

## YEAR OUT

### **HVTN Research and Mentorship Program (RAMP) Scholar Program for African-American and Latino/a Medical Students**

The HIV Vaccine Trials Network, in collaboration with the National Institute of Mental Health and the National Institute of Allergy and Infectious Diseases, is investing in the next generation of HIV prevention researchers by providing African American and Latino/a medical students with opportunities to conduct independent research while receiving mentoring, project and salary funding, training, and professional development opportunities.

#### **Program Tracks**

Grant recipients will be mentored by HVTN-affiliated investigators while conducting research projects in areas of basic, clinical, behavioral and social science.

#### **Long-Term: 9-12 months**

- Research at an HIV Vaccine Trials Unit in the US with up to 16 weeks at an international HIV Vaccine Trials Unit
- Can be timed with a planned Master's or doctoral program, or be a distinct, non-degree associated research-focused year
- Attend two scientific conferences, including presenting at the HVTN conference
- Maximum award of \$60,000

RAMP scholars are funded to travel to an HVTN clinical research site to conduct a project under the mentorship of an investigator.

If you are interested in applying, contact the RAMP Manager at [HVTNAwards@hvtn.org](mailto:HVTNAwards@hvtn.org). The RAMP Manager will connect you with investigators who can assist you in selecting a project of interest and potentially serve as a mentor for that project. The deadline for initial contact with mentors is December 7, 2016. Carefully read the Request for Applications before applying. Applications are due via the web-based application form by 5:00 pm PST on January 4, 2017.

<http://www.hvtn.org/en/science/scholar-awards/ramp-scholars.html>

### **MSARF Year-Long Program**

FAER's year-long medical student fellowship is for those who would like to spend a year focusing on anesthesiology research and receive additional training, and who have completed their core clinical rotations but have not yet graduated.

Through the program, medical student fellows can expect:

- One year of full-time research in anesthesiology.
- A formal mentor-protégé relationship with an experienced investigator.
- Training in scientific methods and research techniques.
- A \$32,000 stipend, plus additional funding to cover relocation, housing, health insurance, travel to a national meeting and other related expenses.

Medical students enrolled full-time at a U.S.-based LCME-accredited institution, and who have completed their core clinical rotations but have not yet graduated, can apply for the program.

The application deadlines for 2017-18 year-long fellowships are pending. Please call the FAER office at 630-912-2554 if you are interested in applying for this program.

<http://faer.org/programs/msarf-year-long-program/>

### Physician-Scientist Career Development Award

The Society's Physician-Scientist Career Development Award is a new opportunity for medical students to gain experience in hematology research and to learn more about the specialty by immersing themselves in a yearlong laboratory, translational, or clinical investigation under the mentorship of an ASH member.

The award is for a one-year period, generally July 1, 2017 through June 30, 2018. Up to five awards will be granted per year. Awards will be paid directly to the participating institution of the mentor, not to the mentor or the recipient. Indirect costs (i.e., facilities and administration costs) are not allowed.

#### Timeline

Application due	January 6, 2017
Award notification	March 2017
Award activation	July 1, 2017

<http://www.hematology.org/Awards/Medical-Student/400.aspx>

### Trauma Division at NYU

The Division of Orthopaedic Trauma Surgery at NYU Langone Hospital for Joint Diseases offers several one or two-year Orthopaedic Trauma Research Fellowships for recent college graduates and medical students interested in devoting one year of education to orthopaedic clinical research.

The program works to develop and shape the fellow's ability to develop a hypothesis, conduct a review of the literature, and develop a protocol for execution of research projects. Fellows work in conjunction with attending physician mentors to submit the developed protocols to the Institutional Review Board for review and ultimately have the opportunity to follow their projects to fruition once approved.

As part of the clinical research data collection experience, fellows develop skills in patient interaction, learn and improve upon physical exam maneuvers, and observe trauma surgeries. Upon completion of data collection, fellows are given the opportunity to organize, analyze, and prepare the data for submission to academic journals for publication and presentation to peers. They are also encouraged to take advantage of courses offered through NYU School of Medicine to further develop their ability to manipulate and organize data.

