

SUMMER RESEARCH

Children's Hospital Los Angeles Summer Oncology Fellowship

This program is intended to provide the highest quality experience for **first-year** medical school students pursuing interests in oncology research. While the program has traditionally been designed for students who have completed their first year of medical school, highly qualified undergraduates majoring in the health science fields may be considered. Faculty mentors are located both at Children's Hospital Los Angeles and at the USC Keck School of Medicine. The Summer Oncology Research Fellowship Program is traditionally awarded to students from universities and medical schools throughout the United States. Prior candidates have been exceptional students.

Fellows Per Year: 9

Application Deadline: Postmarked January 31, 2017

Duration: 6 - 8 weeks

2017 Dates: May 22 - August 31

Postgraduate Training Required: No

U.S. Citizenship Required: No

Stipend: \$350/week

<http://www.chla.org/fellowship/summer-oncology-fellowship>

Memorial Sloan Kettering Cancer Center's Medical Student Summer Fellowship

Program is a research program for **first- and second-year** students at US medical schools who are interested in careers as physician-scientists in the field of oncology and/or related biomedical sciences.

2017 Summer Fellowship Program dates will be posted in late fall 2017.

Funded since 1977 by the National Cancer Institute, this program grants students the opportunity to conduct basic laboratory or clinical research under the mentorship of MSK faculty. Additional support is provided by MSK's Office of Diversity Programs in Clinical Care, Research, and Training. Students in the program will:

- Gain clinical or laboratory research experience under the mentorship of MSK faculty
- Interact with MSK physicians, PhD investigators, postdoctoral fellows, and graduate students
- Participate in a weekly lecture series presented by world-renowned MSK faculty
- Attend additional institutional lectures, departmental conferences, and lab meetings
- Present their summer research to program peers and MSK faculty during the final week of the program

<https://www.mskcc.org/hcp-education-training/medical-students/summer-fellowship>

The **Ross Student Research Fellowship** is a 10-week program designed to expose first-year medical students, undergraduate and post-graduate students to clinical surgery, trauma, and research.

Clinical experience includes direct observation of:

- Floor rounds
- ICU rounds
- Acute trauma resuscitations
- Surgery
- ICU procedures
- Resident teaching conferences

Research experience includes:

- Lectures on research design
- Lectures on biostatistics
- Take training modules for the Institutional Review Board
- Data collection
- PowerPoint presentations required at completion of program summarizing their research
- Co-authorship for all work presented or published

Interested applicants should contact Jon.Beni@carolinashealthcare.org for an application.

<http://www.carolinashealthcare.org/medical-student-summer-scholars>

The **Medical Student Anesthesia Research Fellowship Summer Program** provides students with a challenging and rewarding experience that exposes them to the opportunities within the medical field of anesthesiology and research.

Medical students who participate in the summer anesthesia research fellowship can expect:

- Eight weeks of focused research related to anesthesiology.
- A dedicated mentor who will provide guidance and training in research techniques and scientific methods.
- The opportunity to make a scientific poster presentation at the American Society of Anesthesiologists annual meeting, during the FAER MSARF Symposium.

A \$400 per week student stipend, ASA student membership dues, plus additional funds to help cover the costs of travel to the ASA meeting.

The application website for the 2017 summer program will open Dec. 1, 2016 and close on Jan. 31, 2017.

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

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.

Short-Term: 2-4 months

- Can be timed with a summer break or fourth year research elective
- Travel to an HIV Vaccine Trials Unit in the US or abroad
- Attend and present at an HVTN Conference
- Maximum award of \$20,000

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. 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>

APDA-PDF Summer Student Fellowships

Program Overview

In 2015, APDA and the Parkinson's Disease Foundation (PDF) partnered to expand their existing Summer Student Fellowships Programs, which supports students – from advanced undergraduates to medical students – in their pursuit of Parkinson's-related summer research projects. The goal of the APDA-PDF Summer Student Fellowships is to cultivate students' early interest in helping to solve, treat and end Parkinson's and providing the tools they need to transition into leaders in the field.

Fellows work under the close supervision of a sponsor who is an expert in the Parkinson's community and oversees the project.

Summer fellowships are offered for 10 weeks of clinical or laboratory work with an award of \$4,000. Upon completion of their project, Fellows are invited to apply for up to \$1,000 in travel funds to attend a related scientific conference to present their research. The award is to be used to support the student's summer research, for example, to defray tuition costs of research credits or to supplement living/housing costs. This award may be taxable; an IRS form 1099 will be sent to the recipient at the end of the calendar year.

