The goal of the program is to increase the number of students from underrepresented groups in genome sciences and genomic medicine careers by providing opportunity for hands-on genomics research.

Areas of study include:
- Complex disease mapping, human genetic variation
- Genome-scale functional analysis of RNA, protein, and pathways
- Biophysical models of molecules
- Design of experimental systems using microfluidics & nano-fabrication
- Computational algorithms for genome-scale data
- Software engineering of analysis systems
- System-level modeling of cell processes & organismal development
- Evolutionary dynamics

**Summer Program**

**Duration:** 10 Weeks

**Required documents:**
- Completed online application form [www.med.upenn.edu/suip/](http://www.med.upenn.edu/suip/)
- One statement detailing both your career goals and your area of research interest
- 2 letters of recommendation from academic faculty or advisors
- Uploaded copy of your undergraduate transcript (official copy sent by mail)

**Deadline:** March 15, 2020

**Post-bac**

**Duration:** 1-2 Years

**Required documents:**
- Completed online application form [www.med.upenn.edu/prep/](http://www.med.upenn.edu/prep/)
- One statement detailing both your career goals and your area of research interest
- 3 letters of recommendation from academic faculty or advisors
- Uploaded copy of your undergraduate transcript (official copy sent by mail)

**Deadline:** April 1, 2020

For more information please email our coordinator at: maurkirs@pennmedicine.upenn.edu.