

2021 APPLICATION SITE OPENS **NOVEMBER 2020**

## SUMMER RESEARCH for UNDERGRADUATES



The Center for Engineering Mechanobiology seeks motivated undergraduate students from diverse backgrounds for its Undergraduate Summer Research Experience Program. This is a 10-week, on-campus program at the **University of Pennsylvania** and **Washington University in St. Louis**. Students are matched to projects within research groups based on their interests and educational background. Many projects are interdisciplinary and provide opportunities to develop research skills in the physical and biological sciences as well as engineering. Students develop practical skills in doing science: collaborating, designing experiments, collecting and analyzing data, and communicating results. Other aspects of the program complement the laboratory experience and are oriented toward professional development in broader scientific and career skills: seminars, journal clubs, professional skills and career workshops (research ethics, innovation, and technology transfer for instance).

### RESEARCH AREAS INCLUDE

- molecular biology
- cell and tissue mechanics in plants and animals
- bioengineering
- biochemistry and biophysics
- computational biology
- biomedical devices
- nanoscale science and engineering

### PROGRAM DETAILS

**Dates:** June 1 – August 6, 2021 (10-weeks)  
**Locations:** University of Pennsylvania (PENN) in Philadelphia, Pennsylvania  
Washington University in St. Louis, Missouri (WUSTL)

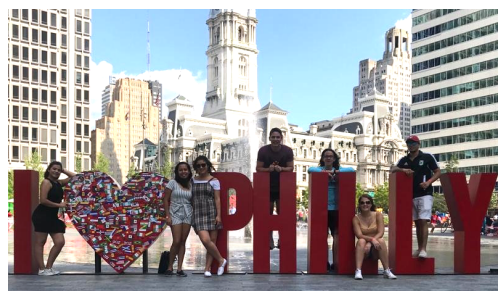
#### The program offers:

- A competitive stipend
- Summer housing
- Travel assistance (if eligible)
- Social activities (access to museums, cook-outs, baseball games)

**Application deadline: February 1, 2021**

Learn more and apply online at:

<https://cemb.upenn.edu/education/undergraduate-research-opportunities/>



**Questions or information:** Please contact Dr. Annie Jeong (PENN) at [annjeong@seas.upenn.edu](mailto:annjeong@seas.upenn.edu) or Ms. Patricia Widder (WUSTL) at [pwidder@seas.wustl.edu](mailto:pwidder@seas.wustl.edu)

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