- Opens: Monday, October 10, 2016
- Application Due: Monday, January 23, 2017
- Award Notification: mid March 2017

<http://www.apdaparkinson.org/research/medical-students-summer-fellowships/>

The **ASH Minority Medical Student Award** Program (MMSAP) is your chance to learn about the field of hematology, gain first-hand research experience, and get valuable guidance from both a research and career development mentor.

The MMSAP is part of the **Minority Recruitment Initiative**, which was created to increase the number of underrepresented minorities in hematology. The MMSAP is designed to introduce minority medical students to hematology and hematology research through the following 8- to 12-week research options:

- *Summer research experience* for minority medical students between their first and second year of medical school, to be conducted during the summer break with a laboratory- or clinically-based hematology investigator.
- *Flexible research experience* for minority medical students in their first, second, or third year of medical school, to be completed over the course of a year (approximately 320-480 hour commitment).

Timeline

Application Available	August 17, 2016
Request a Mentor Application Deadline	December 15, 2016 at 11:59 p.m., PST
Application Deadline	February 1, 2017 at 11:59 p.m., PST
Award Winners Notified	Late March 2017

<http://www.hematology.org/Awards/Medical-Student/383.aspx>

CUPID Summer Translational Oncology Program

All students currently enrolled in the first year of an accredited medical school program in the US or in a US territory will spend most of each day -as well as some evenings and weekends as needed -working on a laboratory-based research project under the guidance of their mentor and senior lab members. Didactic lectures or journal discussions are held over lunch, which is provided by the program almost every weekday. Many of these sessions will be teleconferences that connect the Baltimore and Indianapolis sites. Three half-day clinical rotations in medical oncology, radiation oncology, and surgical oncology are scheduled during the 7-week program. Additional rotations may be scheduled depending on student interest and the availability of faculty.

Registration for the 2017 summer program will be announced in December 2016.

<https://public.onc.jhmi.edu/cupid/>

The **Heart, Lung and Blood Summer Research Program** is designed to engage 12 diverse undergraduates and 8 medical students in state-of-the art biomedical research in cardiovascular, pulmonary, hematological and sleep disorders research.

Students who belong to groups underrepresented in biomedical sciences are eligible to apply. In general, this includes students who are African American, Latino, Puerto Rican, Pacific

Islanders, students from low-income families, or those with disabilities. Please note that you must be a US citizen or Permanent resident to participate.

Participants will enjoy weekly seminars that highlight research in these disciplines, as well as activities that encourage interaction among all students engaged in summer research.

The program will culminate in a poster session required for all undergraduates, and CWRU medical students will present their work in the subsequent CWRU Lepow Day event.

Application deadline for medical students is March 1, 2016.

<http://casemed.case.edu/gradprog/summer.cfm>

The **Visiting Research Internship Program (VRIP)** is an eight-week mentored, summer research program designed to enrich medical students' interest in research and health-related careers, particularly clinical/translational research careers.

In addition to a mentored clinical/translational research experience, VRIP students will participate in weekly seminars with Harvard faculty focusing on topics such as research methodology, health disparities, ethics, and career paths. Participants will also have the opportunity to participate in offerings of other Harvard Medical School programs such as career development seminars and networking dinners.

Deadline Date: December 21, 2016: Delivery of completed application and all accompanying material to DICP office

<https://mfdp.med.harvard.edu/dcp-programs/medicalgraduate/visiting-research-internship-program>

Janelia Undergraduate Scholars Program

This program allows a small number of well-prepared, committed and gifted students to join an intense and exciting research environment.

The Janelia Undergraduate Scholars program is a 10-week summer program aimed at well-prepared, independent, and committed students with significant research experience. We accept undergraduates and post-baccalaureate students who have not committed to a PhD program.

This program provides an outstanding research experience, an opportunity to network with colleagues at all career levels, and a chance to form lifelong scientific collaborations and friendships. Stay on our beautiful campus and explore Washington DC, Northern Virginia, and the surrounding area.

<https://www.janelia.org/you-janelia/students-postdocs/undergraduate-scholars-program>

The **NIH Clinical Center's Clinical Electives Program** offers short term, 4- to 12-week clinically oriented rotations to both national and international, senior medical and dental students. In addition to the clinically oriented elective rotations, unique mentored speciality/subspeciality clinical research rotations are also available for combined program students (i.e., MD/PhD, DO/PhD). Please see below for additional information.

