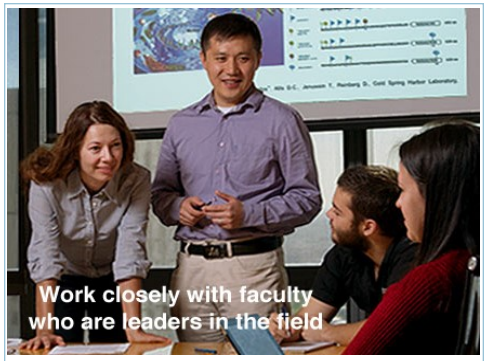

Facts:

3
laboratory rotations

5
major research areas

54
program faculty

7
students per class on average

5
papers per student on average

18
most papers by a TPCB student

APPLY NOW!
chembio.triiprograms.org

Application Deadline
December 1

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 PROGRAM LEADERSHIP

Program Director
Derek S. Tan, PhD

Associate Directors
Tarun M. Kapoor, PhD
Anant Menon, PhD

Executive Director (Administration)
Kathleen E. Pickering

Program Administrator
Margie Hinonangan-Mendoza, MA

CONTACT US

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Tri-Institutional PhD Program
Chemical Biology

Weill Cornell/Rockefeller/Sloan Kettering

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.

About TPCB

TPCB was established in 2001 as one of the first graduate programs in the world to focus on research and training at the interface of chemistry and biology. TPCB students are actively engaged in forefront research and benefit from outstanding scientific resources. This competitive program attracts top students from around the world.

Major Research Areas

- Bioactive Small Molecules
- Macromolecular Structure & Function
- Chemical Cell Biology
- Biotechnology
- Computational Chemistry

Key Program Features

- Research-focused curriculum
- World-class faculty
- Access to 3 premier institutions
- Basic and translational research
- Multidisciplinary collaborations
- State-of-the-art laboratories
- Career development training
- Access to NYC culture and events

Summer Internship

Undergraduate students may apply for 10-week paid research internships offered through the Chemical Biology Summer Program (ChBSP).
APPLY BY FEBRUARY 1.

http://chembio.triiprograms.org/about-tpcb/summer-internship/

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.

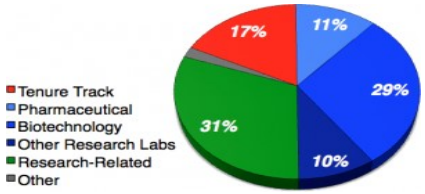
Year 2: Thesis Lab & Qualifying Exam
Students begin working in their thesis labs and complete a qualifying exam.

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)
- Publications in outstanding journals (including Cell, Nature, Science, Biochemistry, PNAS, PLoS One, Nature Chem. Biol., among others)
- Average of 5 publications per graduate



ALUMNI CAREERS

Recent Postdoctoral Fellowships: Basel, Harvard, HHMI Janelia Research; Max Planck, Rockefeller, Stanford, UT Southwestern, U. Basel, U. Illinois; U. Pittsburgh, U. Quebec

Tenure-Track: Auburn, Cal State, FSU, Harvard, IISER Pune, SMU, SUNY Stony Brook, U. Hong Kong, U. Michigan

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

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.