

# Center for Precision Assembly of Superstratic and Superatomic Solids (PAS<sup>3</sup>)



## Columbia University Research Experiences for Undergraduates (REU) Summer 2017

The PAS<sup>3</sup> led by Columbia University in partnership with City College of New York, Harvard University, Barnard College, and the University of the Virgin Islands, encompasses two Interdisciplinary Research Groups (IRGs) studying materials composed of atomically precise low-dimensional building blocks: two-dimensional atomic sheets and zero-dimensional molecular clusters. The joint Materials Research Center program at Columbia University and City College of NY (CCNY) supports outstanding undergraduates as Summer Research Fellows each year.

### Benefits

- \$4,000 stipend, campus housing (worth \$2,700) and round-trip travel
- Do hands on research in state-of-the-art facilities
- Receive training in laboratory practices and safety
- Faculty/Peer Mentoring
- Weekly research seminar series by Columbia U. and CCNY faculty
- Exposure to workshops, visits to local industry, recreational activities, and other activities

### Eligibility

- Undergraduates majoring in engineering disciplines, materials science, biology, chemistry, physics and related fields
- US citizenship or permanent residency is required

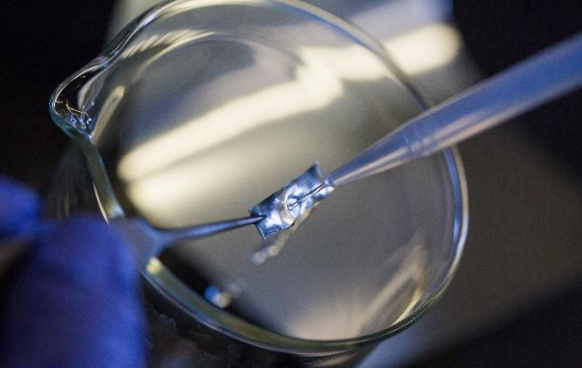
### Why choose Columbia's Materials Research REU program?

- Top-notch faculty mentors
- Excellent materials science research facilities
- Interaction with other summer program students at Columbia
- Wonderful location in New York City

Summer 2017 dates: May 30, 2017 – August 4, 2017

Application deadline: February 15, 2017

To apply visit: <http://mrsec.columbia.edu/reu>



 COLUMBIA UNIVERSITY  
IN THE CITY OF NEW YORK

NATIONAL SCIENCE FOUNDATION  
**MRSEC**  
MATERIALS RESEARCH  
SCIENCE & TRAINING  
CENTER