



## SUMMER RESEARCH PROGRAMS of the UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE

*Celebrating our Bicentennial in 2007*

### Goals

The Summer Research Programs of the University of Maryland School of Medicine provide high school, undergraduate, graduate and medical student trainees with primary or advanced experiences in behavioral and biomedical research both at the UM SOM and at our foreign research sites (The Bahamas, Brazil, Chile, China, Ghana, Jamaica, Mali, The Netherlands, Nigeria, and Trinidad & Tobago). These experiences afford trainees a realistic understanding of the research environment, contact with role models, requirements and application processes for further education.

### Purpose

Our programs are intended to nurture a growing interest in a research career or a combined program in research and the health professions. The program will provide trainees with the skills and contacts needed to advance beyond their current level as well as an understanding of the ethical and responsible conduct of research. The OSR is also committed to broadening research opportunities for all individuals so that our school and the health professions are reflective of the broader community in which we reside.

### Description

Students may apply to several training programs and, if accepted, are matched with faculty within one of the programmatic offerings. During the summer, they will obtain in-depth research experience over a 10- to 12-week period from June through August. The research areas include many areas of biomedical/behavioral research. A course on the "*Ethical and Responsible Conduct of Research*" is offered at 'Orientation' and trainees also participate in research seminars, sessions on applying to college, graduate and professional schools, personal and laboratory safety, and medical residency programs and beyond.

### Eligibility

High school (Maryland students only), undergraduates, medical and graduate students who are intent on a research career alone and/or a degree in the health professions may apply. Applicants must be U.S. citizens or permanent residents currently enrolled in school and must not have graduated before or during the traineeship period or must show continuation in their schooling. Selection is based on complete applications, transcripts (minimum GPA of 3.0) and faculty recommendations. Approximately half of the trainees are Maryland residents attending school within the state or elsewhere.

### Short Term Research Programs at the University of Maryland School of Medicine

- Short Term Research Training Program (STRTP) for Medical Students (Maryland Students only)
- Minority STRTP for Undergraduates in Toxicology & Environmental Health
- Minority STRTP for Undergraduates and Medical Student in Heart, Lung and Blood Research
- Tobacco-Related Disorders Research Program on research on the heart and lung and on infant mortality

### Fogarty International Programs\*

- Fogarty Minority International Research Training (MIRT) Program in drug discovery, endocrinology, epidemiology, neuroscience, oncology, parasitology, pharmacology, public health, vaccinology)
- Fogarty HIV/AIDS Minority Research Training (HAMRT) Program in epidemiology, public health, virology
- Fogarty Mali Program in Tropical Disease with research in immunology, microbiology, public health

For additional information on these and other programs, please visit our web site where you will find *applications, program flyers, and project descriptions* under the "*summer research programs*" or write to us and include your name, address, phone, school, major, current GPA, graduation date and program(s) of interest.

Office of Student Research, University of Maryland School of Medicine, 660 West Redwood Street, 324 HH, Baltimore, Maryland 21201-1596

Phone: 410 706-3026 Fax: 410 706-0094

E-mail: [OSR@som.umaryland.edu](mailto:OSR@som.umaryland.edu)

web site: <http://medschool.umaryland.edu/osr>