

# GEORGETOWN UNIVERSITY

## REU Site in Materials Physics

### Engage in a focused research project in materials physics and related fields

Work closely with a faculty mentor on a project designed for undergraduates. Topics include biological physics, soft matter, hard condensed matter, micro and nano technologies, optics and imaging, quantum computation, physics education.

### Explore connections between scientific research and the world outside the lab

Addressing grand challenges like climate change and rising energy demands requires sustained communication between scientists and policy makers. Meet science-policy makers working in DC, discuss current issues, and learn how science and scientists contribute to the policy-making process.

### Build professional skills and career awareness

Participate in workshops on communicating science, preparing for graduate studies, STEM career paths, and more. Some events are organized jointly with the Physics REU Site at nearby Howard University.

### Join a welcoming and inclusive community

The physics department promotes a culture that celebrates differences and supports individuals in realizing their potential. The REU program is committed to providing a welcoming, inclusive, and collaborative environment for all participants.



**Program dates:** June 6 - August 12, 2022

**Stipend, housing, travel:** \$6000 stipend, housing in a residence hall, up to \$500 for travel expenses

**Eligibility:** Current undergraduates majoring in physics, chemistry, engineering, or related fields are encouraged to apply. Participants must be continuing in an undergraduate degree program following the REU. US citizenship or permanent residency is required.

*An in-person program is planned for summer 2022, contingent on the public health situation.*

For full consideration, apply by February 20

<https://physics.georgetown.edu/reu>