

Call for Applications: Summer Undergraduate Research Fellowship Program at the Ernest Mario School of Pharmacy - Rutgers University

Grantor: Ernest Mario School of Pharmacy - Rutgers University

Closes: 2/15/2012

Maximum: \$2,800.00

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The Ernest Mario School of Pharmacy announces the 2012 Summer Undergraduate Research Fellowship (SURF) Program. The program is intended for highly motivated undergraduates interested in a career as a researcher in the pharmaceutical and environmental sciences. Students are provided with an opportunity to conduct full-time research in areas related to Pharmacology and Toxicology, Environmental Health Sciences, Pharmaceutics, Medicinal Chemistry, Chemical Biology, and Clinical Pharmacy Research. The program is open to undergraduate students enrolled at Rutgers or at another university. Student should be sophomores, juniors, or seniors at the time of application. Previous experience performing independent laboratory or clinical research is not required.

This 10-week program will run May 21 through July 27, 2012 and provides a \$2,800 stipend. Funding for room and board is not available. Students must be available for the entire 10-week period. Training includes hands-on research conducted in the laboratories or clinical practices of faculty members, round table discussions of research progress, and seminars on research careers and activities of the faculty. Students also participate in career development workshops. At the end of the fellowship, each student will provide a brief oral presentation on his or her summer research project.

To apply to the Summer Research Fellowship Program, the following items are required:

- Completed application form
- College transcripts (current and previously attended universities)
- Personal statement
- Two letters of recommendation

Applications must be typed and submitted in a single envelope. Letters of recommendation should be in sealed envelopes and included in the envelope with the completed application form, transcripts, and personal statement. All application materials must be received/postmarked by February 15, 2012. Only complete applications will be reviewed.

For further information, please contact Dr. Debra Laskin by email at laskin@eohsi.rutgers.edu or Dr. Lauren Aleksunes at aleksunes@eohsi.rutgers.edu. Students selected for the program will begin to be notified March 26, 2012. Students will

have 1 week to notify the Program of their intent to participate. Notifications of selected students will be made through April 9, 2012. Students who are not selected will be notified by April 16, 2012.

Note: Pharmacy students selected for the SURF program will be placed into Cycle III for their pharmacy practice experience.

Send completed applications to:

Ms. Cindy Olexsa
Dean's Office
Ernest Mario School of Pharmacy
Rutgers University
160 Frelinghuysen Road
Piscataway, NJ 08854

The SURF Program at the Ernest Mario School of Pharmacy is financially supported by the National Institute of Environmental Health Sciences (1R25ES020721), the American Society for Pharmacology and Experimental Therapeutics, the UMDNJ Graduate School of Biomedical Sciences, and the Dean of the School of Pharmacy.

General Research Areas

Pharmacology, Toxicology and Environmental Health Sciences: neurotoxicology; immunology; inflammatory mechanisms of tissue injury; kidney injury; role of extracellular matrix in development and disease pathology; wound healing; nitric oxide biology; pulmonary toxicology, developmental toxicology; environmental health sciences

Medicinal Chemistry: design and synthesis of enzyme inhibitors and prodrugs; synthetic organic chemistry, structure activity relationships, medicinal chemistry

Pharmaceutics: design, development and evaluation of drug delivery systems; biopharmaceutics (drug formulation, drug transport); pharmacokinetics

Chemical Biology: cancer biology and prevention; regulation of tumor cell growth and differentiation

Pharmacy Practice: clinical studies; diabetes, hypertension, and medication therapy management

Link: http://pharmacy.rutgers.edu/content/summer_research_fellowship_program

Categories: Basic Science, Biochemistry, Cancer, Cancer Control, Cancer Prevention, Chronic Diseases, Clinical Pharmacy, Clinical Research, Diabetes, Disease-Specific Research, Environmental Health, Fellowships, Hypertension, Immunology, Kidney, Medication Administration, Medicinal Chemistry, Pharmaceutics/Drug Delivery, Pharmacokinetics, Pharmacology, Pharmacy Practice, Toxicology, Tumors, Wound Care