



## LOYOLA MEDICINE

Loyola University Chicago  
Stritch School of Medicine

# DISCOVER PHARMACOLOGY Summer Research Award

Department of Pharmacology, Stritch School of Medicine

## THE PROGRAM

Our program offers 10 weeks of intensive practical laboratory research experience with faculty members of the Department of Pharmacology and Experimental Therapeutics. In addition, awardees attend weekly lectures on current topics in pharmacology given by our faculty, as well as selected seminars by guest speakers. At the end of the fellowship, students provide an oral presentation of their work to the department. All awardees have an opportunity to compete for funds provided by the American Society of Pharmacology and Experimental Therapeutics (ASPET) to present their work at the 2010 ASPET national conference to be held in San Diego.

Application for the fellowship award is open to undergraduate students who have an interest and potential for a successful career in research. Minority students are strongly encouraged to apply.

## \$3,500 STIPENDS

Provided by ASPET and the Department of Pharmacology & Experimental Therapeutics to be used for room and board and/or travel allowance as the student chooses.

## APPLICATIONS

Fill out the application and include the following items:

- Official transcripts of credits
- Two letters of recommendation
- An essay of 200 words indicating how this experience would help your career goals.

## FACULTY INTERESTS

### Joanna Bakowska, Ph.D.

Genetic, behavioral and cellular approaches to study mechanisms in spastic paraplegias

### George Battaglia, Ph.D.

Effects of drugs of abuse and anti-depressants on serotonin function during development

### Kenneth L. Byron, Ph.D.

Signal transduction and ion channel regulation in vascular smooth muscle

### Neil Clipstone, Ph.D.

The role of the calcineurin/NFAT signaling pathway in cell growth and differentiation

### Bruce Cuevas, Ph.D.

Signaling processes in tumor progression, targets for therapeutic intervention in tumor metastasis

### Jawed Fareed, Ph.D.

Pharmacology of drugs used in the treatment of thrombosis and bleeding disorders

### Debra Hoppensteadt, Ph.D.

New anticoagulants for thrombosis in cancer, pregnancy and cardiovascular diseases

### Richard Kennedy, Ph.D.

Cardiac pharmacology and pathophysiology in aging and cardiac remodeling

### Adriano Marchese, Ph.D.

Regulation of receptor-mediated signal transduction in cancer

### Lucio Miele, M.D., Ph.D.

Notch signaling as a therapeutic target in cancer

### Tarun B. Patel, Ph.D.

Signaling mechanisms in cancer and cardiovascular diseases

### Ajay Rana, Ph.D.

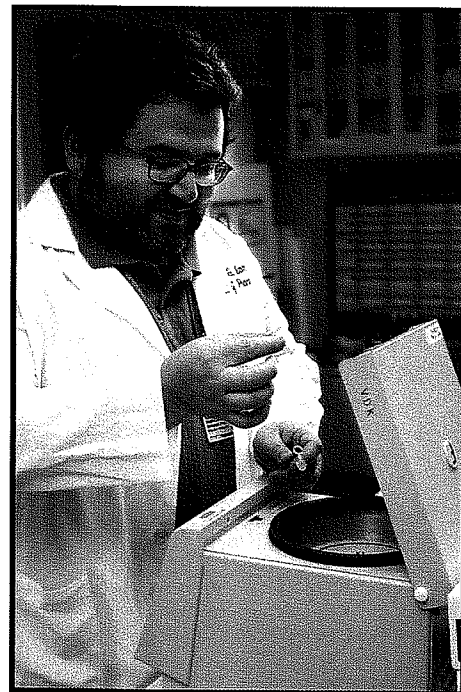
Role of MAP kinases in cell death and survival pathways

### Basabi Rana, Ph.D.

Therapeutic strategies to regulate growth and apoptosis in cancer cells

### Karie Scrogin, Ph.D.

Neuroendocrine regulation of circulation in shock and heart failure



## APPLICATION DEADLINE

March 20, 2009

## SEND APPLICATIONS TO:

Dr. Karie Scrogin  
Department of Pharmacology  
Loyola University Chicago  
Stritch School of Medicine  
2160 South First Avenue  
Maywood, IL 60153

Please have letters and official transcripts sent under separate cover from the source.

## ANY QUESTIONS

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E-mail: [kscrogi@lumc.edu](mailto:kscrogi@lumc.edu)

For more information about the Department of Pharmacology visit our home page.  
<http://www.stritch.luc.edu/depts/pharmacology>