SUMMER 2011
(June 20 - August 12, 2011*)

UNDERGRADUATES
RESEARCH OPPORTUNITIES**
UNIVERSITY OF CINCINNATI
College of Engineering and Applied Science (CEAS)

Undergraduate students are invited to participate in the following research projects, details of which can be found in the Web Site given at the bottom of the flyer:

1. Multi-UAV Swarming
2. Optimizing Operations in Complex Semiconductor Manufacturing Processes
3. Advanced Materials for Bioseparations
4. SEmi-active Control for Utmost Resilience to Earthquakes (SECURE)

Please send your application package*** to arrive by April 8, 2011**** to:

Dr. Anant R. Kukreti
School of Energy, Environmental, Biological & Medical Engineering
P.O. Box 210012
University of Cincinnati
Cincinnati, OH 45221-0012

Phone: (513) 556-4105 or 3562 (main line), FAX: (513) 556-4162, E-Mail: anant.kukreti@uc.edu

* Deadlines: February 25: Selection Starts; April 8: Last Day to Apply; April 13 or Before: Admission Notification; April 15: Participation Confirmation; June 19: Students Arrive on Campus; June 20: First Day of REU; and August 12: Last Day of REU

FUND BY THE NATIONAL SCIENCE FOUNDATION

Applicants are expected to participate in writing technical papers for publication, conference presentations, and presentation at their home school after returning from the summer research experience.

** Applicants must be U.S. citizens or permanent residents who are enrolled in a B.S. engineering degree program as a sophomore, pre-junior, junior or senior during the academic year 2011-2012 or are currently enrolled as a senior graduating by the end of the Fall 2011 term. Participants will receive a stipend to cover two months salary of $2,500 (or $1,250/month) plus a maximum of $1,800 to cover costs for designated room and board on campus and travel expenses. Women and minority candidates will be given priority and are encouraged to apply early. Persons with disabilities will be accommodated.

*** Your application package must include: 1) Brief statement discussing previous relevant work experience, academic achievement, scholarship, honor society membership; 2) Ranking of your first, second, third, and fourth project of interest (any one must be acceptable); 3) Career and graduate education plans; 4) List of coursework completed and grades and courses in progress with an official copy of a recent transcript; 5) A 1000 word essay (double line spaced) presenting your background and biographical information, and explaining why you are interested in this program; and 6) Two recommendation letters from your instructors, each in a sealed and signed envelope. One of the recommendation letters must be from a faculty member who is willing to coordinate the presentation at your home school upon return.

**** Deserving candidates will be selected as the applications are received. Selection will start on February 25, 2011 and continue until April 8, 2011 or when all positions are filled. Apply early for most favorable consideration. A total of 12 students will be selected.

The flyer and application form can also be viewed at the following Web Site:

http://www.eng.uc.edu/reu/summer/2011/