PennPREP
Post-Baccalaureate Research Education Program

Biomedical Graduate Studies
University of Pennsylvania
The University of Pennsylvania Post-Baccalaureate Research Education Program (PennPREP) offers a one-to two-year research experience for students who have completed college and are interested in pursuing a doctoral degree in the biomedical sciences. This program provides a significant research experience and preparation for applying to and succeeding in graduate school.

Eligibility

Only U.S. citizens or permanent residents are eligible for this program. Applicants must have a degree in a biomedical science from an accredited U.S. college or university and have graduated no more than 36 months prior to the start of the program. Applicants must intend to apply to a graduate program within two years of beginning the PREP program. Individuals who bring diversity to graduate study in the biological or biomedical sciences by reason of their culture, class, race, ethnicity, background, disability, work and life experiences, skills and interests are encouraged to apply for the program. Applications are especially encouraged from students who are Black/African-Americans, Hispanic/Latino/Chicano Americans, Native Americans and Alaskan Natives, and Pacific-Islanders.

Program Features

The program is designed to increase understanding of the principles and practices of biomedical research. The core of the program is a long-term research project conducted in the laboratory of a skilled faculty mentor. PREP scholars will learn to devise hypotheses, plan experiments, analyze results, and consider the impact of their research on their scientific discipline. Activities in the lab will be supplemented with opportunities designed to prepare PREP scholars for graduate school such as:

- Research seminars, retreats, and conferences
- One academic course per semester
- Workshops in scientific writing, public speaking, career advising, and Responsible Conduct of Research (RCR)
- Standardized test preparation
- Application assistance, with a focus on the personal essay and interview skills
- PREP scholars receive a competitive stipend, including health insurance
Program Features

The program is designed to increase understanding of the principles and practices of biomedical research. The core of the program is a long-term research project conducted in the laboratory of a skilled faculty mentor. PREP scholars will learn to devise hypotheses, plan experiments, analyze results, and consider the impact of their research on their scientific discipline. Activities in the lab will be supplemented with opportunities designed to prepare PREP scholars for graduate school such as:

- Research seminars, retreats, and conferences
- One academic course per semester
- Workshops in scientific writing, public speaking, career advising, and Responsible Conduct of Research (RCR)
- Standardized test preparation
- Application assistance, with a focus on the personal essay and interview skills
- PREP scholars receive a competitive stipend, including health insurance

Admission

Admission will be for one year, with the admission to a second (final) year based on academic performance. During the second year, scholars must commit to applying to graduate programs in the biomedical sciences.

Dates and Deadlines

Applications will be accepted between November 1 and March 1. Applicants will be notified of admission in March. The program will begin orientation activities in the beginning of June.

Forward inquiries and application material to:

PennPREP/BGS
Office of Research Training Programs
University of Pennsylvania
100 RNB B111
421 Curie Boulevard
Philadelphia, PA 19104
Tel. 215-746-8201
pennprep@mail.med.upenn.edu
www.med.upenn.edu/prep

PennPREP is primarily funded by a grant from the National Institutes of General Medical Sciences (NIGMS). Additional funding comes from Biomedical Graduate Studies at the University of Pennsylvania.

Penn PREP
Post-Baccalaureate Research Education Program
Biomedical Graduate Studies
University of Pennsylvania
The University of Pennsylvania Post-Baccalaureate Research Education Program (PennPREP) offers a one-to two-year research experience for students who have completed college and are interested in pursuing a doctoral degree in the biomedical sciences. This program provides a significant research experience and preparation for applying to and succeeding in graduate school.

Eligibility
Only U.S. citizens or permanent residents are eligible for this program. Applicants must have a degree in a biomedical science from an accredited U.S. college or university and have graduated no more than 36 months prior to the start of the program. Applicants must intend to apply to a graduate program within two years of beginning the PREP program. Individuals who bring diversity to graduate study in the biological or biomedical sciences by reason of their culture, class, race, ethnicity, background, disability, work and life experiences, skills and interests are encouraged to apply for the program. Applications are especially encouraged from students who are Black/African-Americans, Hispanic/Latino/Chicano Americans, Native Americans and Alaskan Natives, and Pacific-Islanders.

Areas of Research
Mentors are drawn from a group of over 600 faculty associated with Biomedical Graduate Studies (BGS) at the University of Pennsylvania. Mentors are united by their extensive experience in training scientists. Broad areas of research 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
- Pharmacology

Mentors have a diverse range of health interests, including cancer, cardiovascular disease, diabetes, infectious diseases and asthma.

