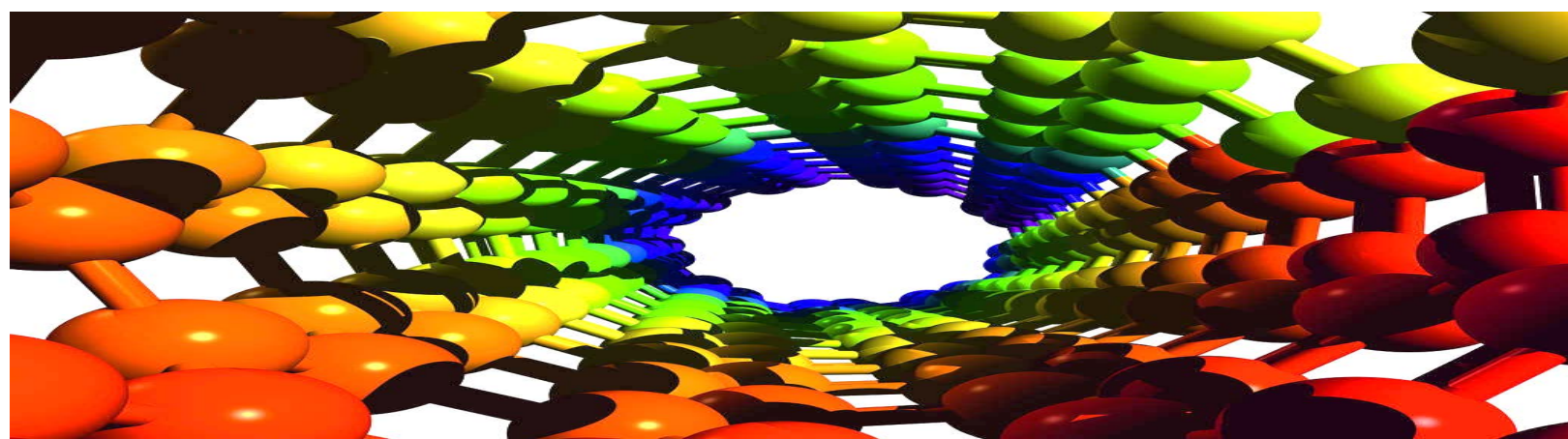


# SMART POLYMER COMPOSITE MATERIALS AND STRUCTURES

A Research Experience for Undergraduates



Smart Polymer Composite Materials and Structures is a Research Experience for Undergraduates (REU) project. Faculty from the departments of chemistry, mechanical engineering and civil engineering will mentor students.

## REQUIREMENTS

- U.S. citizen/permanent resident
- Enrolled in an undergraduate program at a two- or four-year institution
- Cumulative GPA of at least **3.00**
- Desire to pursue a career in research and/or graduate school in your major

## PROJECT EXAMPLES

- Shape memory polymers and self-healing. **PI:** Guoqiang Li
- Materials science and analytical chemistry. **PI:** Isiah Warner
- Composite structures and non-destructive testing. **PI:** Ayman Okeil
- Polymer synthesis and polymer composites. **PI:** John Pojman
- Polymer characterization. **PI:** Gerald Schneider
- Modeling of composite materials. **PI:** George Voyiadjis
- Smart polymers. **PI:** Donghui Zhang

**We especially seek applications from women and groups traditionally underrepresented in STEM disciplines.**

## BENEFITS

- \$500/week stipend
- On-campus housing, if needed
- Up to \$600 travel reimbursement
- \$500 dining card

## IMPORTANT DATES

**Application Open:** October 1, 2018

**Application Deadline:** February 1, 2019

**Notification of Decision:** March 1, 2019

**Program Dates:** May 21 - July 27, 2019

TO **APPLY** GO TO  
<http://osi.lsu.edu>

FOLLOW PROGRAMS TO SMART REU



### CONTACT

Heather Lavender  
heatherl@lsu.edu  
225-578-4726



**LSU**  
Office of  
**Strategic Initiatives**