**Doctoral Program in Anatomy & Neurobiology**

http://www.bumc.bu.edu/anatneuro/

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**Year 1: Fall**
- Systems Neurobiology
- Human Gross Anatomy
- Research Colloquium in Anatomy & Neurobiology

**Year 1: Spring**
- Foundations in Teaching in the Biomedical Sciences
- Methods in Neuroscience
- Professional Skills for Students in the Biomedical Sciences

**Year 2: Fall**
- Fundamentals of Cell & Molecular Neurobiology
- Experimental Design & Statistical Methods
- Scientific Writing

**Year 2: Spring**
- PhD Qualifying Exam
- Advanced seminar
- Cognitive Neuroscience
- Elective(s)

**Years 3-5**
- Research and Dissertation
- Applied Teaching in the Biomedical Sciences
- Anatomy Research
- Advanced seminar
- Elective(s)

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BU Anatomy & Neurobiology
anbusm@bu.edu

Jeannine Foley, Program Director
617-358-0334

@BUAnatNeuro

72 East Concord Street, L-1004
Boston, MA 02118

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The doctoral program in Anatomy & Neurobiology prepares graduates for successful careers in neuroscience research and in biomedical education. PhD students take advanced courses that are part of the Graduate School curriculum and subsequently participate as Teaching Fellows in these courses through our renowned Vesalius Teaching Program. The PhD program is designed to produce well-rounded biomedical scientists capable of including both stellar research and exceptional teaching in the course of their career.

PhD students enjoy a full-tuition model which includes a stipend for living expenses, health insurance and exemption from student fees.

Find your Research Passion at BU

The Department of Anatomy & Neurobiology is internationally recognized for its strong research programs in neuroscience and for its innovative discoveries over the past 50 years.

Our research laboratories use state-of-the-art research methods to explore wide-ranging areas of neuroscience in both animal models (rodents and non-human primates) and humans alike; such as:

- Structure, organization, and function of cerebral systems in health and disease
- Neural basis of cognitive decline in aging and age-related disorders
- Cortical development in the normal and disordered brain
- Mechanisms of neuronal plasticity that underlie cognition
- Structural correlates of cognitive changes seen in Alzheimer’s and other neurodegenerative diseases.

Teaching

PhD students have the unique opportunity to participate as Teaching Fellows in Departmental courses under the mentorship of our award-winning faculty. As a result of this training, our graduates are widely recognized and in-demand for their excellence in teaching in the anatomical sciences and in neuroscience.

Statement on Diversity

Our Department is committed to the purposeful cultivation of an academic community that is representative of society, and the inclusion of individuals of all backgrounds, traditions and individual differences. We believe this diversity enriches our teaching, mentoring and research missions.