Application Process
- Complete the application form: www.med.upenn.edu/prep/
- Submit an official undergraduate transcript (if still enrolled, a second transcript will be required with final grades and proof of degree)
- Provide three letters of recommendation from scientific academic faculty, research advisor or relevant employer.

Statement of Purpose
Personal statement:
Your personal statement allows you to discuss your academic and career objectives. Be as specific as you can about the area in which you plan to study and your reasons as to why the PREP program will fulfill your goals. It should be approximately 500 words in length.

Research statement:
Please provide a description of your research experiences, including the goals of each project, approaches used, results obtained, and implications of the findings for the project and the field at large. You may choose to describe a single research experience or several experiences. It should be approximately 1000 words in length.

Applications will be accepted between November 1 & March 1
The University of Pennsylvania Post-Baccalaureate Research Education Program (PennPREP) offers a one-to-two-year research experience for students who have completed college and are interested in pursuing a doctoral degree in the biomedical sciences. This program provides a significant research experience and preparation for applying to and succeeding in graduate school.

Eligibility
Only U.S. citizens or permanent residents are eligible for this program. Applicants must have a degree in a biomedical science from an accredited U.S. college or university and have graduated no more than 36 months prior to the start of the program. Applicants must intend to apply to a graduate program within two years of beginning the PREP program. Individuals who bring diversity to graduate study in the biological or biomedical sciences by reason of their culture, class, race, ethnicity, background, disability, work and life experiences, skills and interests are encouraged to apply for the program. Applications are especially encouraged from students who are Black/African-American, Hispanic/Latino/Chicano Americans, Native Americans and Alaskan Natives, and Pacific Islander.

Areas of Research
Mentors are drawn from a group of over 600 faculty associated with Biomedical Graduate Studies (BGS) at the University of Pennsylvania. Mentors are united by their extensive experience in training scientists. Broad areas of research 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 Pathology
  - Epidemiology and Biostatistics
  - Genomics and Computational Biology
  - Immunology
  - Neuroscience
  - Pharmacology

Mentors have a diverse range of health interests, including cancer, cardiovascular disease, diabetes, infectious diseases and asthma.

Application Process
- Complete the application form: www.med.upenn.edu/prep/
- Submit an official undergraduate transcript (if still enrolled, a second transcript will be required with final grades and proof of degree)
- Provide three letters of recommendation from scientific academic faculty, research advisors or relevant employers.

Statement of Purpose
Personal statement: Your personal statement allows you to discuss your academic and career objectives. Be as specific as you can about the area in which you plan to study and your reasons as to why the PREP program will fulfill your goals. It should be approximately 500 words in length.

Research statement: Please provide a description of your research experience(s), including the goals of each project, approaches used, results obtained, and implications of the findings for the project and the field at large.
You may choose to describe a single research experience or several experiences. It should be approximately 1000 words in length.

Applications will be accepted between November 1 & March 1.
Admission

Admission will be for one year, with the admission to a second (final) year based on academic performance. During the second year, scholars must commit to applying to graduate programs in the biomedical sciences.

Dates and Deadlines

Applications will be accepted between November 1 and March 1. Applicants will be notified of admission in March. The program will begin orientation activities in the beginning of June.

Forward inquiries and application materials to:

PennPREP/BGS
Office of Research Training Programs
University of Pennsylvania
160 BRB II/III
421 Curie Boulevard
Philadelphia, PA 19104

Tel. 215-573-8201
pennprep@mail.med.upenn.edu
www.med.upenn.edu/prep

PennPREP is primarily funded by a grant from the National Institute of General Medical Sciences (NIGMS). Additional funding comes from Biomedical Graduate Studies at the University of Pennsylvania.

Nondiscrimination: The University of Pennsylvania does not discriminate on the basis of race, color, sex, sexual orientation, gender identity, religion, creed, national or ethnic origin, citizenship status, age, disability, veteran status or any other legally protected class status in the administration of its admissions, financial aid, educational or athletic programs, or other University-administered programs or in its employment practices. Questions or complaints regarding this policy should be directed to the Executive Director of the Office of Affirmative Action and Equal Opportunity Programs, Sansom Place East, 3600 Chestnut Street, Suite 228, Philadelphia, PA 19104-6106; or (215) 898-6993 (voice).