mentor&lt;br&gt;Student Thesis Committees&lt;br&gt;Lab Rotation Supervisor&lt;br&gt;Faculty Advisor</td>
<td>Neuroanatomy, neurophysiology, and neuropharmacology of central nervous system</td>
</tr>
<tr>
<td>Howard, Matthew/M.D.</td>
<td>Professor &amp; Head, Neurosurgery</td>
<td>Neurosurgery&lt;br&gt;(Neurology)&lt;br&gt;(Otolaryngology-Head &amp; Neck Surgery)&lt;br&gt;Clinician-Scientist (neurosurgeon)</td>
<td>Training Mentor&lt;br&gt;Student Thesis Committees&lt;br&gt;Lab Rotation Supervisor&lt;br&gt;RCR Instructor</td>
<td>Neural basis of audition</td>
</tr>
<tr>
<td>Name/Degree(s)</td>
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<td>Primary (&amp; Secondary) Appointment(s)</td>
<td>Role in Program</td>
<td>Research Interest</td>
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<tr>
<td>Johnson, A. Kim/Ph.D.</td>
<td>Professor</td>
<td>Psychology (Health &amp; Human Physiology) (Pharmacology)</td>
<td>Training Mentor, Student Thesis Committees, Executive Committee, Recruitment &amp; Admissions Committee, Course Instructor, Lab Rotation Supervisor, RCR Instructor</td>
<td>Neuronal control of behavior, hormonal systems, circulation</td>
</tr>
<tr>
<td>Kitamoto, Toshihiro/Ph.D.</td>
<td>Associate Professor</td>
<td>Anesthesia (Pharmacology)</td>
<td>Training Mentor, Student Thesis Committees, Lab Rotation Supervisor</td>
<td>Genetics of complex behavior</td>
</tr>
<tr>
<td>LaLumiere, Ryan/Ph.D.</td>
<td>Assistant Professor</td>
<td>Psychology</td>
<td>Training Mentor, Student Thesis Committees, Awards Committee, RCR Instructor</td>
<td>Neurobiology of drug addiction</td>
</tr>
<tr>
<td>Lee, Amy/Ph.D.</td>
<td>Associate Professor</td>
<td>Molecular Physiology &amp; Biophysics (Otolaryngology-Head &amp; Neck Surgery) (Biomedical Engineering) (Neurology)</td>
<td>Training Mentor, Student Thesis Committee, Recruitment &amp; Admissions Committee, Comprehensive Exam Committee, Lab Rotation Supervisor</td>
<td>Regulation of voltage-gated Ca2+ channels</td>
</tr>
<tr>
<td>Lee, Gloria/Ph.D.</td>
<td>Associate Professor</td>
<td>Internal Medicine</td>
<td>Training Mentor, Student Thesis Committees, Executive Committee, Recruitment &amp; Admissions Committee, Outreach I: Brain Bee Committee, Outreach II: Brain Awareness Committee, Lab Rotation Supervisor, RCR Instructor, Faculty Advisor</td>
<td>Neuronal cytoskeleton, signal transduction and neurodegenerative diseases</td>
</tr>
<tr>
<td>Mohapatra, Durga/Ph.D.</td>
<td>Assistant Professor</td>
<td>Pharmacology (Anesthesia)</td>
<td>Training Mentor, Student Thesis Committee, Comprehensive Exam Committee, Course Instructor, Lab Rotation Supervisor, RCR Instructor</td>
<td>Ion channel modulations and cellular plasticity</td>
</tr>
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<td>Name/Degree(s)</td>
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<td>Role in Program</td>
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</tbody>
</table>
| 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'Dorisio, 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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<th>Research Interest</th>
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<tr>
<td>Potash, James/M.D., M.PH.</td>
<td>Professor &amp; Paul W. Penningroth Chair; Head of Psychiatry</td>
<td>Psychiatry; Clinician-Scientist (psychiatrist)</td>
<td>Training Mentor; Lab Rotation Supervisor</td>
