

# CAROLINA SUMMER FELLOWSHIP PROGRAM

## *Research Opportunities in Pharmacology*

The Department of Pharmacology at the University of North Carolina School of Medicine annually sponsors a summer research fellowship program for rising seniors in undergraduate science programs. This program is designed to give students who are planning a career in laboratory science an opportunity to conduct research under the direction of department faculty.

The UNC Department of Pharmacology is the #1 funded department in the country and has considerable research strengths in cell signaling, structural proteomics, oncogenes and tumorigenesis, neurobiology, and alcohol addiction. In particular our department has international leaders in the study of G protein-coupled receptors, GTPases, integrins and cell adhesion, phospholipases, and tyrosine and serine/threonine protein kinases. In addition, the department is a leader in new methods of drug delivery, live cell fluorescence imaging, computational modeling of biological systems, animal models of human disease, designer transcription factors, and the emerging discipline of nanomedicine.

Training in the Carolina Summer Fellowship Program will include hands-on research conducted in the laboratories of supervising faculty members, round table discussions of career tracks in biomedical research and medicine, and a seminar program on research activities of the department. The program culminates each summer in a colloquium where all students present brief reports on their summer research projects. Ninety undergraduate students have participated over the past fifteen years. We anticipate that 6 to 8 Carolina Summer Fellows will join us in Chapel Hill for 10 weeks with a starting date preferably on Monday, May 21, 2012, and ending Friday, July 27, 2012. Each Fellow will receive a stipend of approximately \$3,360. The Pharmacology Department will pay housing costs for participants staying in Granville Towers (a private dormitory near campus). No funds are available for reimbursement of travel expenses incurred by participants.

Interested students should submit a completed application form, an undergraduate transcript, SAT scores, a statement of career goals and interests, and a supporting letter from a faculty science advisor to the address below by **Friday, March 30, 2012**. **Only successful applicants will be notified beginning April 16, 2012 and will have one week to notify the Program of their intent to join the Carolina Summer Fellows.**

\*\*Non-US citizens will need to contact their school's International Center Office as soon as possible for special permission to work on UNC campus.

We invite you to visit UNC Pharmacology's web site at <http://www.med.unc.edu/pharm/>, read through the brochure and print out an application. If you have any further questions concerning our program please contact:

Kathy C. Justice, Student Services Manager, Graduate Studies in Pharmacology  
e-mail: [phcograd@med.unc.edu](mailto:phcograd@med.unc.edu); (919) 966-1153 or write directly to:

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