

## Yearlong Research Fellowship Opportunities for Medical Students

### Doris Duke Clinical Research Fellowship Program

#### Competition Opens early November

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 2018-2019 CRM awards will be launched early November 2018. Please refer back to our website for additional details on how to apply.* Past and present recipients of 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 researcher and apply together. In either case, the **DDCF researcher 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.

The student's year out will start in the summer of 2018 and end in the summer of 2019. DDCF expects to make awards to ten mentor/mentee teams in 2018.

For more information,

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

### Fogarty International – Global Health Program for Fellows and Scholars

#### Deadline: November 1, 2017

Website for application deadlines, eligibility, program areas and additional information

The **Global Health Program for Fellows and Scholars** provides supportive mentorship, research opportunities and a collaborative research environment for early stage investigators from the U.S. and low- and middle-income countries (LMICs), as defined by the World Bank, to enhance their global health research expertise and their careers.

Applications accepted through Support Centers

Support Centers (funded in part by Fogarty through competitive grants) identify postdoctoral Fellows and doctoral Scholars. See each Support Center website for application deadlines, eligibility, program areas and additional information.

- [Harvard University](#)
- [University of California, Berkeley](#)
- [University of California Global Health Institute](#)
- [University of North Carolina, Chapel Hill](#)
- [University of Washington](#)
- [Vanderbilt University](#)

For more information: <https://www.fic.nih.gov/Programs/Pages/scholars-fellows-global-health.aspx>

## Howard Hughes Medical Institute (HHMI) Medical Research Fellows Program at an Academic or Nonprofit Research Institution

**Deadline: 1/11/2018 2pm EST**

The Medical Research Fellows Program gives students the opportunity to immerse themselves in a year of basic, translational, or applied biomedical research. Medical Fellows experience the excitement and intellectual rewards of research before making plans for residency or postgraduate training. The students select their own mentor at any academic or nonprofit research institution in the United States (excluding the National Institutes of Health or any other federal agency) or abroad, provided the proposed mentor is affiliated with a U.S. fellowship institution, and work with the mentor to develop a research proposal. Mentor selection and the research project proposal are key components of the application. Working with an [HHMI investigator, early career scientist, or HHMI professor](#) is encouraged but not required.

Medical Fellows conducting research in the following areas may be supported by organizations partnering with HHMI:

- Epilepsy research (Partner: Citizens United for Research in Epilepsy);
- Gastroenterology or hepatology research (Partner: American Gastroenterological Association);
- Inherited retinal degenerative disease research (Partner: Foundation Fighting Blindness);
- Duchenne muscular dystrophy research (Partner: Duchenne Research Fund);
- Orthopaedic research (Partner: Orthopaedic Research and Education Foundation);
- Parkinson's disease research (Partner: Parkinson's Disease Foundation);
- Preclinical research in interventional radiology (Partner: Society of Interventional Radiology Foundation); and
- Veterinary student research (Partner: Burroughs Wellcome Fund).

### Financial Support

- Stipend of \$32,000
- Research allowance of \$5,500 for research-related enrichment activities (Med Fellows regional events, HHMI investigator meetings, scientific conferences), research-related books, and some research-related costs
- Fellow's allowance of \$5,500 for health, dental, and vision insurance; education-related expenses; and moving expenses (up to \$1,500 roundtrip if research is at an institution other than the student's school)
- Students funded by one of our partnership initiatives will receive the same level of support and have the same privileges as other Fellows.

*For more information,*

<http://www.hhmi.org/programs/medical-research-fellows-program/year-long-program>

## Howard Hughes Medical Institute (HHMI) Year-Long Medical Research Fellows Program at Janelia or K-RITH

**Deadlines: Prescreening 11/1/2017**

The Year-Long Medical Fellows Program opportunities at Janelia and K-RITH are targeted to students with specific research interests and backgrounds, and have additional application requirements.

### *Janelia Research Campus*

Students interested in neuronal network function or imaging at the cellular and molecular level are encouraged to apply for fellowship positions at HHMI's [Janelia Research Campus](#).

Fellows at Janelia take part in cutting-edge research and work with small, interdisciplinary teams of chemists, biochemists, neurobiologists, geneticists, physicists, computer scientists, mathematicians, and engineers from around the world in a collaborative, creative, resource-rich environment.

