

RESEARCH EXPERIENCES FOR UNDERGRADUATES

Yale University | Summer 2018



crisp *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.

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

crisp.yale.edu

Non-RESIDENTIAL REU Program: June 4—July 27, 2018

Applications due by February 1, 2018

STIPEND:

Each REU participant will receive a stipend of \$4000 (which includes \$1000 for travel/parking). These students attend all of the program events, but are responsible for transportation to and from 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 a supplementary application** for CRISP to indicate interest available at <http://crisp.southernct.edu>.