



## Research Experience for Undergraduates (REU)

### Cardiovascular Research: Engineering a Translational Experience (CREATE) May 30, 2017 – August 4, 2017

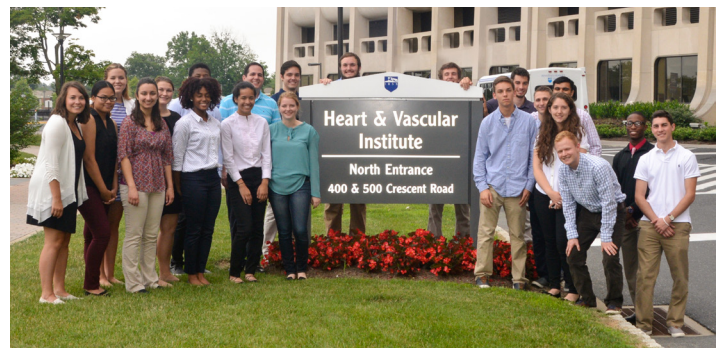
The Penn State Department of Biomedical Engineering's Research Experience for Undergraduates (REU) program, "Cardiovascular Research: Engineering a Translational Experience (CREATE)," runs May 30 to August 4, 2017, and is funded by a grant from the National Science Foundation.

The program provides a variety of research opportunities for undergraduate students in cardiovascular research.

Students will have an opportunity to join a number of cutting-edge research teams that focus on furthering the understanding of cardiovascular diseases and developing medical interventions to treat related conditions. Research projects will emphasize the development of implantable devices, artificial gene therapy, and drug delivery systems.

Students in the program will engage in a wide range of biomedical engineering research and participate in weekly group activities. These activities provide an overview of current technologies and expose students to the research challenges in each area.

Students will be challenged to use a creative skill set to innovate new solutions for the betterment of human health and society.



**Application Deadline: JANUARY 29, 2017**

Applications for the Penn State Department of Biomedical Engineering CREATE REU program are currently being accepted. We particularly welcome applications from undergraduate students who are enrolled in science and engineering programs, and those maintaining a strong interest in cardiovascular research. Travel assistance and a research stipend are provided to eligible students.

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<http://www.bme.psu.edu/create/index.aspx>