

DELAWARE

INTERFACING SUSTAINABLE ENERGY & MATERIALS **REU**

**A University of Delaware
Research Experiences for
Undergraduates program
sponsored by the National
Science Foundation and the
Department of Defense Air
Force Office of Scientific
Research**

Summer 2017

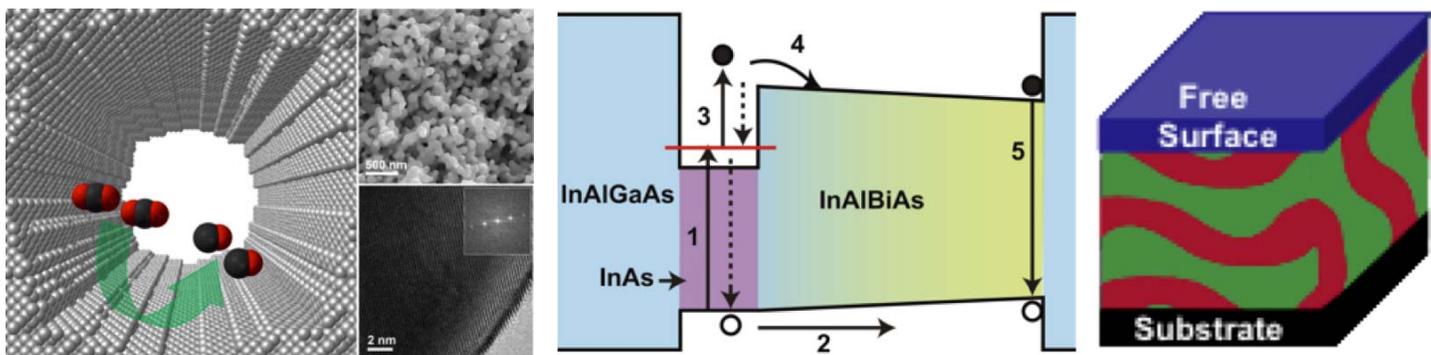
JOIN a leading team of investigators on projects that will foster your interests, education, and research skills in a stimulating multi-disciplinary science and engineering environment. Focus on the engineering challenges of the 21st century. Help develop

innovative solutions for energy independence and environmental sustainability that draw simultaneously from the interface between materials synthesis, characterization, and applications in processes ranging from harvesting solar energy to efficient biomass

conversion. Browse our web page at www.che.udel.edu for updated news and information.



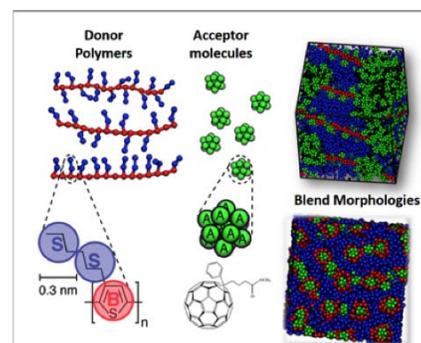
**The application
deadline is
February 1, 2017**



Choose your research topic

Choose projects from over 13 faculty research groups and work as an independent research student alongside PhD students and postdoctoral researchers in Delaware's Chemical and Biomolecular Engineering, Materials Science, and

Biomedical Engineering departments. Core research themes of the REU include solar energy, biomass conversion, thermoelectrics, fuel cells, and bio-inspired materials.



Visit industrial labs

Participants will visit several global research facilities in the Delaware valley during the summer, including Dow, DuPont, ExxonMobil, Air-Liquide, and W. L. Gore global R&D. The R&D projects REU students will see span biomass-generated energy to

the development of next-generation fuel cell membranes. Two trips are scheduled each summer.



Develop skills

You will have ample opportunity for professional development, including workshops on research ethics, written and oral communication skills, and grad school prep boot camp, as well as the chance to hear

world-class national and international scientists and engineers as part of the Center for Catalytic Science and Technology and Center for Molecular and Engineering Thermodynamics seminar series.

Apply

Application to the program is coordinated through the Department of Chemical and Biomolecular Engineering. The application deadline is February 1, 2017, but earlier applications are encouraged. Browse our web page at

www.che.udel.edu for updated news and information or contact us at cheg-reu@udel.edu

Contact

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web www.che.udel.edu

Location The University of Delaware has a college-town atmosphere, yet is centrally located between New York City and Washington, D.C., at the heart of the east coast's chemical and energy industries.

