Typical Curriculum



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

<u>Year 1: Fall</u>

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)

<u>Years 3-5</u>

Research and Dissertation Applied Teaching in the Biomedical Sciences Anatomy Research Advanced seminar Elective(s)



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



Boston University School of Medicine Department of Anatomy & Neurobiology



Doctoral Program in Anatomy & Neurobiology



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

Program Overview

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.



Research

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-theart 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 awardwinning faculty. As a result of this training, our graduates are widely recognized and indemand for their excellence in teaching in the anatomical sciences and in neuroscience.

Student Life

The Boston University Medical Campus is located in the vibrant South End neighborhood of Boston. BUMC is known for its rich history, culture, and community, and it is located in an area surrounded by shops, restaurants, nightlife and a thriving arts community. Our students have the opportunity to become involved in many extracurricular activities, organizations and committees that have a real impact on our Department and campus.



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.

