

STEM Internships, Scholarships, Research, & Other Opportunities

INTERNSHIPS & VOLUNTEERING (PHS Health mostly)

[School of Medicine Summer Medical Dental Education Program](#) June/July

A rigorous six-week program funded by [The Robert Wood Johnson Foundation](#) for pre-medical and pre-dental students with classes in the basic sciences and direct observations with a physician in a clinical setting. Open to freshmen or sophomores who are U.S. citizens or hold permanent resident visas, are members of a group that is racially/ethnically underrepresented in medicine or dentistry, or comes from a disadvantaged background, and demonstrates an interest in addressing underserved populations. Stipend \$600 plus housing and meals.

dimensions of forest and wildland resource management. Students participating in the program about ecology, forest, range and wildlife management, measurements, forest operations and production. At the end of the eight-week program, students will have broad, working knowledge of concepts and techniques used by wildland resource managers. The experience of studying these topics in a field inevitably enriches students' subsequent academic studies. More information may be found on our website <http://nature.berkeley.edu/espm/summercamp/main.htm>. If you have questions, feel free to contact Forestry Field Program Director Kevin Ohlraa at KOhlraa@berkeley.edu or Forestry and Natural Resources Undergraduate Advisor Wang Moy at evaw@berkeley.edu

Emory University MDSEE Program

Emory University's Office of Summer Programs is pleased to announce the MD Summer Experience at Emory.

Much more than a shadowing program, MDSEE offers genuine clinical experience, classroom guidance, presentations, and a vigorous look at current issues and practices in medicine. This course will cover variable topics of special interest in the field of Clinical Neurology. Undergraduate students will have an opportunity to correlate experience with actual patients with the science behind the diagnosis. During time in the clinics, students will act as a patient assistant, helping patients who may have partial loss of sensation. They will learn the basics of the Health Insurance Portability and Accountability Act (HIPAA) and will record patients' history and neurological findings while performing real-examinations. Each student will be assigned a Clinical Neurology faculty mentor who will help with writing and poster projects. Publication of student work will be encouraged by the faculty mentor.

For more information, please visit www.mdsummer.emory.edu

Questions? summerprograms@emory.edu or 404.727.0671

The preferred application deadline is March 3

Pre-Dental Clinical Internship in Private Practice

Dr. Edward Matsuishi, D.D.S. and Dr. Nicholas Ching, D.D.S. are licensed pediatric dentists practicing in Cerrito at one of the best pediatric dental practices in California.

For long, full-

a cover letter to and submitting early is highly recommended. Please send your resume

you to spend eight weeks in Northern and possibly Central California developing leadership, political analysis, research, and organizing skills while working with community-based organizations

Questions?

Contact Liz Kroboth liz@sharpinternship.org

RESEARCH & PRESENTATIONS

NCTR Toxicology Research Position Available!

Summer research opportunities are available at the National Center for Toxicological Research (NCTR), U.S. Food and Drug Administration (FDA) in Jefferson, Arkansas. This program is designed for science and mathematics students preparing for future careers in toxicology, regulatory science, or related disciplines. Selected individuals will participate in research projects on the biological effect of potential toxic chemicals and the solutions to toxicology problems that have a major impact on human health and the environment.

The appointment period is for up to 10 weeks beginning in May. The participant will receive a stipend depending on education level and experience. For additional information about this opportunity, FDA, please visit <http://www.orau.org/science/education/internships/scholarships/fellowships/description.aspx?JobId=14519>

2016 NCCACS Annual Surgical Trainee Research Paper Competition

The Northern California Chapter of the American College of Surgeons (ACS) is pleased to announce the Surgical Trainee Research Paper Competition.

This **CALL FOR ABSTRACTS** invites residents, fellow trainees, medical students, and other surgical trainees to submit original work in the broad areas of surgical basic science and clinical investigation.

Abstract Eligibility:

Questions: Contact Christina McDevitt, nccacs@att.net

UCSF CTSI Summer Clinical Research Training Program Health Professions

The University of California, San Francisco (UCSF) Clinical and Translational Science Institute (CTSI) Training Program offers a summer clinical research training program for currently enrolled undergraduate students who are planning to attend dental, medical, nursing, pharmacy or physical therapy professional schools after graduation, and who have an interest in a career in clinical research. Students will

inviting 425 young women from the East Bay community. We are recruiting both undergraduate and logistics volunteers. Undergraduate mentors will be assisting workday leaders as eating lunch with the girls. Logistics volunteers will be doing various tasks throughout the conference. Volunteers can sign up for either morning or afternoon help if they are not available all day. We have the undergraduate mentors available all day (7:30 AM - 4:30 PM). Sign up under the volunteer tab at www.eyhberkeley.org

International Medical Conference March Volunteers Needed!