Clinical Electives Rotation Descriptions

Addiction Medicine	Neurosurgery
Alcoholism	Nuclear Medicine
Cardiology	Otolaryngology—Head and Neck Surgery
Clinical Pharmacology and Therapeutics for Senior Medical Students	Pain and Palliative Care
Critical Care Medicine	Pathology
Endocrinology and Metabolism	Pediatric Consult Service
Gynecology Consult Service	Pediatric Endocrinology
Health Services	Pediatric Oncology
Hematology	Psychiatry/Psychopharmacology
Hepatology	Psychiatry/Psychosomatic Medicine
Infectious Diseases	Radiation Oncology
Interdisciplinary Women's Health	Rehabilitation Medicine
Internal Medicine Consult Service	Rheumatology
Medical Genetics	Sickle Cell Anemia
Medical Informatics	Surgical Thoracic and GI Oncology
Medical Oncology	Transfusion Medicine
Neurology/Neuroscience Research	Urologic Oncology

http://www.cc.nih.gov/training/students/clinical_electives.html

Roswell Park Cancer Institute Summer Research Experience Program in Oncology

Through this internship experience, **first-year med students** will gain either first-hand research or clinical experience by working full-time on an independent clinical or scientific cancer-related research project. You are able to choose and rank projects in the application process based on your research preference and interests. Your experience will take place in the collaborative environment of a cancer research laboratory or clinic headed by a world-renowned cancer researcher or clinician. In the research laboratory you will work alongside graduate students, post-doctoral scholars and laboratory technicians. If your project is in the clinical setting, you will work within a team of staff physicians, nurses and clinical residents. Your experience will be supported by a curriculum of learning and professional development activities.

Through these activities you will learn about pertinent current and cutting-edge cancer topics. You will also share in your project discoveries with your intern peers through peer-mentorship cross-training. You will conclude your research experience by presenting your work at the program conference where you will hone your scientific communication skills.

Application deadline: Tuesday, January 10, 2017

<https://www.roswellpark.edu/education/summer-programs/medical/dental/pa-students%23RPCI%20Internship>

William J. von Liebig Summer Research Fellowship - Harvard Medical School is offering student summer research fellowships in vascular surgery. Seven student research fellowships are

available for 10-12 weeks of summer research training in molecular and cell biology, biomechanics, coagulation and thrombosis, and angiogenesis, with a focus on clinically relevant problems such as atherogenesis, intimal hyperplasia, prosthetic/host interactions and thrombosis. This training program is designed to provide medical students with an initial exposure to vascular surgery research. Application deadline is January 15, 2016. For more information, visit <http://www.longwoodvascularsurgery.com/t35.htm>

MD Anderson Cancer Center

The 1st Year Medical Student program is a 10-week research program specifically designed for medical students who are interested in hands-on biomedical, translational or clinical research and have completed their first year of medical school.

Students are matched with a member of MD Anderson's distinguished research and clinical faculty. Individual research projects are crafted by faculty mentors and reflect the ongoing research efforts of the institution's clinics and laboratories. Participants will work alongside his or her mentor in one of our state of the art research facilities or in the clinic. Valuable scientific connections with faculty, residents and postdoctoral fellows, as well as other student participants are created. The research projects, institutional lectures and workshops, and scientific connections are valuable tools that students can use to assess their individual career goals related to research and patient care in oncology. The program culminates with a research symposium in which participants are required to present individual talks and posters on their summer projects in front of their peers and faculty.

Application Deadline: TBD

<https://www.mdanderson.org/education-training/degrees-programs/summer-research-programs/first-year-medical-student-program.html>

Medical Student Training in Aging Research (MSTAR) Program

Administered by AFAR and the National Institute on Aging (NIA), the MSTAR program encourages medical students--particularly budding researchers--to consider a career in academic geriatrics by awarding short-term scholarships.

Students participate in an eight- to twelve-week (or 2-3 months, depending on the training site) structured research, clinical, and didactic program in geriatrics, appropriate to their level of training and interests. Research projects are offered in basic, translational, clinical, or health services research relevant to older people. Most scholars will do their training and research during the summer months. They will also be invited to submit an abstract to present a poster at the Annual Meeting of the American Geriatrics Society in Orlando, Florida, May 3 – 5, 2018.

The deadline for applications is January 27, 2017.

<http://www.afar.org/research/funding/mstar>

Carolyn L. Kuckein Student Research Fellowship

Research support for a continual period of a minimum of 8 to 10 weeks, 30 hours or more per week, or an average of 4 hours per week for 12 months over 1 to 2 years, for clinical

investigation, basic laboratory research, epidemiology, social science/health services research, leadership, or professionalism. Funds from the fellowship are expected to be the major source of support for the student. Only one candidate from each school may be nominated. A student may only receive one fellowship during medical school.