This intense research training experience is targeted to highly talented students with a proven track-record of research accomplishment and a commitment to a basic research field being pursued by Janelia investigators.

Life at Janelia includes:

- A full agenda of seminars, conferences, and journal clubs;
- A chance to interact with outside faculty speakers, HHMI investigators, and other renowned researchers;
- State-of-the-art laboratory and conference facilities;
- Well-appointed on-campus housing; and many other amenities.

### ***K-RITH(Durban, South Africa)***

Students interested in conducting research in HIV, TB, or co-infection in a state-of-the-art research institute at the heart of the TB and HIV epidemics should apply for fellowship positions at [K-RITH](#).

Fellows will spend the year living and working in Durban, South Africa. Students should have previous research experience and a strong interest in infectious disease.

*For more information,*

<http://www.hhmi.org/programs/medical-research-fellows-program/year-long-program-at-janelia>

## **NIEHS Fellowships in Environmental Medicine for Medical Students**

**Deadline: 1/31/2018**

This is a one-year research training opportunity for medical students to train at the National Institute of Environmental Health Sciences (NIEHS). The trainees will work full time in a research group for one year, beginning the summer of 2018. Two fellowships will be awarded. Fellows will receive \$38,100 for the training, transferred incrementally each semester into their school student account, and administered by their school as a portion of their financial assets. All other costs, including housing and health benefits, are the responsibility of the fellow.

*For more information:* <http://www.niehs.nih.gov/careers/research/med-students/index.cfm>

## **NIH Medical Research Scholars Program**

**Applications: now open. Deadline: 1/12/2018**

The National Institutes of Health (NIH) Medical Research Scholars Program (MRSP) is a comprehensive, yearlong research enrichment program designed to attract the most creative, research-oriented medical, dental, and veterinary students to the intramural campus of the NIH in Bethesda, MD. Student scholars engage in a closely [mentored basic, clinical, or translational research project](#) on the main NIH campus in Bethesda or nearby NIH facilities that matches their research interests and career goals. The MRSP is a residential program; participating scholars are required to reside in one of the available MRSP housing options.

MRSP scholars will experience the full continuum of biomedical research—the bench, the bedside, between both and beyond. The MRSP offers:

- Lectures on seminal basic, translational and clinical research topics that highlight the continuum of discovery, as well as issues in bioethics, science policy and emerging technologies
- Training in the conduct of human subjects research
- Clinical teaching rounds focusing on NIH research patients
- Dedicated research mentor and advisor
- NIH Clinical Center courses such as "Introduction to the Principles and Practice of Clinical Research," "Ethical and Regulatory Aspects of Clinical Research," and "Writing and Publishing a Scientific Paper"

For more information: <http://www.cc.nih.gov/training/mrsp/>

## **Stanley J. Sarnoff Fellowship in Cardiology Research**

**Deadline: 1/10/2018**

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. Fellows are selected on the basis of a national competition. Sarnoff seeks individuals with demonstrated intellectual and academic achievement, as well as leadership ability. Although applicants may have prior research experience, applications are also encouraged from students without extensive prior research experience. Applicants enrolled in an MD/PhD program will not be eligible for a Sarnoff Fellowship. Applications are encouraged from second and third year medical students. Fourth year medical students are required to submit an official letter from their medical schools granting graduation deferment. The Sarnoff Foundation is committed to promoting diversity in the biomedical and scientific community. We strongly encourage applicants from members of underrepresented or historically disadvantaged backgrounds.

The cornerstone of the Sarnoff Fellowship is the special interaction between the medical students and the laboratory Preceptor with scientific and mentoring expertise. This close relationship, developed during the course of the Fellowship, and continuing throughout the Fellow's career, is enhanced by additional interactions with the Sarnoff Scientific Committee and Sarnoff Alumni. These experiences cultivate a life-long appreciation and enthusiasm for cardiovascular investigation, leading many to choose a career in cardiovascular research. The Foundation's investment in the Sarnoff Fellow is life-long.

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.

Fellowship awardees receive the following benefits:

- \$32,000 stipend
- Allowances up to \$8,000 for travel support to select a Preceptor and Fellowship laboratory and attend the Sarnoff Annual Scientific Meeting and American Heart Association Scientific Sessions, moving expenses, health insurance and funds for travel to present a paper at two national conferences

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

## **American Heart Association Medical Student Research Program**

**Deadline: 12/4/2017, 5pm EST**

The purpose of the grant is to encourage medical students to consider a career in cardiovascular research. The need for new researchers in the health sciences, from basic science to human behaviors, is critical. This program is designed to provide students at the crossroads of career choices an opportunity to experience research first hand with an established investigator.