Postgraduate and medical students' interested individuals should contact Kenneth A. Egol, MD, Director of Trauma Research at [kenneth.egol@nyumc.org](mailto:kenneth.egol@nyumc.org).

<http://www.med.nyu.edu/orthosurgery/education-training/research-opportunities/trauma-division>

### Shoulder and Elbow Division at NYU

The Shoulder & Elbow Division of the Department of Orthopaedic Surgery invites college graduates and medical students to apply for a one to two year research fellowship in the clinical sciences. Selected candidates will be mentored by full-time Hospital for Joint Diseases faculty members, Drs. Young W. Kwon, Andrew S. Rokito and Joseph D. Zuckerman. Emphasis will be placed on the importance of the basic principles that form the foundation for scientific investigation.

Over the course of the year, research fellows will gain the ability to develop a hypothesis, conduct a review of literature, compose a research protocol and IRB application, compile, organize and analyze data and prepare results for submission for academic publication and or presentation, and become familiar with grant writing and the grant application process. This position also involves management of our shoulder and elbow database which compiles inpatient and outpatient data on shoulder procedures performed by our division since 2010.

In addition, participants may shadow our orthopaedic physicians both in clinic and the OR. All research fellows are invited to attend Grand Rounds, Resident Didactics and Journal Club. This opportunity is ideal for those candidates with an interest in the field of orthopaedic surgery who wish to strengthen their application for a health related field.

To apply, please submit your CV with a brief letter of interest to:

Andrew S. Rokito, MD

Chief, Shoulder & Elbow Division

Department of Orthopaedic Surgery

[andrew.rokito@nyumc.org](mailto:andrew.rokito@nyumc.org)

<http://www.med.nyu.edu/orthosurgery/education-training/research-opportunities/shoulder-and-elbow-division>

### **Sports Medicine Division at NYU**

The Division of Sports Medicine invites third and fourth-year medical students or medical school graduates to apply for a one or two-year clinical research fellowship position in Orthopaedic Sports Medicine.

Responsibilities and daily activities include: learning how to develop a research hypothesis and to conduct a review of the literature; composing a research protocol; Institutional Review Board applications; opportunities for patient interaction; opportunities to be mentored in a hospital clinic and research setting; learning and/or honing clinical examination skills; opportunities to observe surgeries in the OR; opportunities to observe/practice surgical technique in the Hospital for Joint Diseases Surgical Skills Lab; collecting, organizing and analyzing clinical research data; preparing the results for submission for academic publication and presentation to peers.

In addition, the student will have the opportunity to audit courses related to clinical research duties and data analysis skills at the NYU School of Medicine. Interested individuals should contact the current research coordinator ([hjdsports@gmail.com](mailto:hjdsports@gmail.com)) with any questions.

<http://www.med.nyu.edu/orthosurgery/education-training/research-opportunities/sports-medicine-division>

### **Pharma Foundation – Health Outcomes**

Application Deadline: February 1, 2017

Health Outcomes research spans a broad spectrum of issues related to health-care delivery, from studies evaluating effectiveness of a pharmaceutical intervention, to the impact of reimbursement policies on outcomes of care. It also ranges from the development and use of tools to perform patient-based assessments to analyses of ways in which results of outcomes research are disseminated to providers or consumers to encourage behavior change.

Outcomes research incorporates a variety of methods from different disciplines. The application of outcomes research principles in evaluating the design, delivery, and effectiveness of pharmaceuticals includes but isn't limited to the following general areas:

- Pharmacoeconomics
- Patient Reported Outcomes

Other types of analyses and terminology under the umbrella of health outcomes are listed below:

- Burden of Disease
- Comparative Effectiveness Research
- Patient Preferences
- Patient Centered Outcomes Research
- Compliance/Adherence
- Cost–Consequences Analysis
- Cost–Benefit Analysis
- Cost-Effectiveness Analysis
- Cost–Utility Analysis
- Health Outcomes Research
- Health-Related Quality of Life
- Health Services Research
- Health Technology Assessment
- Patient Satisfaction

<http://www.phrmafoundation.org/2017-awards/pre-doctoral-fellowship-awards/health-outcomes/>

#### **RPB MEDICAL STUDENT EYE RESEARCH FELLOWSHIP**

RPB Medical Student Eye Research Fellowships allow gifted students to take a year off from medical school and devote time to the pursuit of a research project within an RPB Grantee department. MD/PhD students are not eligible to apply. The fellowship must take place prior to the third or fourth year of medical school.

