

# RESEARCH EXPERIENCES FOR UNDERGRADUATES

Yale University | Summer 2017



## INTERDISCIPLINARY RESEARCH

- Atomic scale design, control and characterization of complex oxide interfaces
- studying the novel chemical, electronic, and magnetic properties of nanomaterials
- Multi-scale surface engineering with bulk metallic glasses
- Theoretical modeling of nanomaterials, surfaces, and interfaces at the atomic level
- Synthesis of materials at the atomic scale

Applications due by Feb. 1, 2017

[crisp.yale.edu](http://crisp.yale.edu)



*Center for Research on Interface Structures and Phenomena*

The CRISP REU program provides students with the opportunity to conduct team-based interdisciplinary research. During the course of this eight-week research program, REU students will be conducting research under the advisement of university faculty and researchers.

**RESIDENTIAL REU PROGRAM: June 5– July 31, 2017**

### STIPEND:

Each REU participant will receive a stipend of **\$4000** (which includes \$1000 for food). This is a residential program and university housing will be provided on the Yale campus.

### ELIGIBILITY:

This program is open to highly motivated undergraduate students who have completed their junior year, although consideration is given to exceptionally well qualified underclassmen. **US citizenship or permanent residency is required.** Minorities, women and persons with disabilities are strongly encouraged to apply.

### APPLICATION PROCESS:

Starting **Nov. 1** candidates **must** apply directly to the Yale SURF program through the Leadership Alliance at [www.theleadershipalliance.org](http://www.theleadershipalliance.org). Students **must** also complete the CRISP supplementary application to indicate interest available at <http://crisp.southernct.edu>.