Neuroscience, PhD

For information about predoctoral training opportunities in neuroscience, contact the Neuroscience Program.

Learning Outcomes

Graduates will:

- achieve a broad and deep knowledge base in neuroscience spanning the subdisciplines from cell/molecular to systems/cognitive neuroscience;
- achieve a high proficiency in research theory, design, and practice, including the ability to apply appropriate quantitative methods and statistical approaches, design and carry out the research with rigor and reproducibility, and incorporate responsible conduct in all phases of the research;
- develop strong oral and written communication skills so that they can be conversant with neuroscientists in any area of the field and can bring a broad interdisciplinary perspective to their own research;
- develop teaching effectiveness in formal and informal settings and establish credentials in teaching excellence; and
- provide impactful service to the program, institution, and scientific community, and understand the value of providing engaging outreach to society to prepare them for effective entry into the workforce and society.