The spring cycle application deadline for the Medical Student Fellowship is January 10. The fall cycle application deadline is July 1. (If January 10 or July 1 falls on a weekend or a holiday, consider the following business day the deadline.)

<http://www.rpbusa.org/rpb/grants-and-research/grants/grants-for-individuals/medical-student-fellowships/>

The **Sarnoff Fellowship Program** offers medical students enrolled in accredited U.S. medical schools the opportunity to spend a year conducting intensive work in a biomedical research facility in the United States, other than the medical school in which they are enrolled.

During the year in the laboratory, the Sarnoff Fellow will undertake his/her own research project and assume responsibility for it from inception to completion. The Fellow is expected, with guidance, to develop the hypothesis and specific aims of the project, to participate in the experimental design, to carry out appropriate experiments, to interpret the data with the help of his/her Preceptor, and to prepare an original manuscript for submission to an appropriate peer-reviewed journal. Each Fellow presents his/her results at the Sarnoff Foundation's Annual Scientific Meeting, as well as at appropriate national meetings.

The application deadline for the 2017-18 Sarnoff Fellowship Program is January 11, 2017. The online application for the 2017-18 Sarnoff Fellowship Program will be available in August 2016.

[http://www.sarnofffoundation.org/?page=Fellowship\\_Info](http://www.sarnofffoundation.org/?page=Fellowship_Info)

The **International Clinical Research Fellowship (ICRF)** program provides fellowships for U.S.-based medical students to take a year out from school to conduct mentored clinical research in developing countries.

ICRF is administered through six U.S. medical schools with established programs in global health research. Each school is responsible for overseeing the selection of applicants and providing the mentored research experience. Each institution offers three fellowships per year.

- [Duke University School of Medicine and Duke Global Health Institute](#)
- [Harvard Medical School](#)
- [University of California, San Francisco, School of Medicine](#)
- [University of Minnesota Medical School](#)
- [University of North Carolina at Chapel Hill School of Medicine](#)
- [Yale University School of Medicine](#)

Students participating in the ICRF program will take a year out from medical school to conduct clinical research abroad under the direction of a mentor working in global health, as well as complete related coursework. Fellows receive a stipend, health insurance and financial support to attend a year-end meeting as well as supplementary funds for research and training.

Students must be matriculated at a U.S.-based medical school to be eligible for the ICRF.

**NOTE:** Students **do not** need to be matriculated at one of the six schools administering the program to be eligible to apply.

Additional information on how to apply for the 2017-2018 fellowships will be available in late 2016. To receive announcements about future competitions for this and other programs, subscribe to our lists [here](#).

<http://www.ddcf.org/what-we-fund/medical-research/goals-and-strategies/encourage-and-develop-clinical-research-careers/international-clinical-research-fellowship/>

The **Janelia Joint Graduate Program** is a fully-funded, collaborative PhD program for independent, committed graduate scholars in partnership with The Johns Hopkins University.

Graduate scholars in the program spend their first year at the partner university and then reside at Janelia for the remaining years of the program to conduct their thesis research. Degrees are granted by the partner university. Scholars have two supervisors, one at Janelia and the other at the partner university.

Apply by December 1, 2016, 2:00 p.m. ET

<https://www.janelia.org/you-janelia/students-postdocs/joint-graduate-program>

### **Penn Medicine Department of Dermatology**

Predoctoral Research Fellowships are for medical students. Postdoctoral Research Fellowships require an M.D. or Ph.D. degree.

