

# NSF Nanotechnology Research Experience for Community College Students

Want to do hands on science?  
Interested in experiencing life in a research lab?  
Curious about nanotechnology?



Rice University offers a 10-week summer internship specifically designed for community college students.

Research areas that students can be involved in include:

- Synthesis and characterization of new nanomaterials including gold nanoshells, carbon nanotubes, quantum dots and nanosilver
- The application of nanomaterials in the diagnosis and treatment of diseases
- The application of nanomaterials for environmental cleanup and the implications of nanomaterials on the environment



**Who can apply?** Students enrolled in Houston area community colleges including but not limited to schools such as Houston Community College, San Jacinto Community College, Lone Star College, Galveston Community College, College of the Mainland, and Wharton.

**What are the requirements?** See [Application for details](#).

**What are the dates?** May 31st—August 4, 2011

**What is the Stipend?** Students will be paid \$6000 over 10 weeks. Students must be US Citizens or permanent residents to receive the stipend.

**Interested in applying?** The application can be found at the CBEN website <http://cben.rice.edu/nre.uspx>

**What is the application process?** Applications will be due on March 15, 2011. Interviews will be held in April. The program will run from the end of May to the beginning of August.



## Questions?

Please contact Dr. Carolyn Nichol, Executive Director for SST,  
CBEN, Rice University [cnichol@rice.edu](mailto:cnichol@rice.edu) or 713-348-2672



Sponsored by the National Science Foundation





## Nanotechnology Research Experience For Community College Students

Please complete and submit this form, along with a transcript of your grades, 2 faculty letters of recommendation, and a 1-page statement about why you want to participate in the program. One year freshman physics, chemistry, and calculus is preferred. **Application due by March 15, 2011.**

**Email application package to [Sylvia.L.Harris@rice.edu](mailto:Sylvia.L.Harris@rice.edu)**

Or Mail to: NREU program, CBEN-MS 63, Rice University, P.O. Box 1892, Houston, TX 77251-1892  
Fax to: (713) 348-8218



Program Dates: May 31 – August 4, 2010

APPLICANT INFORMATION					
Last Name:		First Name :		Middle:	
Date of Birth (mm/dd/yyyy):			<input type="checkbox"/> Male <input type="checkbox"/> Female		
Permanent Address:					
City:		State:		Zip Code:	
Phone:			Alt. Phone:		
Email:				Alt. Email:	
Citizenship (Must be a US citizen or permanent resident to receive stipend):					
<input type="checkbox"/> U.S. Citizen <input type="checkbox"/> Permanent Resident					
Ethnicity (This information is requested by the National Science Foundation for statistical purposes):					
<input type="checkbox"/> Native American <input type="checkbox"/> Pacific Islander <input type="checkbox"/> Black/African-American <input type="checkbox"/> White/Caucasian <input type="checkbox"/> Asian					
<input type="checkbox"/> Hispanic <input type="checkbox"/> Other:					
How did you hear about this program?					
What are your goals for the program?					



**ACADEMIC INFORMATION**

<b>ACADEMIC INFORMATION</b>	
Current School Name:	
Classification: <input type="checkbox"/> Freshman <input type="checkbox"/> Sophomore <input type="checkbox"/> Junior <input type="checkbox"/> Senior	# of class hours:
Spring 2011 Semester End Date (mm/yyyy):	Fall 2011 Semester Start Date (mm/yyyy):
Expected Graduation Date (mm/yyyy):	GPA/scale:
Previous Colleges Attended:	

**Agreement:** I hereby certify that the information contained in this application is true and complete. I understand that, if selected, all false statements or omissions on this application, curriculum vitae, resume, or any accompanying materials are grounds for immediate dismissal from the Center for Biological and Environmental Nanotechnology Undergraduate Research program. I also understand that as a research participant, I am required to participate full-time (37.5 hours per week) during the internship program period. I attest that I meet the program requirements listed on this application and that I have disclosed all of the information this form is requesting of me. If accepted to this program, I agree to participate in CBEN center activities, to produce a final report which summarizes my summer research activities by the final day of the internship program, and to present my research at the undergraduate poster session.

MUST BE A US CITIZEN OR PERMANENT RESIDENT TO RECEIVE STIPEND.

Signature \_\_\_\_\_ Date \_\_\_\_\_

If you have questions about the program, please contact Dr. Carolyn Nichol, Executive Director for School Science and Technology Programs, Center for Biological and Environmental Nanotechnology, Rice University [cnichol@rice.edu](mailto:cnichol@rice.edu)