



# REU Program in Chemical Engineering



## Would you like to. . . .

- ✓ Learn how to translate an idea from the lab to industry?
- ✓ Discover new ways to market fundamental and applied research?
- ✓ How to be an entrepreneur?
- ✓ Design and synthesize next generation catalysts?
- ✓ Develop new types of fuel cells?
- ✓ Identify new organisms or technologies for biofuels?

**Program: May 20 – July 26, 2019**

**Applications due March 15, 2019**

## Research Areas

- ✓ Nanostructured synthesis
- ✓ Computational surface chemistry
- ✓ Photocatalysis
- ✓ Catalytic conversion of syngas
- ✓ Biomedical engineering
- ✓ Lab-on-a-chip technology
- ✓ Algal biofuels
- ✓ Advanced materials
- ✓ Catalytic conversion of biomass
- ✓ Nanostructured catalysis
- ✓ Electrocatalytic conversion



Participants are **lodged** in apartment-style University housing and **paid a stipend** for the summer.

For questions and application instructions, please visit [www.lsu.edu/eng/che/faculty-research/reu/](http://www.lsu.edu/eng/che/faculty-research/reu/) or email the REU Program at [chereu@lsu.edu](mailto:chereu@lsu.edu)

## LSU & Local Facilities

- ✓ Center for Computation & Technology
- ✓ CAMD 1.3 GeV synchrotron
- ✓ Microscope and spectroscopy facility (LSU SIF)