Postdoctoral candidates should make a commitment of at least two years, and some previous research experience is desirable. We encourage minority applications.

Applications are accepted at any time.

The Department of Dermatology at the University of Pennsylvania has a long history of successful research in cutaneous biology and, more recently, in clinical epidemiology. For over 10 years we have been in the top five Departments of Dermatology in receipt of funding from the National Institutes of Health, and for the past three years we have been the number 1 or 2 Department. In addition to other funding sources, our NIH T32 Dermatology Training Grant funds 4 post-doctoral, 2 pre-doctoral and 3 short-term pre-doctoral fellows per year. NIH T32-funded positions are limited to US citizens and permanent residents. Applications from minority, disabled, or economically disadvantaged applicants are particularly encouraged.

<https://www.pennmedicine.org/departments-and-centers/dermatology/dermatology-education-and-training/fellowship-training-programs/research-fellowship>

### **NIEHS Medical Student Research Fellowships**

The National Institute of Environmental Health Science (NIEHS) Fellowships in Environmental Medicine for Medical Students is a one-year program designed to provide medical students with a laboratory, epidemiological, or clinical research experience related to environmental health issues under the direction of a principal investigator at the NIEHS. Most projects will take place at NIEHS central campus at Research Triangle Park, NC. Some NIEHS investigators are located at the NIH campus in Bethesda, MD. Fellows are provided with an annual stipend.

Application deadline – January 31, 2017

<http://www.niehs.nih.gov/careers/research/med-students/>

The **Clinical Research Mentorship program** provides previously funded Doris Duke investigators the opportunity to foster the next generation of clinical researchers by mentoring a medical student for one year.

An open competition for the 2017-2018 CRM awards will be launched on November 1, 2016. Please refer back to our website for additional details on how to apply.

Past and present principal investigators on medical research grants from the Doris Duke Charitable Foundation (DDCF) identify a medical student to mentor for one year and then apply as a team. Alternatively, medical students identify a qualifying DDCF principal investigator and apply together. In either case, the DDCF principal investigator must be the applicant.

Each mentor is required to provide a 12-month, full-time clinical research experience for the student mentee. Each mentee must be willing to take 12 months out from medical school, typically after the third year of school. Teams receive \$70,400 over one year, inclusive of a \$30,000 stipend for the student.

<http://www.ddcf.org/what-we-fund/medical-research/goals-and-strategies/encourage-and-develop-clinical-research-careers/clinical-research-mentorship/>

**Alpha Omega Alpha (AOA)** has announced funding for the 2017 Medical Student Leadership Project. The award supports leadership development for medical students by organizing a service project with structured leadership development. Three years of funding. Award amount: \$9k. One submission per chapter.

Alpha Omega Alpha is committed to preparing future leaders in medicine and health care. Leadership is about making a positive difference and can be learned through education, observation, and experience, and working with leader mentors. Service learning may provide an excellent

opportunity for students to develop as servant leaders. Only one team from each school may be nominated.

The application and requirements can be found at the following link:

[http://alphaomegaalpha.org/student\\_service\\_leadership.html](http://alphaomegaalpha.org/student_service_leadership.html)

#### Amount of Award

\$5,000 for the first year, \$3,000 for the second year, \$1,000 for the third year. The award will be paid to the sponsoring institution. Payee name and tax ID must be included. No indirect costs will be paid.

#### Eligibility

- A team of students at a school with an AOA chapter or association. Teams with AOA members serving as team leaders will be given priority.
- Proposals with matching institutional or dean's funds will be given priority.
- Only one proposal may be submitted for each institution for each three years of funding.
- Applications must be for new projects with the potential to generate future support from the medical school or other sources, not supplemental funding for existing programs. A new component of an existing program is eligible.
- All AOA members in the submission packet must have active status.

**If you are interested in submitting a proposal, please submit to the CACHED Office by December 5<sup>th</sup>. The CACHED Office will submit all proposals to the AOA Councilor who will then submit to a URSMD selection committee who will choose the application that will be submitted to the national office.**