

# RESEARCH EXPERIENCES FOR UNDERGRADUATES 2018

## MATERIALS FOR SUSTAINABILITY IN ENERGY AND MANUFACTURING

**Interested in gaining research experience in engineering?**

Spend ten weeks this summer performing research in sustainability in the Cullen College of Engineering at UH — **and earn a \$5,000 stipend!**

**May 21, 2018 - July 31, 2018**

### In the ten-week REU program:

- ▶ Build research laboratory skills.
- ▶ Develop written and oral presentation skills.
- ▶ Gain training in safety and ethics.
- ▶ Establish a professional network.
- ▶ Explore social activities in Houston!

### Sample research projects:

- ▶ Flexible and stretchable batteries
- ▶ Smart antifouling coatings to prevent corrosion
- ▶ Nanoporous zeolites for advanced catalysis
- ▶ Biorenewable polymer resins for infrastructure
- ▶ Earth-abundant metal alloys for chemical synthesis
- ▶ Electrochemistry for next-generation energy storage

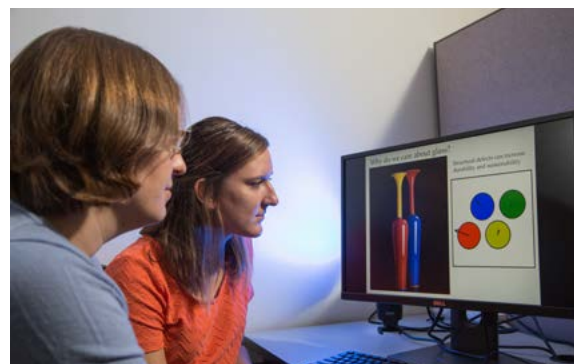
**Application deadline: March 9, 2018**

*Applications will be reviewed on a first-come, first-served basis.  
We encourage early submission.*

**APPLY ONLINE:**  | [www.egr.uh.edu/reu](http://www.egr.uh.edu/reu)

### FOR MORE INFORMATION CONTACT:

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