Facilities

Our research is conducted within a 74,000-square-foot state-of-the-art Science Center integrated with a medical school campus. Students have access to our core facilities, not limited to:

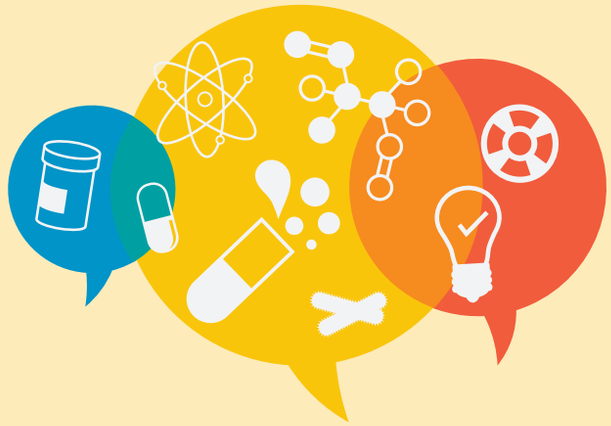
- Behavioral Core
- Confocal Microscopy
- Ensemble Neuronal Recording
- Flow Cytometry
- Histology Core
- *In Vitro Patch Clamp Recording*
- *In Vivo Electrophysiology*
- Laser Capture System
- Mass Spectrometry
- Next-Generation Sequencing
- Transgenic Mouse Core

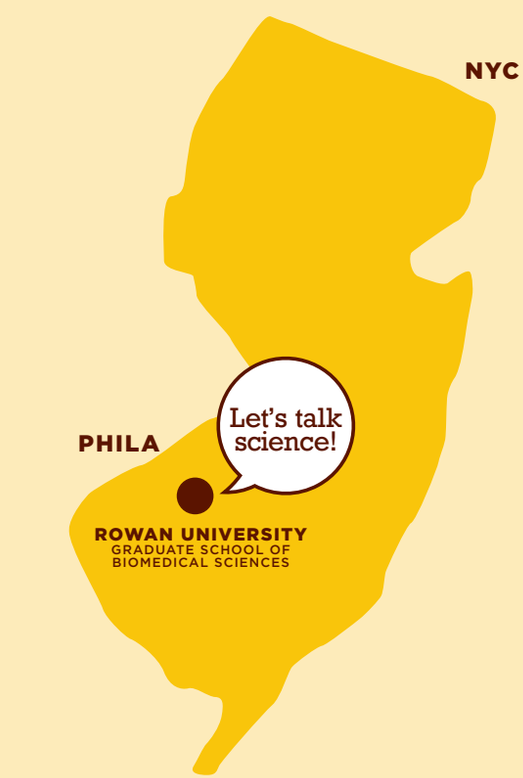
Where are we located?

RowanGSBS is conveniently located in Stratford, New Jersey. The nearby PATCO train station allows for a 20-minute ride into center city Philadelphia. The New Jersey beaches; New York City and Washington, DC are all easily accessible as well.

Don't Delay, Apply Today!

In order to receive full consideration, applicants are encouraged to apply by **December 15.** However, applications are considered until all positions are filled.





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THE DOCTORAL PROGRAM

gsbs.rowan.edu

RowanUniversity
GRADUATE SCHOOL OF
BIOMEDICAL SCIENCES

About the Doctoral Program

The Doctor of Philosophy (PhD) at Rowan University Graduate School of Biomedical Sciences (RowanGSBS) in Molecular Cell Biology and Neuroscience is a challenging and exciting educational experience at one of the northeast corridor's fastest growing and most influential centers for biomedical research and discovery.

We offer research concentrations in:

- Cell Biology
- Molecular Biology
- Neuroscience

Doctoral students will benefit from close collaboration with our enthusiastic, highly-committed faculty whose research ranges from fundamental areas of biomedical sciences to innovative medical applications.

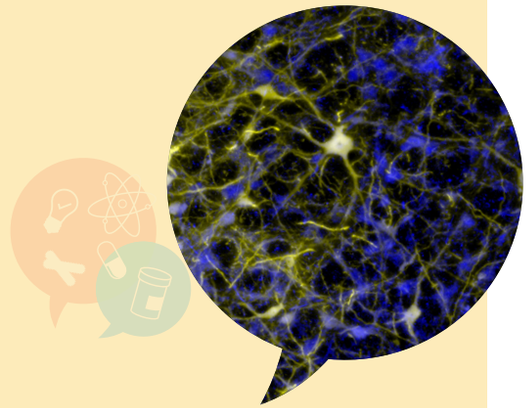
All doctoral students receive

- A competitive stipend
- Tuition remission
- Paid health insurance
- Paid student fees

Research Interests

In our labs you will find dedicated faculty with diverse research interests such as:

› Cell Biology
› Molecular & Cellular Neurobiology
› Behavioral Neuroscience
› Neuropharmacology
› Drug Discovery
› Cancer
› Myelination
› Drug Addiction
› Model Organisms (Yeast and C. Elegans)
› Genetic Diseases
› Neurotransmitter Systems
› Stress and Anxiety
› Opioid Drug Actions
› Traumatic Brain Injury
› Translational Research
› Mitochondrial Biology
› DNA Repair and Replication
› Structural Biology
› Ribosome Biogenesis and Function
› Nucleic Acids



Our Graduates

Our Graduates of the doctoral program complete their degrees on average in **5.7 years**, which is less than the national average*.

In addition, **93%** of our doctoral graduates have secured a position in the field within a year of graduation and have started careers in a variety of settings such as:

Children's Hospital of Philadelphia
Fox Chase Cancer Center
GlaxoSmithKline
GENEWIZ
Harvard University
Johns Hopkins University
Mayo Clinic
National Institutes of Health
Penn State University
Stony Brook Medicine
University of Pennsylvania
Weill Cornell Medical Center
Yale University

Not ready to commit to the doctoral program?

Students in the Master of Science in Molecular Cell Biology and Neuroscience program attend courses with their doctoral classmates, preparing them for a smooth transition into the doctoral program.

*According to the 2020 Survey of Earned Doctorates (SED), the national average for time to degree is 5.8 years in the Biological and Biomedical Sciences.