Pursue a PhD in the Biomedical Sciences

Weill Cornell Medicine
Graduate School of Medical Sciences
A partnership with the Sloan Kettering Institute

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: $37,530 per academic year, full tuition scholarship and subsidized housing

WCGS Overview

- Collaboration of two leading research institutions–Weill Cornell Medicine (WCM) and Sloan-Kettering Institute (SKI)
- Faculty of more than 325, selected for their research excellence and academic mentorship

Student Body

This year's incoming class of 70 is one of the most diverse classes to date, both ethnically and culturally:

- Predominantly female
- Representing 10 different countries
- Over 27% underrepresented students

Student Life

- Affordable housing within a few blocks of classrooms and laboratories
- Access to New York City's wide range of cultural and recreational activities
- Student organizations, meetings, scientific conferences, social activities and events

Teaching Opportunities

Opportunities, including: High school teaching, graduate school teaching assistantships and others are available, but not required.

Career Opportunities

- Career Pathways Seminar Series
- Regular visits and talks from alumni, recruiters and career advisors
- Postdoctoral and research associate positions in front-rank laboratories
- Science-based careers in academia, biotechnology, consulting, medical writing, and patent law

Stipend & Tuition

Each student accepted to the PhD degree-granting program is awarded:

- Generous stipend of $37,530 to support basic living expenses for 2016-2017 academic year
- Full tuition scholarship including all tuition and academic fees
- Full health benefits and subsidized housing in New York City

For More Information http://gradschool.weill.cornell.edu • **To Apply:** http://bit.ly/WCGS-Apply
Questions?: WCGS-Admissions@med.cornell.edu

PROGRAMS

BCMC Allied Program

Operates as an alliance between three affiliates:

Biochemistry & Structural Biology

The Biochemistry & Structural Biology program offers opportunities for advanced training in the application of biochemical, structural, biophysical, and imaging methods to addressing questions relating to biological processes and mechanisms.

Cell & Developmental Biology

The Cell & Developmental Biology program comprises over 75 faculty members whose research focuses on a wide range of topics related to the control of normal and malignant cell growth, differentiation, and tissue development.

Molecular Biology

The Molecular Biology program provides unique research training to students in the molecular pathways involved in control of cell growth.

Immunology & Microbial Pathogenesis Program

Offers an unusually broad and rich training ground for the next generation of immunologists, in several areas of focus:

- Microbial immunity
- Tumor immunology
- Molecular and cellular immunology
- Lymphocyte and leukocyte biology
- Autoimmunity and inflammation

Neuroscience Program

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

- Molecular genetics
- Biochemistry
- Pharmacology
- Neuroanatomy
- Electrophysiology
- Computational and systems neuroscience

Pharmacology Program

Trains students in the underlying scientific foundations of modern pharmacology:

- Chemistry and chemical biology
- Molecular biology
- Receptor biology
- Neurosciences
- Cell and organ physiology

Physiology, Biophysics & Systems Biology Program

Engages students in education through research in current and innovative aspects of three synergistic components of quantitative biomedicine:

- Physiology – Examines the functions of cells, tissues, and organs;
- Biophysics – Looks at application of principles of physics to biological processes;
- Systems Biology – Focuses on the complex interactions between the molecular, cellular and tissue components of organisms.

ADMISSIONS TIMELINE

SEPT. 1
Online Application Opens

DEC. 1
Deadline for all Applications & Materials

JAN. 1
Selected Applicants will be invited for interviews

JAN. 18-20
Interview Session

FEB. 8-10
Interview Session

FEB. 28
All decisions will be released

APRIL 15
Deadline for response for matriculating students

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