Proposals must be submitted to the Councilor before December 31, 2016. The final application must be received by the National Office no later than 11:59 PM, January 31, 2017, PST.

http://alphaomegalpha.org/student_research.html

Endocrine Society

The Endocrine Society offers Summer Research Fellowships to encourage promising undergraduate students, medical students, and first year graduate school students to pursue careers in endocrinology. The Society provides a stipend to each award recipient to participate in research projects under the guidance of a Society member for 10 to 12 weeks during the summer. After the summer fellowship, recipients are invited to attend ENDO 2018, the Society's Annual Meeting & *Expo* and will receive complimentary registration, airfare and lodging, and per diem for the duration of the meeting.

Application Deadline: December 8, 2016

The **ASH HONORS Award** will contribute to the development of the next generation of hematologists by supporting talented medical students and residents to conduct hematology research. The award program has the following objectives:

- Support the conduct of hematology research by medical students and residents.
- Introduce medical students and residents to the hematology research community.
- Encourage medical students and residents to continue research careers in hematology.

The HONORS Award is intended for medical students and residents (residents are defined as trainees who have not yet entered a hematology-related training program) in the United States, Canada, or Mexico with an interest in hematology research. The award will provide the recipient with a \$5,000 stipend to conduct either a short hematology research project for a maximum of three months.

Applications are due February 17, 2017.

<http://www.hematology.org/Awards/Medical-Student/378.aspx#d>

Pediatric Oncology Education (POE) Program

Deadline: February 1, 2017

The Pediatric Oncology Education program at St. Jude Children's Research Hospital is funded by the National Institutes of Health / National Cancer Institute. The POE program offers a unique opportunity for students preparing for careers in the biomedical sciences, medicine, nursing, pharmacy, psychology, or public health to gain biomedical and oncology research experience.

A primary goal of the POE program is to encourage students to pursue a career in cancer research. Thus, we are particularly interested in highly qualified students with a serious career interest in cancer research, either as a clinical scientist or laboratory-based research scientist.

The minimum time requirement for our program is 10 weeks at St. Jude for those currently in medical school and 11 weeks for all others.

Undergraduate participants in our program will receive a \$400/week subsistence allowance, and all others will receive \$480/week. Group housing close to our campus will be available at no cost for POE students coming from outside the Memphis metropolitan area to participate in the program. We do not provide paid family housing. Travel expenses are the participant's responsibility.

POE Home Page- <https://www.stjude.org/education-training/predoctoral-training/internships/pediatric-oncology-education-poe-program.html>

POE Application page: <https://www.applyweb.com/stjudepo/index.ftl>

PCLP APPLICATION

Application Website: <https://nmf.fluidreview.com/>

Established in 2012, this innovative service-learning program provides students with an opportunity to examine the challenges and rewards of primary care practice at community health centers (CHC) across the United States. **PCLP Site Partners are located in Boston MA, Chicago IL, Houston TX, Los Angeles CA, Phoenix AZ, and Seattle WA.** GE-NMF PCLP Scholars will actively engage in leadership training, site-directed project activities, and healthcare service delivery.

PCLP Scholars will each receive a **\$5,000 scholarship stipend** that is expected to cover travel, living, and lodging expenses during the service-learning experience period. Students are required to find their own housing and to arrange transportation to the placement city and throughout the service-learning experience period.

Scholars complete their program requirements during a six week period during June and July 2017 (exact dates TBD).

If you have any questions about the application process, please contact scholarships@nmfonline.org or pclpinfo@nmfonline.org.

2017 NIDDK MEDICAL STUDENT RESEARCH PROGRAM IN DIABETES AND OBESITY

The Medical Student Research Program in Diabetes is sponsored by the National Institutes of Health through the NIDDK and allows medical students to conduct research under the direction of an established scientist in the areas of diabetes, hormone action, physiology, islet cell biology or obesity at an institution with one of the [NIDDK-funded Research Centers](#) during the summer between the first and second year or second and third year of medical school.

Prior research experience is not required.

In addition to working on his/her own research project, each student attends a series of web-cast seminars addressing various clinical and research aspects of diabetes mellitus and its complications. At the conclusion of the summer, each student presents a brief summary of his/her work at a scientific symposium for all Program participants in Nashville, TN (August 2-3, 2017).

Link to the application: <https://redcap.vanderbilt.edu/surveys/?s=HYFTLEPTTD>

Application deadline: January 30, 2017 at 11:59 pm CST

Important information:

- Must spend 2-3 months in the Program
(commencement and conclusion dates reasonably flexible)
- Stipend of approximately \$1950 per month for food and housing, etc.
- Students must find housing (Diabetes Centers will help)
- - Must attend research symposium August 2-3, 2017 in Nashville, TN
(travel allowance provided)
- Student must be a US citizen or permanent resident

Questions: niddk.diabetes.student.research@vanderbilt.edu

Women in Medicine LGBTQ Leadership Scholarship

Our organization, Women in Medicine (WIM), would like to announce four \$5,000 LGBTQ Leadership Scholarships available for medical students this year. Women in Medicine is an organization which through its annual conference, provides a supportive empowering and educational environment for lesbian and other sexual minority female physicians including residents and medical students.

