



**Weill Cornell
Medicine**

**Graduate School
of Medical Sciences**

A partnership with the Sloan Kettering Institute

NEUROSCIENCE

PROGRAM OVERVIEW

Students interact closely with faculty studying development, function, and disease of the nervous system from a wide variety of scientific disciplines.

DISCIPLINES OF STUDY:

Molecular Genetics

Electrophysiology

Biochemistry

Neuroimaging

Pharmacology

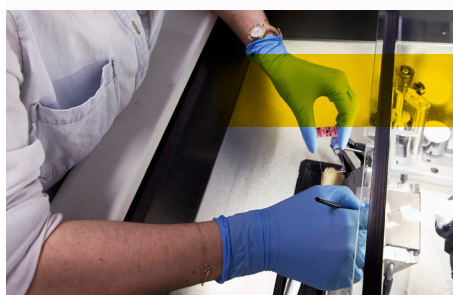
Computational and
Neuroscience

Quantitative Biology

Systems Neuroscience

Required Courses

- From Neuron to the Brain: An Introduction to Neuroscience
- Next Generation Methods
- Neuroscience Faculty and their Research
- Progress in Neuroscience Seminar Series
- Neuropharmacology
- Responsible Conduct of Research
- Quantitative Understanding in Biology



Application

All applications and materials can be submitted online at <http://bit.ly/WCGS-Apply>



WCGS Overview

- Collaboration of two leading research institutions – Weill Cornell Medical College (WCMC) and Sloan-Kettering Institute (SKI)
- Over 285 research faculty members, selected for their research excellence and academic mentorship

Why WCGS?

- **Location:** New York City's Scientific Corridor on the Upper East Side
- **Research:** Drug Discovery, Cancer Research, Stem Cell Research and Translational Medicine
- **Stipend:** \$41,000 per academic year, full tuition scholarship and subsidized housing

NEUROSCIENCE

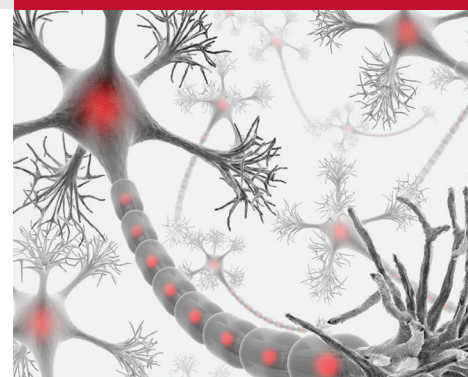
Timeline	Year 01	Year 02	Year 03	Year 04	Year 05...
Lab rotations	●				
Graduate research seminar	●				
Core curriculum courses	●	●			
Elective courses (two minimum)	●	●			
Select research focus and Special Committee (mentor plus two other faculty member experts in relevant research field)		●			
Admission to Doctoral Candidacy Examination (ACE) test (research proposal and oral examination)		●			
Thesis Lab research		●	●	●	●
Meetings with Special Committee		●	●	●	●
Compose PhD thesis				●	●
Defend thesis					●

Links

For More Information: <http://bit.ly/WCNeuro>

To Apply: bit.ly/WCGS-Apply

Questions? WCGS-Admissions@med.cornell.edu



Faculty

Students have the opportunity to work with over 50 Neuroscience faculty members across the Weill Cornell Medical College (WCMC), Sloan-Kettering Institute (SKI, part of Memorial Sloan-Kettering Cancer Center) and Burke-Cornell Medical Research Institute campuses. In addition, students can do laboratory rotations and work on thesis projects related to the field of Neuroscience with any of the WCGS faculty members.

Careers

WCGS is greatly focused on student outcomes and postgraduate career opportunities. We regularly host visits and talks by alumni, recruiters and career advisors, to discuss career opportunities and to help you develop the skills you need to succeed when looking towards your next steps. In addition, WCGS sponsors a Career Pathways Seminar series and is a sponsor of the Tri-Institutional Career Symposium and What Can you Be with a PhD? Career Symposium. Graduates typically go on to postdoctoral and research associate positions at top-tier laboratories before embarking on careers in fields such as academia, pharma, biotechnology, consulting, government work, and patent law.



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