Awards for student stipends are made for 12 months for \$22,000 per year which includes 10% indirect cost.

For more information: [http://www.heart.org/HEARTORG/Affiliate/Founders-Affiliate-Local-Research-Opportunities\\_UCM\\_315885\\_Article.jsp#.Vk-gjL\\_YZNo](http://www.heart.org/HEARTORG/Affiliate/Founders-Affiliate-Local-Research-Opportunities_UCM_315885_Article.jsp#.Vk-gjL_YZNo)

## **American Otological Society – Fellowship and Medical Student Training Grants**

**Letter of Intent Deadline is in November 1**

The American Otological Society is committed to the non-promotional advancement of knowledge and science and to a free exchange of medical education in otology and neurotology. Fosters the academic training of students and resident physicians in sciences related to the investigation of any topic related to ear disorders. Appropriate areas of research include diagnosis, management and pathogenesis of these diseases, as well as underlying processes. These can involve anatomical, physiological, biochemical, pharmacological, physical, genetic, environmental, psychological, pathological or audiological investigations.

For more information: <http://www.americanotologicalsociety.org/research-grants>

## **American Society of Hematology – Physician-Scientist Career Development Award**

**Now Open. Deadline: 01/15/2018**

ASH developed the Physician-Scientist Career Development Award to immerse medical students between their 1st and 2nd or 2nd and 3rd years of school in a one-year, full-time research experience in hematology. Under the mentorship of outstanding faculty, medical student recipients of the ASH Physician-Scientist Career Development Award will experience in-depth exposure to hematology, thereby enhancing the likelihood that the funded students will ultimately pursue a career in hematology. The award is comprised of \$28,000 to support the trainee, a \$5,500 research allowance for supplies, \$5,500 for insurance and educational expenses (including one course), and \$3,000 for meeting attendance.

For more information: <http://www.hematology.org/Awards/Physician-Scientist-Career-Development-Award/9329.aspx>

## **NYU Orthopaedic Surgery Research Fellowships**

**Deadline: rolling basis**

The Department of Orthopaedic Surgery offers many opportunities to get involved in musculoskeletal research, offering programs for medical students, PhD candidates, and outstanding undergraduates interested in medical research. Programs include hands-on clinical research and intensive laboratory work.

- [Trauma Division](#)
- [Adult Reconstructive Surgery Division](#)
- [Shoulder and Elbow Division](#)
- [Sports Medicine Division](#)

For more information: <http://www.med.nyu.edu/orthosurgery/research-opportunities>

## Research to Prevent Blindness – Medical Student Fellowship

**Deadline: 1/10/2018**

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, which must take place prior to the third or fourth year of medical school, will be funded for one year with a \$30,000 grant, a portion of which should be utilized to help finance the recipient's eye research activities. The program is neither intended to become a vehicle to assure the candidate a residency, nor used simply to provide technical assistance. The candidate, mentor, and the proposed training program are evaluated in the review process. Mentors should carefully consider the research project and its objectives as well as the role of and outcomes for the medical student within the project, as they will be required to submit this information in the application. Since outcomes are not announced until almost six months after submission, the applicant should be aware of the risk of rejection. Grantee chairs may nominate one candidate in each grant review cycle.

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

## National Institute of Diabetes, Digestive and Kidney Disease (NIH/NIDDK)

**Deadlines: January 15 and April 15**

The Medical Student Research Training (MSRT) program provides mentored support for medical students interested in taking a year off from their medical school studies to work in an academic research lab. This support is via a supplement to a training grant (T32) in the appropriate area of research. A list of currently funded [T32 program locations](#) is available. Only students able to commit a minimum of 9 months, up to a maximum of 12 months, full time, to participate in the program may apply. The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) conducts, supports, and coordinates research on many of the most serious diseases affecting public health. The Institute supports clinical research on the diseases of internal medicine and related subspecialty fields, as well as many basic science disciplines. The Institute, approximately the fifth largest at the National Institutes of Health and covers a wide variety of [research areas](#).

For more information: <https://www.niddk.nih.gov/research-funding/process/apply/funding-mechanisms/t32/medical-student-research-training-supplement>