

RESEARCH OPPORTUNITIES FOR LSU MEDICAL STUDENTS

FINDING A FACULTY MENTOR

LSUHSC Faculty Interests Database -

www.medschool.lsuhs.edu/faculty_interests/SearchResearch.aspx

LOCAL OPPORTUNITIES

LSUHSC Summer Internship Program – Funding from the NIH National Heart Lung and Blood Institute supports summer research for LSU medical students in clinical or laboratory research related to cardiovascular, pulmonary or hematological disorders.

Short Term Research Training for Medical Students – Funding from the NIH National Institute of Diabetes and Digestive and Kidney Diseases supports summer research for LSU medical students in clinical or laboratory research at LSUHSC-NO or the Pennington Biomedical Research Center (Baton Rouge). Students can work on research related to obesity, diabetes and kidney diseases.

Medical Student Alcohol Research Internship – Funding from the National Institute of Alcohol Abuse and Alcoholism supports summer research for LSU medical students in clinical or laboratory research related to diseases caused by alcohol abuse.

Short-term Research Experiences in Cancer – Funding from the Stanley Scott Cancer Center supports medical students to work in clinical or laboratory research within the Cancer Center.
http://www.medschool.lsuhs.edu/cancer_center/sumresearch11.aspx

NATIONAL OPPORTUNITIES

National Institutes of Health - Summer programs at the National Institutes of Health (NIH) provide an opportunity to spend a summer working at the NIH side-by-side with some of the leading scientists in the world, in an environment devoted exclusively to biomedical research. The NIH consists of the 240-bed Mark O. Hatfield Clinical Research Center and more than 1200 laboratories/research projects located on the main campus in Bethesda, MD and the surrounding area as well as in Baltimore and Frederick, MD; Research Triangle Park, NC; Phoenix, AZ; Hamilton, MT; Framingham, MA; and Detroit, MI.

Awards cover a minimum of eight weeks, with students generally arriving at the NIH in May or June. The NIH Institutes and the Office of Intramural Training & Education sponsor a wide range of summer activities including lectures featuring distinguished NIH investigators, career/professional development workshops, and Summer Poster Day.

<https://www.training.nih.gov/programs/sip>

NIH Medical Research Scholars Program – is a comprehensive, year-long research enrichment program designed to attract the most creative, research-oriented medical, osteopathic, dental, and veterinary students to the intramural campus of the NIH in Bethesda, Md. Scholars engage in a mentored basic, clinical, or translational research project in an area that matches their personal interests and goals. <http://www.cc.nih.gov/training/mrsp/index.html>

Howard Hughes Medical Institute Summer Medical Fellows Program – provides an 8-10 week research experience for medical students in the labs of HHMI researchers. Online applications are available in November, the application deadline is February 15. Stipend of \$5,000 and \$1,000 relocation allowance. This fellowship program is primarily aimed at those students who wish to explore the summer research experience with the intent of applying to a year-long (HHMI) research training program
http://www.hhmi.org/grants/individuals/medfellows_summer.html

Alpha Omega Alpha – Student Research Fellowship This award supports a continuous research period lasting 8-10 weeks, 30 hours or more per week, for clinical investigation, basic laboratory research, epidemiology, or social science/health services research. 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. Recipients receive a \$5,000 stipend and up to \$1,000 additional for travel expenses to present research results at a national meeting. First, second, and third year students from school with active AQA chapters are eligible.

Proposals must be submitted to the councilor before December 31, 2010 and the final application to the national office must be postmarked no later than January 31, 2011. For additional updated information and application materials, go to:
http://www.alphaomegaalpha.org/student_research.html

American Academy of Neurology (AAN) Medical Student Summer Research Scholarship for Members of the AAN's Sign Interest Group in Neurology (SIGN) (must have a chapter at your home institution) are offered a summer stipend of \$3,000 to conduct a project in either institutional, clinical or laboratory setting where there are ongoing programs of research, service or training, or a private practice. Up to 20 scholarships are awarded through a U.S. institution of the student's choice with a project jointly designed by the student and sponsoring institution. One student per school selected. February 1 deadline
<http://www.aan.com/science/awards/?fuseaction=home.info&id=58>

American Association of Neurological Surgeons (AANS) Medical Student Summer Research Fellowship ○ The American Association of Neurological Surgeons (AANS) through the Neurosurgery Research and Education Foundation is offering the AANS Medical Student Summer Research Fellowship (MSSRF) program. The fellowship is open to first and second year medical students in the U.S. and Canada who wish to spend a summer (minimum of two months) working in a neurosurgical laboratory, mentored by a neurosurgical investigator who is a member of the AANS and will sponsor the student. Fifteen MSSRF awards are given at \$2,500 each year but only one fellowship will be awarded per school. Application deadline: February 1
<http://www.aans.org/en/Grants%20and%20Fellowships/Medical%20Students%20Summer%20Research%20Opportunities.aspx>

American Association of Thoracic Surgery (AATS) Summer Intern Scholarship Program ○

This program is not only research based, more exposure to the field of cardiothoracic surgery. The Summer Intern Scholarship program introduces the field of cardiothoracic surgery to first and second year medical students over the course of 8 weeks during the summer (June thru September) working in an AATS' members cardiothoracic surgery department. There is a stipend of \$2,500 for living expenses along with complimentary registration to the association's annual meeting. Application deadline: January 15, 2011
<http://www.aats.org/research/Grants/Summer-Intern-Scholarship.html>

American College of Rheumatology – Abbott Medical Student Research Preceptorship

This award introduces students to the specialty of rheumatology by supporting a full-time research experience for 8 weeks. Preceptors are responsible for selecting student applicants and must be ACR members. Preceptors are limited to two students each summer and must complete the online application. There is a \$3,000 student stipend, opportunity to receive complimentary registration and reimbursement for up to \$1,000 in travel expenses to attend the ACR/ARHP Annual Scientific Meeting.