An international medical conference will be taking place in San Francisco. They are seeking undergraduate and graduate level students to volunteer at the conference in exchange for free admission, workbooks, and a \$100 per day! One of the missions of the conference is to educate health sciences students. Volunteer activities will be structured such that students will have opportunities to participate in conference activities. For more information, check out the conference website at iacfsmc.org or email Lily at lilyxchu@gmail.com

ADEA Virtual Pre dental Fair

Registration is now open for the ADEA Virtual Pre dental Fair. This fair is free and open to all pre dental students and advisors! The day event will allow students and advisors to chat live with admissions officers, watch presentations about financing their education, network with peers, and more. For more information, the flier can be found at www.adea.org/pre dental virtual fair today!

UCSF Pharmacy Information Day (SF)

The role of pharmacists in health care is changing and the demand for pharmacy professionals continues to grow. Today's pharmacists, critical members of the health care team, serve as health promoters, prevention specialists, health maintenance and chronic disease managers and health informationists. We hope you will consider attending Pharmacy Information Day to discover pharmacy as a career.

pharmacy Register [at eventbrite](#) now to secure your spot! For more information please visit the NCC website [here](#) or email ncpps.ucberkeley@gmail.com

Project Vision presents "Early Treatment of Eye Disease in Youth"

Vision problems that arise in early childhood insidiously alter a child's academic growth. About 20% of school-age children suffer from undiagnosed vision problems, the most prevalent disability of 0-4 year olds.

Jet Propulsion Laboratory Summer Faculty Research Program

For more information, visit <http://jsfrp.jpl.nasa.gov>

Applications are currently being accepted for NASA's Jet Propulsion Laboratory 2014 Summer Faculty Research Program. This program provides opportunities for science, technology, engineering and mathematics, or STEM, faculty to engage in research of mutual interest to the faculty member researcher. Non

internship will be the first step toward a career at NASA, or within the science and engineering community. USRP internship opportunities are offered year round in the Fall, Summer and Spring.

The USRP experience is a NASA internship that places qualified undergraduates with outstanding mentors in a challenging working environment. Students from around the country work on a NASA project developed to meet the needs and goals of the NASA Center and Mission Directorate. Through the USRP website students apply for the internship program and NASA mentors select students for available positions. The USRP website is also a valuable resource of information in regards to NASA internships, NASA Centers and NASA research focus areas. Research NASA's wide variety of scientific and technical research areas through the USRP website and find your career vision through a NASA USRP internship.

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Time commitment

Chabot Space & Science Center internships are 6 months long (full or part time). However, the duration and hours required may vary depending on internship area. International students are invited to apply. College credit may be available through your college or university.

<http://www.chabotspace.org/employment.htm>

CCWinter/FASTRACT Winter Research Program for Community College Students

2013 Winter Internship for Community College Students at the UC Davis Center for Biophotonics and Technology (CBST) in Sacramento. As many of you know, this program is intended for community college students transferring to UC Davis.

For details and application information, please visit <http://cbst.ucdavis.edu/education/community-college/internship-community-college/programdetails>

The NSF Engineering Research Center for Sensorimotor Neural Engineering (CSNE) is a global hub for delivering neural-inspired sensorimotor devices

Summer opportunity (Seattle, in state for WA, but out of state are also encouraged to apply!) Are you interested in a paid summer research experience? Find out more about the Undergraduate Programs (<http://www.csne-erc.org/education/undergraduateprograms>).

The applications for the CSNE summer REU program are at <http://www.csne-erc.org/node/14/summer-research-program-application>

STEM Teachers Scholarships

<http://www.afcea.org/education/scholarships/undergraduate/TeachersScholarship.asp>

SCIENCE, MATHEMATICS, AND RESEARCH FOR TRANSFORMATION (SMART)

<http://smart.asee.org/> > <http://smart.asee.org>

Paying For College Student Resource Guide:

<http://roybal-allard.house.gov/uploadedfiles/20122013payingfor-college.pdf>

MALDEF The Latino Legal Voice for Civil Rights in America:

<http://www.napavalley.edu/StudentServices/TRIO/Documents/Scholarship%20Information/MALDEF%20Scholarship_List_2010_2011.pdf

<http://maldef.org/leadership/scholarships/resources>

Advancing Hispanic Excellence in Technology, Engineering, Math, and Science, Inc.:

<http://www2.lanecc.edu/sites/default/files/mcc/chicanolatinoscholarshipinfo.pdf>

