

Summer Undergraduate Internship Program

in the Biomedical Sciences




Penn

Biomedical Graduate Studies
University of Pennsylvania






" The support and guidance I received from Penn faculty has given me the confidence to take the next steps in pursuing a doctoral degree."
- Dorothy Tovar, SUIP 2014



The Summer Undergraduate Internship Program (SUIP) is designed to provide an intense research experience to students interested in graduate study in the biomedical sciences. Interns complete ten weeks of full-time laboratory research, attend state-of-the-art research seminars, and deliver scientific presentations to their peers and mentors. In addition, interns receive training in responsible conduct of research, laboratory safety, and presentation skills. Interns are also invited to career counseling sessions in which faculty and administrators discuss graduate school and career opportunities for biomedical scientists.



Areas of Research

Mentors are drawn from a group of over 600 biomedical faculty members representing various departments and schools. Broad areas of research interest include:

- Biochemistry and Molecular Biophysics
- Cell and Molecular Biology
 - Cancer Biology
 - Cell Biology and Physiology
 - Developmental, Stem Cell, and Regenerative Biology
 - Gene Therapy and Vaccines
 - Genetics and Gene Regulation
 - Microbiology, Virology, and Parasitology
- Epidemiology and Biostatistics
- Genomics and Computational Biology
- Immunology
- Neuroscience
- Pharmacology

Research Presentations

Penn belongs to The Leadership Alliance, a consortium of over 30 leading research and teaching academic institutions. Participants include Ivy League and minority serving institutions, all dedicated to improving the participation of underserved students in graduate programs and, ultimately, research professions in the academic, public and private sectors. Participants in the SUIP attend the Leadership Alliance Annual National Symposium and present their summer research as talks. For more information on this organization, visit www.theleadershipalliance.org. Interns will also present posters on their research projects at Penn to the other program participants, BGS faculty and students, postdocs and staff at the conclusion of the program.



"Participating in the SUIP gave me both the confidence and drive to apply to graduate school. Although it was hard work, I found that by the end of the program I learned how to be an independent researcher, how to appropriately tackle any difficulty in the project and most of all, how to appreciate teamwork and collaboration."
- Claudia Lanauze-Torres, SUIP 2012

Laboratory Research

Each intern is matched with a faculty mentor from the Biomedical Graduate Studies (BGS) programs. Interns participate in ongoing research in the mentor's laboratory and perform a specific, supervised research project related to the goals of the laboratory. Interns also interact with postdoctoral scholars, graduate students, and laboratory personnel.

Seminar Series

SUIP sponsors the Summer Seminar Series, a sequence of talks on timely issues in biomedical science presented by distinguished BGS faculty. The seminars provide interns with an opportunity to discover the breadth of research being conducted in various fields.

Social and Cultural

Interns enjoy a variety of events including trips to area museums, concerts and performances, historical sites and social events with current graduate students and program staff. The University of Pennsylvania has several summer programs and there are many free events on campus that are open to our interns. Philadelphia is a great city to visit, and an even better place to live.

Funding

Each intern receives a competitive stipend, on-campus housing, and transportation costs for one round trip to the University of Pennsylvania. The program runs for ten weeks.

Eligibility

The program is open to U.S. citizens and permanent residents ONLY. Applicants must be enrolled in a four-year college for the fall semester after the program ends. We encourage applications from students of all backgrounds, particularly those from underrepresented minority groups or disadvantaged backgrounds; with disabilities; or who attend small colleges.

"During my summer at Penn, the support and interaction with several faculty members and current graduate students helped me refine and enhance my interest in a PhD program. SUIP gave me the opportunity to do hands-on research at Penn (and at the Wistar Institute), while, at the same time, getting to know the university and the Philadelphia area as a great choice for graduate studies." - Alejandro Arroyo, SUIP 2011



Application Process

Application instructions can be found here: www.med.upenn.edu/suip/

Required elements are:

- Completed application form (online)
- One statement detailing both your career goals and your area of research interest
- Two letters of recommendation from academic faculty or advisors
- Uploaded copy of your undergraduate transcript (official copy sent by mail)

Dates and Deadlines

Applications will be accepted between November 1 and February 1.

Program orientation begins the first week of June.

Forward inquiries and application materials to:

SUIP/BGS

Office of Research Training Programs

University of Pennsylvania

160 BRB II/III

421 Curie Boulevard

Philadelphia, PA 19104

Tel. 215-573-8201

biomgrad@mail.med.upenn.edu

www.med.upenn.edu/suip



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