<td>Genetics and epigenetics of mood disorders</td>
</tr>
<tr>
<td>Radley, Jason/Ph.D.</td>
<td>Assistant Professor</td>
<td>Psychology</td>
<td>Training Mentor; Lab Rotation Supervisor; RCR Instructor</td>
<td>Neural circuitry for adaptive neuroendocrine responses to stress</td>
</tr>
<tr>
<td>Rahmouni, Kamal/Ph.D.</td>
<td>Associate Professor</td>
<td>Pharmacology (Internal Medicine)</td>
<td>Training Mentor; Student Thesis Committees; Lab Rotation Supervisor</td>
<td>Neurobiology of metabolism and cardiovascular function</td>
</tr>
<tr>
<td>Richerson, George/M.D., Ph.D.</td>
<td>Professor &amp; Head of Neurology</td>
<td>Neurology (Molecular Physiology &amp; Biophysics); Clinician-Scientist (neurologist)</td>
<td>Training Mentor; Student Thesis Committees; Lab Rotation Supervisor; RCR Instructor</td>
<td>Serotonin neurons, pH control and sudden death</td>
</tr>
<tr>
<td>Rizzo, Matthew/M.D.</td>
<td>Professor</td>
<td>Neurology (Industrial Engineering); Clinician-Scientist (neurologist)</td>
<td>Training Mentor; Student Thesis Committees; Executive Committee; Faculty Membership Committee; Lab Rotation Supervisor</td>
<td>Behavioral neuroscience, vision, neuroergonomics</td>
</tr>
<tr>
<td>Russo, Andrew/Ph.D.</td>
<td>Professor</td>
<td>Molecular Physiology &amp; Biophysics (Neurology)</td>
<td>Training Mentor; Student Thesis Committees; Recruitment &amp; Admissions Committee; Lab Rotation Supervisor; RCR Instructor; Faculty Advisor</td>
<td>Neuronal control of gene expression</td>
</tr>
<tr>
<td>Sigmund, Curt/Ph.D.</td>
<td>Professor &amp; Head of Pharmacology</td>
<td>Pharmacology (Molecular Physiology &amp; Biophysics) (Internal Medicine)</td>
<td>Training Mentor; Student Thesis Committees; Lab Rotation Supervisor</td>
<td>Neural control of blood pressure regulation</td>
</tr>
<tr>
<td>Sluka, Kathleen/P.T., Ph.D.</td>
<td>Professor</td>
<td>Physical Therapy (Nursing); Clinician-Scientist (physical therapist)</td>
<td>Training Mentor; Student Thesis Committees; Student Advisory Committee; Outreach II: Brain Awareness Committee; Course Instructor; Lab Rotation Supervisor; RCR Instructor; Faculty Advisor</td>
<td>Somatosensory system; neuropharmacology of pain</td>
</tr>
<tr>
<td>Name/Degree(s)</td>
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</tr>
</tbody>
</table>
| 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                                                                                                           |
<table>
<thead>
<tr>
<th>Name/Degree(s)</th>
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<th>Primary (&amp; Secondary) Appointment(s)</th>
<th>Role in Program</th>
<th>Research Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wemmie, John/M.D., Ph.D.</td>
<td>Associate Professor</td>
<td>Psychiatry (Neurosurgery) (Molecular Physiology &amp; Biophysics) Clinician-Scientist (psychiatrist)</td>
<td>Training Mentor Student Thesis Committees Recruitment &amp; Admissions Committee Comprehensive Exam Committee Lab Rotation Supervisor RCR Instructor Faculty Advisor</td>
<td>Role of acid sensing ion channels in fear related behavior</td>
</tr>
<tr>
<td>Wu, Chun-Fang/Ph.D.</td>
<td>Professor</td>
<td>Biology</td>
<td>Training Mentor Student Thesis Committees Course Instructor Lab Rotation Supervisor RCR Instructor Faculty Advisor</td>
<td>Ion channels; activity-dependent neural plasticity; learning behavior in <em>drosophila</em></td>
</tr>
</tbody>
</table>