The application is on the WIM website (www.womeninmedicine.org), and is **due February 1, 2017**. The scholarships will be presented at the WIM annual meeting, which will be held in Burlington, VT, May 31-June 4, 2017, with the expectation that the medical students must attend the conference and be present to receive their awards. Applicants should be in good academic standing, and have actively contributed/demonstrated leadership for the LGBTQ community.

ASTRO Minority Summer Fellowship Award

Now accepting applications! The deadline to submit an [application](#) is Friday, February 10, 2017. <https://www.astro.org/Patient-Care/Research/Funding-Opportunities/ASTRO-Minority-Summer-Fellowship-Award/>

The ASTRO Minority Summer Fellowship Award introduces medical students from backgrounds that are [under-represented](#) in medicine to the discipline of radiation oncology early in their

medical education. Medical students in all years are encouraged to apply; preference will be given to first- and second-year students. In an effort to promote radiation oncology as a career choice, the fellowship will provide medical students with an experience designed to expose students to clinical, basic and translational research questions in radiation oncology. Members of ASTRO's Committee on Health Equity, Diversity and Inclusion are assigned as liaisons to past and present Minority Summer Fellowship awardees to check in periodically throughout the year, gain feedback on the fellowship experience and help provide a mentorship opportunity as awardees advance in their training and enter into radiation oncology.

The following requirements must be met for a trainee to be considered for the grant:

- Applicant must be enrolled in a U.S. medical school and be in good standing at the time the application is submitted.
- Applicant must be able to identify a mentor with a successful record of research productivity (more information is in the application).
- Either the primary mentor or co-mentor should be an ASTRO member.
- Research must be initiated at a North American institution during the summer of 2017.
- The selected institution must have an established research and clinical program and an ACGME-accredited radiation oncology residency program with clinical faculty available to serve as mentors.
- Letters of commitment from both the mentor and the department chair at the selected institution must accompany the application. The letter of commitment from the mentor should ensure the institution is able to fund the project.

STIPEND and PAYMENT SCHEDULE

The ASTRO Minority Summer Fellowship Grant will offer two students a \$4,500 package that includes a \$3,500 stipend for the eight-week training program (exceptions can be made for a longer program and will need to be approved by ASTRO's Committee on Health Equity, Diversity and Inclusion) and \$1,000 toward the cost of travel to the 2018 Annual Meeting.

National Eye Institute (NEI) – Diversity in Vision Research and Ophthalmology

The mission of the NEI is to conduct and support research that helps prevent and treat eye diseases and other vision disorders. Because we believe that a diverse group of scientists plays a crucial role in accomplishing this mission, NEI seeks to increase the number of African-American, Latino/Hispanic, Native American, and disabled scientists in vision research by promoting career development opportunities for science students interested in pursuing a career in research.

Training Assignments

DIVRO offers participants the opportunity to work closely with leading NEI scientists. Training typically begins in May or June of the selection year for 8-12 weeks on the NIH campus in Bethesda, MD. Students are provided a monthly stipend that is commensurate with experience and qualifications. The program is designed to:

- Provide hands-on training in a research environment and an opportunity to present scientific research at NIH Poster Day.
- Prepare students to continue their studies and advance their career in clinical and basic research.
- Apply knowledge gained during their academic studies to actual experiences in a laboratory.

Eligibility Requirements

Students 16 years of age and older who are enrolled at least half time in high school or in an accredited U.S. college, university, or medical school.

Completed course work relevant to biomedical or statistical research.

Cumulative grade point average (GPA) or science course GPA of 3.2 or better on a 4.0 scale.

U.S. citizen or permanent resident.

Must not have a relative who works for the NEI.

Application Process

Complete online application, by March 1, 2017 for the *NIH Summer Internship Program* at training.nih.gov/programs/sip

In Question #9 designate: National Eye Institute (NEI) as your Preferred Institute.

In your Cover Letter, please specify your interest in the NEI DIVRO program.

Additionally, applicants must contact Dr. Cesar Perez-Gonzalez (cesarp@nei.nih.gov) once the online application is completed.

Candidates will be selected based on their academic achievements, personal goals, interests, and letters of recommendation. The number of positions varies every year.

Information about the NEI: www.nei.nih.gov

Information about the summer program: