

NSF Sustainability, Energy, and Engineering (SEE) Undergraduate Research Experience (REU) Program

North Carolina State University, Raleigh, NC

Summer 2007: May 30 through August 3

Application Deadline: March 16, 2007

*Develop your creative and intellectual potential at the
National Science Foundation-supported Sustainability, Energy, and Engineering (SEE)
Research Experience for Undergraduates (REU) program at North Carolina State University*

During ten weeks in the summer of 2007, selected undergraduate students from around the US will participate in exciting, rapidly developing areas of research in one of the most active research centers in the country, the "Triangle" region of North Carolina. Faculty from Chemical Engineering, Wood and Paper Science, the college of Textiles, and Environmental Engineering, among other departments at North Carolina State University (NCSU), will mentor research projects in various research topics. Students in the program will interact with students and faculty in the Kenan Center for the Utilization of Carbon Dioxide in Manufacturing and the NSF Science and Technology Center (STC) for Environmentally Responsible Solvents and Processes, both located at NCSU.

While working with an outstanding group of research faculty, you'll be learning about engineering ethics and environmentally conscious manufacturing. You will have the opportunity to interact with researchers at both the Kenan CO₂ Center and the Science and Technology Center. We'll arrange for you to visit local industry, and give you an inside look at the graduate school recruiting game. You also will have opportunities to meet other undergraduate researchers at the university.

Some Frequently Asked Questions:

What is the stipend?

The stipend is \$4,500 for the 10 weeks of the program. The stipend is paid directly to the student as a paycheck. Please note that the required taxes will be taken out as required by NCSU.

Can international students apply?

Sorry, you must be a United States Citizen or Permanent Resident.

Is room and board included?

You will live on the North Carolina State University campus in the newly renovated Honors Commons with other Summer Research Fellows. Room and board are directly paid by the Sustainability, Energy, and Engineering summer program (SEE). The Program will pay for your housing directly with no up-front cost to you. For those bringing cars for the summer, parking will be included.

How will I get there from here?

Raleigh is serviced by Raleigh-Durham International Airport, and is at the crossroads of I-95 and I-40.

How competitive is the program?

We anticipate that the program will be quite competitive. We are looking for students interested in research, a good work ethic, and a sincere interest in the projects. We are also seeking students who have an interest in continuing their education and want to become leaders in their professions.

How do I apply?

Fill out the application below (this PDF file). Also include reference forms. You may email your application to Phyllis Hilliard, or FAX it directly to the Chemical Engineering Department at NCSU (FAX number: 919-515-3465). Your reference letters must be signed (faxed), emailed, or mailed to Attn: Phyllis Hilliard, Sustainability, Engineering Environment (SEE) Undergraduate Research Program, Chemical Engineering, Campus Box 7905, Raleigh, NC 27695-7905. Questions: 919-513-4678.

APPLICATION:

NSF Sustainability, Energy, and Engineering (SEE) Undergraduate Research Experience (REU) Program

North Carolina State University, Raleigh, NC

Summer 2007: May 30 through August 3

Application Deadline: March 16, 2007

Please email the application materials (including letters of reference) to: pthillia@ncsu.edu or FAX it to the Chemical and Biomolecular Engineering department (marked "Attention: Phyllis Hilliard") at NCSU (FAX number: 919-515-3465). Mail official transcripts to: P. Hilliard, NSF REU Program, Chemical and Biomolecular Engineering, NC State University, Campus Box 7905, Raleigh, NC 27695-7905

(PLEASE TYPE OR PRINT CLEARLY)

NAME: _____

University: _____

Major: _____ Current class: Fresh. ___ Soph. ___ Jr. ___ Sr. ___

GPA: ___ Overall ___ In major ___ Graduation year: ___ Month: ___ Degree: _____

Have you had any previous research experience (e.g. internship / co-op). If needed, use separate page.

Permanent address: _____

College address: _____

Permanent phone: _____ Phone at college: _____

Other phone (e.g. cell): _____ Email address: _____

Correspondence should be sent to college address ____, or should be sent to home address ____.

Check pertinent items: Male ___ Female ___ US citizen ___ US permanent resident ___

Ethnicity _____ Disability _____
(optional) (optional)

Are you available May 30 through August 3 to attend the REU program? Yes ___ No ___

Prioritize projects of interest by number (see information at website, and make sure that you have had the classes required for your project choices)

First choice: _____

Second choice: _____

Third choice: _____

Names of your two references: _____

Signature: _____ Date: _____

Required application materials (Send together: 1. Application form ____, 2. Resume ____, 3. Statement of purpose/intent ____.) Two reference letters and an official transcript are to be mailed separately, postmarked no later than the deadline (March 16, 2007).