

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



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. Students **must** also complete the CRISP supplementary application to indicate interest available at <http://crisp.southernct.edu>.