

Program in Quantitative and Computational Biology

Administered by the Lewis-Sigler Institute for Integrative Genomics

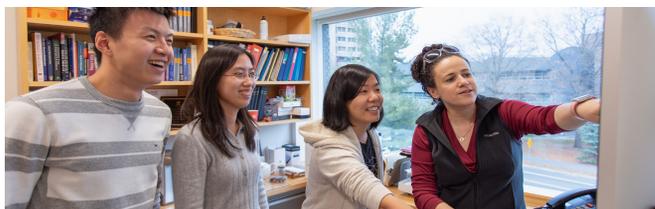


Overview

The physical heart of the QCB program is the Carl Icahn Laboratory, an architectural landmark located adjacent to molecular biology, chemistry, neuroscience, physics and mathematics on Princeton's main campus. Students have access to a wealth of resources, both intellectual and tangible, such as world-leading capabilities in DNA sequencing, mass spectrometry, and advanced imaging. They also benefit from the friendly atmosphere of the program, which includes tea and cookies every afternoon. When not busy doing science, students can partake in an active campus social scene and world class arts and theater events on campus.

Our Program provides personalized education

- Courses and training in QCB fundamentals
- Research rotations with program faculty to assist you in finding a thesis lab
- Teaching experience in our QCB courses
- Guidance from a thesis committee to oversee your dissertation to its defense



Additional Program Features

- Our students come from **many areas of study**: biology, biochemistry, biomedical engineering, computer science, mathematics, physics, just to name a few.
- **Areas of Research**: Biochemistry, Bioinformatics/Statistics, Biophysics, Cell/Developmental Biology, Computational Biology, Evolution, Genomics, Metabolism/Metabolomics, Microbiology, Modeling/Computation, Neuroscience, Systems Biology
- Students receive a **competitive stipend, full tuition and health insurance** throughout duration of the program.
- Over 50 faculty from diverse, interdisciplinary academic backgrounds to work with:
<https://lsi.princeton.edu/qcbgraduate/faculty-research>

Program Highlights

- Peer Mentoring Program for first-year students
- Daily Institute tea & cookies; weekly Institute happy hour
- Annual retreat for Institute students, postdoctoral researchers and faculty
- Weekly seminar series: attend research talks and network with speakers over lunch
- Student Colloquium: a weekly event formatted to showcase your independent research

Admission Requirements

- Statement of academic purpose
- Resume or curriculum vitae
- Three letters of recommendation
- Transcripts and fall semester grades
- Prerequisite tests — English Language Tests, if applicable
- Application Deadline: **December 1**
- Program Length: **Five years**

Contact Information and Important Links

Director of Graduate Studies

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QCB Graduate Program

<https://lsi.princeton.edu/qcbgraduate>

To apply: <https://gradschool.princeton.edu/admission>

We want to hear from you! Let us know if you have any questions.

