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**: February 1, 2019

**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**: March 1, 2019

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