Summer Programs for Minority Medical Students

**Clinical Preceptorships**

This three-week program accepts 10 to 12 minority medical students who have completed the first year of medical school. The goal of the program is to build early clinical skills through clinical observation experiences and workshops. Students spend morning hours as observers in primary care clinics, specialty clinics and inpatient hospital settings. Afternoon sessions include small group experiences in physical examination and interviewing, as well as specific workshops where students practice basic skills, including suturing and intravenous insertion.

The program begins June 12 and ends July 2, 2005.

All clinical experiences are in a medical or surgical setting under the supervision of Mayo Clinic faculty physicians. The course director is Juan Bowen, M.D. Students have daily contact with the director and participate in many discussions to develop clinical reasoning skills. Travel expense, meals and paid housing are provided.

**Summer Research Fellowships**

**The Need for Minority Clinical Investigators**

For many years, the specific and unique health needs of minority populations in the U.S. have been inadequately studied. One reason for this is the extreme shortage of clinical investigators from minority groups. Although some progress has been made toward increasing the number of minority clinicians, little, if any, increase in the number of clinical investigators has occurred. Students tend to view choosing between clinical medicine and research as an either/or decision. This is an unfortunate misconception and clearly not the case for patient-oriented clinical research.

**Research Training in Patient-Oriented Research**

Through grants from the National Institutes of General Medical Sciences (NIGMS), the National Heart, Lung and Blood Institute (NHLBI) and Mayo Clinic funds, a comprehensive training program for patient-oriented research has been created. “Patient-oriented research” is defined as the study of research questions that have direct clinical application. Many questions fall at the interface between basic and applied research, or within the area of clinical research studies. The goal of the program is to begin the training of minority students toward careers in which they provide clinical care and participate in patient-oriented research.
Students are matched with Mayo Clinic investigators based on their interests and spend at least eight weeks conducting research, usually in the summer between the first and second years of medical school. In addition to their research project, students attend a series of seminars and presentations that introduce them to clinical research methods and the Mayo General Clinical Research Center. The program provides travel reimbursement and a stipend of $1,664 per month. Trainees pay housing expenses of about $120 per week. Fellowship starting dates are: **May 31 or June 6, 2005.**

Fellowships also are available for students who wish to spend **one or two years** doing research while earning a Certificate or Master’s Degree in Clinical Research. A separate application can be obtained for this program.

**Areas of Research**
A wide array of research is ongoing at Mayo Clinic at all levels of the continuum from the basic fundamental mechanisms of disease to clinical trials of new treatments and drug therapies. Some of the general areas of investigation include:

- Anesthesiology
- Immunology
- Hematologic Disease
- Nicotine Dependence
- Respiratory Diseases
- Cancer/Tumor Biology
- Cardiovascular Diseases
- Infectious Diseases
- Neurology
- Orthopedics
- Sports Medicine
- Gastroenterology
- Imaging Sciences
- General Surgery
- Genetics
- Physical Medicine and Rehabilitation
- Other areas also available

**What Does Mayo Clinic Offer?**
- A dynamic clinical or research experience
- A chance to work with nationally and internationally-recognized scientists and clinicians in the exciting atmosphere of Mayo Clinic
- A chance to meet and work with other minority students, over 1,400 clinicians and scientists on Mayo’s faculty, and over 1,000 residents and fellows

**How to Apply**
Complete the attached application form and submit it, along with the other requested materials, by **February 14, 2005.** Send these items as **a complete package** if possible to the address on the application form.

For further information or to answer any questions, contact:

Glenda Mueller, Coordinator
Student Recruitment Programs
Phone: 507-284-3862
Fax: 507-284-0999
E-mail: gmueller@mayo.edu
Completed applications must include:

- A 1- or 2-page description of your goals, interests and previous experiences
- A current official transcript
- A copy of your AMCAS application and MCAT scores
- Two or three letters of recommendation — including one from an associate dean commenting on your current academic standing

Please send as a single package, if possible.

Deadline: Application materials must be postmarked by **February 14, 2005**.

Send to:
Glenda Mueller  
Medical Student Summer Research Program  
Mayo Graduate School  
200 First Street SW  
Rochester, MN 55905

If you have questions, please call 507-284-3862.
Program Application Information

To which program are you applying? (If you are interested in both, indicate a first and second preference.)

☐ Summer Research
☐ Clinical Skills

If you are applying for a research fellowship, please indicate your first, second and third choices for the type of research you would like to do:

☐ Anesthesiology ☐ Immunology ☐ Hematologic Disease
☐ Cancer ☐ Infectious Diseases ☐ Neurological Surgery
☐ Cardiovascular Diseases ☐ Gastroenterology ☐ Neurology
☐ Imaging Sciences ☐ General Surgery ☐ Nicotine Dependence
☐ Orthopedics
☐ Physical Medicine and Rehabilitation
☐ Respiratory Diseases
☐ Sports Medicine

Would you prefer basic or clinical research?
☐ Basic ☐ Clinical ☐ Either

What date would you begin your eight weeks?
☐ May 31 ☐ June 6

To help us better understand the students who are interested in this program, please answer the following questions. Your answers to these questions will not affect consideration of your application.

Have you done research before? ☐ Yes ☐ No
If yes, was it a positive experience? ☐ Yes ☐ No
Are you a co-author of any abstracts or publications? ☐ Yes ☐ No
Are you planning to include some research in your career? ☐ Yes ☐ No

Mayo Clinic is an affirmative action and equal opportunity educator and employer. We are committed to developing a diverse biomedical research and clinician workforce. These programs are designed to enhance the diversity of applicants to our residency programs. First consideration will be given to applicants from ethnic and racial groups underrepresented in medicine and others who have a demonstrated commitment to serving minority or underserved communities.

I am a member of the following ethnic group:

☐ African American
☐ American Indian Tribe:
☐ Alaskan Native
☐ Asian
☐ Caucasian
☐ Mexican American
☐ Puerto Rican Commonwealth
☐ Puerto Rican Mainland
☐ Other Hispanic
☐ U.S. Pacific Islander
☐ Other Island:
☐ Other:

I am a U.S. citizen or have legal permanent residency in the U.S.: ☐ Yes ☐ No

Signature ___________________________________________ Date ______________________

MAYO CLINIC
College of Medicine

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