

Summer Research Opportunities and Graduate School & Fellowship Announcements

Graduate School & Fellowship Opportunities:

University of Michigan, Ann Arbor

Chemical Biology Doctoral Program

Application Deadline: see website

- UM, Ann Arbor offers training at the chemistry-biology interface. Applications are now being accepted for fall 2009 admission. The Admission Committee expect that applications have at least one year of research experience outside of laboratory course work.
- There are three primary research areas: Biological Catalysis; Biomolecular Structure, Function, & Recognition; and Chemical Genetics & Bio Organic Chemistry
- Students are provided with 12 months of financial support during each year of their program tenure through research assistantships that pay full tuition and subsidized health care benefits, as well as a generous stipend. For the 2008-2009 academic year, the stipend is \$26,500.

For more information and to apply, visit: www.chembio.umich.edu

Clemson University

Application Deadline: see website

Clemson University Chemistry Department offers programs leading to the MS and Ph.D. degrees with an emphasis in analytical, inorganic, organic, or physical chemistry.

For more information and to apply, visit <http://www.chemistry.clemson.edu>

University of Pittsburgh

Application Deadline: January 2, 2009

U of Pittsburgh is seeking qualified applicants for its Center for Neuroscience program. The research interests span the full breadth of neuroscience: behavioral/systems/cognitive; cell and molecular; development/plasticity/repair; and neurobiology of disease. Areas of concentration include: Auditory system; Balance and Vestibular Function; Cortical Circuits; Learning and Memory; Neuroglia; Pain and Pain Mechanisms; Stem Cells; Visual System; and more.

The program offers full tuition scholarship and stipend to qualified applicants.

For more information and to apply, visit <http://cnup.neurobio.pitt.edu/info>

Cedars-Sinai Medical Center

Application Deadline: see website

Cedars-Sinai is offering a unique opportunity for qualified applicants to carry out their thesis research at the largest not-for-profit clinical enterprise. This graduate program, Biomedical Science and Translational Medicine, is NIH-funded and offers research opportunities that span the gamut of human biology and disease, from neuroscience, to cardiology to cancer. Students will have specific scientific mentors as well as clinical mentors. A generous support package of \$36,000 in an annual stipend plus benefits is being offered. Most students will be able to complete their studies in 4 years.

For more information and to apply, visit: <http://research.csmc.edu/acad/gradprogram>

University of Pittsburgh/Carnegie Mellon

Application Deadline for full consideration: December 15, 2008

Final Application deadline: January 15, 2009

U of Pittsburgh and Carnegie Mellon are seeking to recruit outstanding students for their joint Ph.D. program in Computational Biology. Students w/ degrees in computational biology, bioinformatics, statistics, biology, physics, chemistry, mathematics, engineering, or computer science are encouraged to apply.

For more information and to apply, visit: <http://www.compbio.cmu.edu> or <http://www.compbio.pitt.edu>

University of Delaware

Application deadline: see website

U of Delaware is seeking to recruit outstanding students for their graduate program in the Department of Chemistry and Biochemistry. The department offers a competitive stipend and tuition waiver, multidisciplinary research opportunities, state of the art research instrumentation, and much more.

For more information and to apply, visit: <http://udel.edu/chem/>

Syracuse University

Application deadline: see website

Syracuse University is now accepting applications from outstanding students for their MS degree program in Forensic Science for fall 2009.

For more information and to apply, visit: <http://www.forensics.syr.edu>

National Science Foundation

Application Deadline: November, 2008; see website for exact deadline

The NSF is seeking applicants for their Graduate Research Fellowship awards. This fellowship is open to citizens, nationals or permanent residents of the U.S. Applicants must be in the early

stages of graduate study in science, technology, engineering, or mathematics. Applicants eligible must be in their senior year of undergraduate studies, or their first year of graduate school, or at the beginning of the second year in graduate school.

The fellowship is a 3-year award for graduate study leading to a researched-based masters or doctoral degree. Each year approximately 1,000 new fellowships are awarded. The fellowship provides an annual living stipend of \$30,000 and a cost of education allowance of \$10,500.

For more information, visit: <https://www.fastlane.nsf.gov/grfp/>

Ford Foundation Diversity Fellowship

Pre-doctoral application deadline: Nov. 14, 2008

Dissertation application deadline: Nov. 28, 2008

Post-doctoral application deadline: Nov. 28, 2008

This fellowship is open to all U.S. citizens or nationals that are planning a career in teaching and research at the college or university level. The Ford Foundation sponsors approximately 60 pre-doc, 35 dissertation, and 20 post-doc. Awardees have expenses paid to attend one Conference of Ford Fellows.

Pre-doctoral recipients receive \$20,000 and an institutional allowance of \$2,000 for three years.

Dissertation recipients receive \$21,000 for one year

Post-doctoral recipients receive \$40,000 for one year and \$1,500 employing institution allowance, to be matched by the employing institution.

For more information, visit: <http://national-academies.org/fellowships>

National Defense Science and Engineering Graduate Fellowship (NDSEG)

Application Deadline: Jan. 5, 2009

The NDSEG fellowship is seeking applicants that are at or near the beginning of their graduate studies in science, technology, engineering, and mathematics fields. Fellowships are awarded to applicants who intend to pursue a doctoral degree.

The stipends start at \$30,500; full tuition and fees and health insurance allowance are offered.

The fellowship is a three-year award and has no military service obligation.

For more information, visit: <http://www.asee.org/ndseg>

Summer Research Opportunities:

Gerstner Sloan-Kettering

Application Deadline: Feb. 1, 2009

Starting date: First Monday in June and runs for 10 consecutive weeks

The Gerstner Sloan-Kettering Graduate School of Biomedical Sciences sponsors a 10-week research program for outstanding undergraduate students who are interested in pursuing a career in biomedically related sciences.

Students who are accepted into the program will be offered a stipend of \$3,000 and housing.

Four exceptional students will be selected and named "Rubin and Sarah Shaps Scholars".

Applicants should be undergraduate freshmen, sophomores, or juniors, have a minimum 3.0 GPA and should have completed at least general biology and/or introductory chemistry.

For more information, visit: <http://sloankettering.edu>

NSF: East Asia & Pacific Summer Institutes (EAPSI)

Application Deadline: Dec. 9, 2008

Program run: June to August for approximately 8 or 10 weeks

This summer research experience is open to U.S. graduate students studying biological sciences, computer and information science and engineering, education (science, technology, engineering, and mathematics), engineering, geosciences, mathematical & physical sciences, social, behavioral, & economic sciences, environmental sciences, and multidisciplinary research. Go to Australia, China, Japan, Korea, New Zealand, Singapore, or Taiwan through the fellowship program.

For more information, visit: <http://www.nsf.gov/eapsi>; for program info, visit: <http://www.nsf.si.org>