Davidson Institute for Talent Development <http://www.davidsongifted.org/fellows>

Scholarships by Major

<http://www.scholarships.com/financial-aid/college-scholarships/scholarships-by-major/library-science-scholarships>

12 Scholarships for Hispanic Students Interested in STEM <http://www.usnews.com/news/blogs/stem-education/2011/12/15/12-scholarships-for-hispanic-students-interested-in-stem>

San Francisco International Airport (SFO) seeking students to be part of our Summer Student Engineering Program Internship. Accepting applications to fill our summer internship positions in the following areas:

- x Architecture
- x Civil, Electrical & Mechanical Engineering
- x Computer Science/Information
- x Geographic Information Systems
- x Traffic Engineering

Please view the full job scope of the Student Internship Program for specific details and the requirements on how to apply <http://www.sfstudentintern.org/>

The Cornell University LSAMP Summer Undergraduate Research Program accepting applications!

CU LSAMP offers participants:

A research stipend of \$3,400

A roundtrip travel stipend up to \$300 for students living outside of Ithaca, NY

A double room in a residential hall

A campus bus pass or a campus parking pass

Access to state-of-the-art laboratories, libraries, computer/study lounges, etc.

Please visit <http://www.engineering.cornell.edu/diversity/summer/lsamp.cfm> for more information about the program and to apply.

The Center for Energy Efficient Electronics Science (E³S) is accepting applications for summer internship positions at UC Berkeley, MIT, and Stanford.

What is the E³S Summer Research Program? - A week program that introduces energy efficient electronics science to undergraduates who are interested in pursuing a Ph.D. in science and engineering. Summer interns have the opportunity to join E³S researchers working in a collaborative and innovative environment to make fundamental breakthroughs in the underlying physics, chemistry, and material science of elect>BDC 8(e)-?-1(nt>BDCs-8(7TJ /TTh)-1(c(l)-fr6-1(c(l)f71.53(i)-(i)-1(n)10(6003 T)2(um)6(m)6(e)6(r)-2(1

The University of Southern California Center for Dark Energy Biosphere Investigations (CEBI), funded by the NSF offers an all-expense paid four-week intensive introductory course, Global Environmental Microbiology (GEM).

Where: University of Southern California

Who: Undergraduates from 2-year colleges

Cost FREE, including travel, plus modest stipend

How to apply: Application available on

line <http://www.darkenergybiosphere.org/education/undergrads.html>

Note: First generation college, women, and underrepresented students encouraged to apply

The Dwight Look College of Engineering at Texas Tech University

The [MCHC/RISE Program](#) is a 10-week summer program. The MCHC/RISE Program is designed for undergraduates in their junior and senior year, and recent baccalaureate degree students (with 3-6 months of MCHC/RISE program orientation) who are interested in learning about preventing health disparities. Public health experiences offered to students are:

1. **Clinical/Community** Students rotate through clinical experiences provided by Maternal and Child disciplines (pediatrics, psychiatry, neurology, physical therapy, occupational therapy, nutrition, social work, psychology, speech/language, special education and nursing). In addition, students have planned experiences in providing community health care and support systems for underserved groups.
2. **Community Engagement and Advocacy** Students work with professionals in the University Center of Excellence in Developmental Disabilities, Public Health and related systems on the formation, implementation and evaluation of health care and disability regulations and practice guidelines. The critical role of engaging underrepresented communities in shaping responsive systems of care receives a special emphasis.
3. **Research** Students work with research mentors on a wide range of public health prevention, treatment and epidemiological studies. Students receive training in conducting community-based participatory research, which engages communities that are currently underserved by mainstream systems.

A \$3,500 stipend is provided to all program participants. Student housing and round-trip travel for out-of-state applicants is also available.

Website: kennedykrieger.org/RISEUP

Questions: MCHGRISEUP@kennedykrieger.org

Internship #2

The [Dr. James A. Ferguson Emerging Infectious Diseases Fellowship](#) is a nine-week summer program that begins May 26, 2014 and ends July 25, 2014. The Ferguson Fellowship is for students currently enrolled full-time in a medical, dental, pharmacy, veterinary, or public health graduate program who are interested in learning more about the area of infectious diseases and health disparities. Fellows also gain clinical experience and develop leadership skills.

Program Benefits:

- x A \$4,000 stipend is provided for all participants.
- x Housing and round-trip travel are also available for out-of-state students.
- x Sponsorship to attend a national scientific meeting following abstract submission
- x Sponsored membership in the American Public Health Association (APHA)

Website: kennedykrieger.org/Ferguson

Questions: Ferguson_Fellowship@kennedykrieger.org

Internship #3

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