Application deadline: February 1, 2011 for April 1, 2011 funding, Early May for July 1 funding
<http://www.rheumatology.org/ref/awards/summerresearch.asp>

American Society of Hematology (ASH) Trainee Research Award Program - Only

hematological projects (i.e., adult hematology, pediatric hematology/oncology, hematopathology, blood banking/transfusion medicine) are eligible to be funded. Either laboratory research or clinical investigation is appropriate. The mentor **MUST** be a member in good standing of ASH at the time the application is submitted and remain a member of ASH for the duration of the Trainee Research Award term. Research **MUST** be conducted at an institution that has an active second year medical school hematology course or an active hematology or hematology/oncology fellowship. Deadline for applications: March 16; notification of award: May.

<http://www.hematology.org/Awards/Trainee-Research-Award/2627.aspx>

Center for Injury Research and Policy – Medical Student Injury Research Training Program

- provides research training to future physician-investigators while introducing them to the field of injury research and prevention. This program gives medical students the opportunity to conduct their own research under the supervision and guidance of CIRP faculty and researchers. There is a \$3,500 stipend and free housing for the summer. Application deadline: February 10, 2012; notification of award: March 9, 2012. <http://injuryresearch.net/studentprogramapplication.aspx>

Wilderness Medical Society Research in Training Awards - fosters awareness and

appreciation among healthcare professionals and scientists for the research of health-related concerns in outdoor and wilderness activities. The awards are selected on a competitive basis to provide funding for a research project in the field of wilderness medicine. The successful applicant will submit a project proposal likely to result in a substantive contribution to the field of wilderness and environmental medicine. The successful applicant will be expected to conduct a well-defined project during the ensuing year and present an abstract of his/her findings at a future WMS Annual Meeting. Deadline for proposals is January 16.

http://wms.org/research/Research_Grant_Application2012.pdf

Emergency Medicine Foundation – Medical Student Research Grant - the Emergency Medicine Foundation (EMF) and Society for Academic Emergency Medicine (SAEM) jointly award stipends to encourage medical students to engage in and to be exposed to emergency medicine research. Application deadline: January 9, 2012; notification of award: May 2012
<http://www.emfoundation.org/EMFGrants/>

Endocrine Society Summer Research Fellowships - encourage promising students to pursue careers in endocrinology. These fellowships provide support for undergraduate, medical and 1st year graduate school students to participate in research projects under the guidance of Society members. Deadline for applications: February 17, 2012; notification of award: March 23, 2012
http://www.endo-society.org/awards/research_fellowship/summer.cfm

Aging Research Program (MSTAR) An 8-12 week structured research, clinical and didactic program in geriatrics, appropriate for a medical student's level of training and interested. Students may train at a National Training Center supported by the National Institute on Aging and can find the list of optional places on the website. Any student in good standing who has completed one year of medical school may apply. Students receive a stipend of approximately \$1,748/month. Students must secure a Faculty Sponsor from the home institution with work relevant to geriatrics and/or gerontology. Application deadline is January 31, 2012. For additional updated information:
<http://www.afar.org/research/funding/mstar>

Infectious Diseases Society of America (IDSA) – Medical Scholars Program ○ Scholarships are offered to medical students with mentorship by an IDSA member or fellow. Students may be in any year of medical school. The scholarship activity must focus on pediatric or adult infectious diseases and may involve either clinical or research activities. Acceptable clinical activities can range from a preceptorial relationship with an ID consultant to participation in clinical trials or any other appropriate variant of clinical activities. Proposals will be classified as belonging to one of the following categories: Laboratory Research (domestic), Clinical Research, and International. Multiple students working on the same project may apply but must submit separate applications. Each scholarship recipient will receive \$2,000. Application deadline March with winner notified the following May
<http://www.idsociety.org/Content.aspx?id=1852>

American Vascular Association - The Student Research Fellowship, established by the SVS® Foundation, stimulates laboratory and clinical vascular research by undergraduate college students and medical school students registered at universities in the United States and Canada. Each award consists of a US \$3,000 student stipend and a two-year complimentary subscription to the *Journal of Vascular Surgery*®. The SVS Foundation grants a maximum of eight awards per year. The Research and Education Committee is responsible for the selection of students to receive these awards. Application deadline is March 17.
<http://www.vascularweb.org/about/SVSFoundation/Pages/student-research-fellowship.aspx>

AMA –Seed Grant Research Program - to address the need for research support for physicians, the AMA Foundation established the Seed Grant Research Program in 2000 to encourage medical students, physician residents and fellows to enter the research field. The program provides \$2,500 grants to help them conduct small basic science, applied, or clinical research projects. These funds will round out new project budgets, rather than sustain current initiatives. Application deadline is in December each year, with recipients announced in March.
<http://www.ama-assn.org/ama/pub/about-ama/ama-foundation/our-programs/medical-education/seed-grant-research.page>