

Smart and Connected Health Undergraduate Summer Workshop

Arts & Sciences at WPI

Workshop Dates: **May 15-21, 2016**

Application Deadline: **March 25, 2016**

The University of Massachusetts Medical School (UMMS) and the Worcester Polytechnic Institute (WPI) are jointly organizing a week-long summer workshop for undergraduate students in science and engineering to be held May 15-May 21, 2016. The workshop will expose students to a variety of software and medical devices that are focused on smart and connected health (SCH). This workshop is sponsored by National Science Foundation (NSF) through the Smart and Connected Health Program.

The workshop will consist of lectures and demonstrations involving next-generation health care solutions and recent breakthroughs in areas such as medical sensor technology, biologically inspired engineering, medical robotics, Big Data and predictive analytics. Accepted students will be given hands-on training in medical devices and algorithms related to health care and will work in teams to investigate real-world, life-threatening problems.

Eligibility:

Any student that satisfies the following criteria is eligible to apply:

1. U.S. citizen or permanent resident;
2. at least eighteen years of age; and
3. enrolled as a full-time engineering or science undergraduate student in a university located in Massachusetts.

We strongly encourage the following to apply: (1) women, (2) underrepresented racial or ethnic groups in science or engineering, (3) students from disadvantaged (economic or educational) families or (4) students who presently receive accommodations under the Americans with Disabilities act.

Application Requirements:

The workshop is open to 15 students. Space in the workshop is limited, and acceptance is highly competitive. Applicants will be selected based on their academic credentials, a 250-word personal statement, and a recommendation letter from an advisor or a professor.

Program Benefits:

- Accepted students will receive a stipend of \$500 to participate in the workshop. This stipend will cover food and travel expenses during the workshop.
- Free, on-campus housing will be provided at WPI.
- A special hang out session in the evening (dinner is provided) where students get to meet with professors and industry leaders to discuss career prospects.

Interested students can [download the application here](#) and submit their completed applications, along with a resume,

personal statement and a recommendation letter from an advisor or a professor, to schworkshop@wpi.edu **no later than March 25, 2016**. The students will be notified about their acceptance by April 12, 2016.