

CRISP at SCSU Research Experience for Undergraduates Fellowship Program



Center for Research on Interface Structures and Phenomena Materials Research Science and Engineering Center-Yale/SCSU/BNL

The CRISP Research Experience for Undergraduates at SCSU (CRISP REU @SCSU) fellowship program provides students with the opportunity to conduct team-based interdisciplinary research. Participating students conduct a nine-week research project as members of a research team including university faculty and graduate students. Fellows will be exposed to other research available on campus and at other CRISP laboratories at Yale through weekly meetings and seminars. At the end of the program, participants document and present their work in a professional forum.

Fellowships will normally be the period of June 1 – August 3 and will carry a stipend of \$3,000. Fellows should have completed their junior year by the beginning of the fellowship period, although consideration will be given to exceptionally well qualified underclassmen. Students participating in the CRISP@SCSU REU program will be responsible for obtaining transportation to SCSU and/or Yale University for the duration of the program (the program is non residential).

Candidates should complete the attached application. Applications should be mailed as soon as possible, but no later than February 15, 2009; results will be announced no later than April 1, 2009.

Applications from women and underrepresented minorities are especially encouraged and should be so identified. Undergraduate student participants supported with National Science Foundation funds must be citizens or permanent residents of the United States or its possessions.

Information about CRISP can be found at <http://www.crisp.yale.edu/>

CRISP at SCSU Project topics include:

- Microscopy study of nanomaterials with interdisciplinary applications
- Image processing of microscopy data
- Structure of single-crystal oxide surfaces
- Magnetic force microscopy
- Electronic and optical properties of nanotubes and nanowires
- Electrical characterization of semiconductor devices
- Microstructural characterization of semiconductor devices
- Atomic scale visualization of semiconductor nanowires

For additional information about the CRISP REU Fellowship Program contact:

Dr. Christine Broadbridge
Education Director, CRISP
Southern Connecticut State University
Department of Physics; JE-108
501 Crescent Street
New Haven CT, 06515-1355
christine.broadbridge@yale.edu

CRISP at SCSU REU Fellowship Application

PLEASE TYPE OR PRINT IN INK THE INFORMATION REQUESTED BELOW.

IF ANY ADDITIONAL SPACE IS NEEDED, USE A SEPARATE SHEET OF PAPER WITH YOUR NAME AND CURRENT UNDERGRADUATE INSTITUTION CLEARLY INDICATED.

PERSONAL INFORMATION: (PLEASE PRINT OR TYPE)

FULL NAME LAST _____ FIRST _____
MIDDLE _____

DATE OF BIRTH _____ AGE _____

_____ FEMALE _____ MALE CITIZENSHIP STATUS: _____ US CITIZEN _____ PERMANENT RESIDENT _____ FOREIGN CITIZEN

COUNTRY OF CITIZENSHIP _____

VISA STATUS _____

<p>MAILING ADDRESS VALID UNTIL ___/___/___</p> <p>STREET _____</p> <p>CITY _____</p> <p>STATE _____ ZIP CODE _____</p> <p>COUNTRY _____</p> <p>DAYTIME PHONE NUMBER: _____ (AREA CODE) AND PHONE NUMBER</p>	<p>PERMANENT ADDRESS</p> <p>STREET _____</p> <p>CITY _____</p> <p>STATE _____ ZIP CODE _____</p> <p>COUNTRY _____</p> <p>DAYTIME PHONE NUMBER: _____ (AREA CODE) AND PHONE NUMBER</p>
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E-MAIL ADDRESS: _____

ACADEMIC INFORMATION:

UNDERGRADUATE _____ INSTITUTION: _____

MAJOR _____ MINOR _____
OTHER _____

OVERALL CUMULATIVE GPA: _____ CUMULATIVE GPA IN MAJOR: _____ EXPECTED DATE OF GRADUATION _____

MONTH/YEAR

RACIAL/ETHNIC BACKGROUND:

_____ BLACK/AFRICAN AMERICAN _____
_____ HISPANIC (PLEASE SPECIFY) _____
_____ NATIVE AMERICAN (TRIBE/NATION) _____
_____ ASIAN AMERICAN/PACIFIC ISLANDER (PLEASE SPECIFY) _____
_____ BIRACIAL/MULTIRACIAL (PLEASE SPECIFY) _____
_____ OTHER BACKGROUND (PLEASE SPECIFY) _____

YOUR COMPLETED APPLICATION MUST INCLUDE THE FOLLOWING:

- **CURRENT RESUME**
Include a copy of your updated resume with this application.
- **RECOMMENDATION LETTERS**
Two letters of recommendation either sent directly to the CRISP Education Director or included with your application in a sealed envelope and signed across the seal by your recommender.
- **TRANSCRIPT**
Current official transcript(s) are to be sent directly to the CRISP Education Director.
- **PERSONAL STATEMENT**
Statement should be no longer than one page in length (single spaced, 12 point type)

INFORMATION VERIFICATION:

ALL INFORMATION INCLUDED IN THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

STUDENT SIGNATURE: _____
DATE: _____

MAIL ALL APPLICATION MATERIALS TO:

Dr. Christine Broadbridge
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Department of Physics; JE-108
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New Haven, CT 06515
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