The Tri-Institutional PhD in Chemical Biology (TPCB) is offered jointly by three outstanding research institutions. The program is designed to train the next generation of scientific leaders working at the interface of chemistry, biology, and medicine. TPCB offers an unparalleled scientific environment that includes:

- World-class research faculty
- State-of-the-art laboratory facilities
- Collaborative research opportunities
- Full fellowship support for duration of training

TPCB is funded by an NIH T32 Training Grant.

TPCB students are a diverse and highly motivated group of young scientists from a wide range of backgrounds. Students from underrepresented and disadvantaged backgrounds, and those with disabilities are encouraged to apply.
TPCB FACULTY
Outstanding research faculty and well-funded laboratories

- 54 program faculty across 3 campuses
- 2003 Nobel Prize in Chemistry
- 2018 Lasker Award for Basic Medical Research
- 2013 & 2015 Breakthrough Prizes in Life Science
- 6 Howard Hughes Med Inst (HHMI) Investigators
- 9 National Academy of Sciences Members
- 2 Members of National Academy of Medicine
- $50 Million in NIH Funding
- 2 NCI Outstanding Investigator Awards
- 7 NIGMS MIRA Awardees
- 1 NIH Director’s Pioneer Awardee
- 1 NINDS Research Program Awardee
- 8 NIH Director’s New Innovators Awardees
- 1 NIH Director’s Early Independence Awardee
- 2 NIH Pathway to Independence Awardees
- 1 NSF Career Awardee

TPCB PROGRAM OF STUDY
Research at the interface of chemistry & biology

TPCB students engage in a comprehensive program of training in chemical biology, with the primary focus on laboratory research at the forefront of the field.

Year 1: Coursework & Lab Rotations
Students take classes and complete laboratory rotations.

Year 2: Thesis Lab & Qualifying Exam
Students begin working in their thesis labs and complete a qualifying exam.

Years 3 & Beyond: Research
TPCB students carry out their thesis research and complete the requirements for the PhD degree.

For more information, visit our website: chembio.triiprograms.org

STUDENT PUBLICATIONS

- 411 publications (and counting)
- Average of 5 publications per graduate

STUDENT LIFE
A close-knit community in the heart of NYC

Living on the desirable Upper East Side of Manhattan, a comfortable and safe neighborhood with a community feel, our students have easy access to restaurants, entertainment, sporting events, and sightseeing throughout the rest of NYC. TPCB provides a generous stipend, research allowance, tuition and fees, health insurance, and subsidized campus housing.

ALUMNI CAREERS


Pharmaceutical: Alnylam, Betta, Bristol-Myers, Lilly, Genentech, Janssen, Merck, Novartis, Pfizer

Biotechnology: Abcam, Abide, Betta Celmatix, Ceribell, Moderna, Myriad, Regeneron, Sutrovax, Wellspring

Research Institutes: D. E. Shaw, IAVI, Nathan Kline, Patient-Centered Outcomes Research Inst.

Government: FDA, National Academies