

**SUMMER INTERNSHIPS & PROGRAMS**  
**for Students Interested in the Health Professions**

In an effort to provide current and specific information about internships and programs that may be of interest to students who are exploring a career in the health professions, the Office for Pre-Health Advising has put together the following list. Clearly, it is not a comprehensive list; however, we hope that it will serve as one resource for your exploration and investigation. Please note: Once you have identified entries of interest, please check for further information and/or applications in the binders in the office at Main N-162 or call (or e-mail) the organization directly. Pay close attention to deadlines!

Other sources for information include the Career Development Office, the Vassar Science Department offices as well as individual faculty. For information on the Vassar URSI program you may consult the URSI website at [www.vassar.edu/ursi/](http://www.vassar.edu/ursi/). Best wishes for a productive and engaging summer!

Lisa Kooperman, Director  
Office for Fellowships and Pre-Health Advising  
(845) 437-5263 / e-mail: [likooperman@vassar.edu](mailto:likooperman@vassar.edu)  
<http://deanofthecollege.vassar.edu/fellowships>

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*\*Note: DEADLINGS FOR THE FOLLOWING PROGRAMS ARE APPROXIMATE AND MAY REFLECT PAST DEADLINE DATES. IT WILL BE YOUR RESPONSIBILITY TO CHECK IN THE CORRESPONDING SHELF BINDER, OR THE PROGRAM WEBSITE TO CONFIRM ACTUAL DEADLINE DATES FOR THIS YEAR.*

*\*\* INDICATES OPPORTUNITIES OR PREFERENCE SPECIFICALLY TO MINORITY GROUPS*

**NEW YORK CITY**

**ALBERT EINSTEIN COLLEGE OF MEDICINE**

1. **\*\*Albert Einstein College of Medicine Diversity Student Summer Research Opportunity Program (DSSROP)** - 9-week summer program of experience and participation in a biomedical research project for students of African-American, Latino/Hispanic, and Native American heritage. Preferred that applicant is either a sophomore or junior in college, have taken at least one year of biology and general chemistry with lab and have at least a 3.0 GPA. Participants will have to present their research work at a poster session and write a report concerning the research conducted. Awards a \$3,000 stipend. Travel costs may be reimbursed. Meals, health insurance and incidental costs are the student's responsibility. Free housing available on campus for students unable to commute. Contact: Nilda Soto (Assistant Dean). Tel: 718-430-3091. E-mail: [soto@aecom.yu.edu](mailto:soto@aecom.yu.edu). Deadline: March 1.

**AECOM OFFERS MANY OTHER SUMMER PROGRAMS - SEE BINDER IN OFFICE FOR DETAILS.**

2. [Albert Einstein College of Medicine Summer Undergraduate Research Program \(SURP\)](#) Program is designed for undergraduate students who have a strong interest in a research career in the biochemical or biological sciences and whose future education goals include studying for a Ph.D. or an M.D.-Ph.D. 50 students chosen. Preference will be given to students who are presently juniors. Awards a \$3,000 stipend, up to \$500 in transportation assistance for students living outside NYC metro area, free housing on campus. Apply on-line. Email: [surp@einstein.yu.edu](mailto:surp@einstein.yu.edu). Deadline: February 1, 2012.

3. **\*\*[Albert Einstein College of Medicine Emergency Department Clinical Exposure and Mentoring Program](#)** Program is designed for college (Freshman through Senior) and pre-medical post-baccalaureate students and students intending to reapply to medical school after one unsuccessful application. Volunteer in a busy urban emergency department, shadow a board certified emergency medicine physician, conduct clinical research. Must be member of an underrepresented group. Contact: Joanne Perrineau (Program Coordinator). Tel: 718-920-6626. Email: [JPerrine@montefiore.org](mailto:JPerrine@montefiore.org). Rolling admission.

4. **\*\*[Albert Einstein College of Medicine of Yeshiva University Hispanic Center of Excellence Summer Undergraduate Mentorship Program](#)** - 6-week mentorship program for rising sophomores and higher (June 17 – July 29) that requires a minimum 30-hour per week commitment, 6 hours per week commitment to a shadowing experience with an assigned mentor and 14 hours per week of lecture attendance. Additionally, students are expected to conduct a research project while in the program. Must have at least 1 year in science, be member of an underrepresented group or financially disadvantaged and have GPA of at least 2.5. Upon completion, students will be awarded a \$1000 stipend. No housing provided. Contact: Hope Spano. Tel: 718-430-2792. Email: [hcoe@einstein.yu.edu](mailto:hcoe@einstein.yu.edu). Deadline: March 21.

**\*\*[Association of Hispanic Healthcare Executives Summer Mentorship Program \(AHHE\)](#)** - Program provides the opportunity to learn more about major issues, skills and responsibilities involved in a career in healthcare administration. 14-hour week, Mon. - Fri. with a 3-6 month commitment. Available year-round. Tel: 212-877-1615. E-mail: [ahheinnyc@aol.com](mailto:ahheinnyc@aol.com)

ALSO: AHHE Summer Enrichment Program- A 12- week internship position, June through August, for a college junior or senior, a first year graduate student, or a second year health administration graduate student, interested in learning about a career in health services management. Must have GPA of 2.5 or better and qualify as a member of an ethnic minority group. For application call 1-800-233-0996.

**[Brookhaven National Laboratory Summer Undergraduate Laboratory Internship \(SULI\)](#)** - The U.S. Department of Energy (DOE) has established a national program titled the Science Undergraduate Laboratory Internship (SULI). Under it, Brookhaven National Laboratory (BNL) and other labs offer student appointments for spring, summer, and fall terms. Participants will be associated with members of the scientific and professional staff in an educational program developed to give research experience in areas of chemistry, physics, engineering, biology, nuclear medicine, applied mathematics, high- and low-energy particle accelerators, and science writing. The application process runs on a 12-month cycle, this means that applications open on June 1 and will close around May 20. Contact: Mel Morris Tel: 631-344-5963.

City of New York Department of Health & Mental Hygiene Health Research Training Programs (H RTP) Full-time, 10-12 week internships in public health research, community outreach and education, fieldwork, laboratory work and administration to undergraduates. Student participates in a project under the direct supervision of experienced public health professionals who are recognized experts and leaders in their fields of public health practice. Projects are located at the Dept. or other health-related institutions. No housing provided. Email: [h rtp@health.nyc.gov](mailto:h rtp@health.nyc.gov).  
Deadline: February 15, 2012.

#### COLUMBIA UNIVERSITY

1. [Columbia University/Barnard College Amgen Scholars Program](#) -10-week undergraduate research program in NYC. Must be willing to work about 40 hours per week on an independent study project under the guidance of a research scientist. Must be US citizen and a sophomore, junior or non-graduating senior to apply. Stipend is \$4,000 plus housing. Contact: Chanda Springer  
Email: [amgen@biology.columbia.edu](mailto:amgen@biology.columbia.edu) or Tel: 212-854-2262. Deadline: February 1.

2. [\\*\\*Columbia University College of Physicians and Surgeons Summer Medical and Dental Education Program \(SMDEP\)](#) A free 6-week summer program for underrepresented students considering medical and dental careers. Program offers intensive, personalized medical school preparation. Stipends and housing provided. Applicants must be US citizens or permanent residents, be currently enrolled as a freshman or sophomore in college, GPA of 3.0 or better, SAT scores of 950 or better. On-line application available in December. Tel: 1-866-587-6337.  
Email: [smdep-ps@columbia.edu](mailto:smdep-ps@columbia.edu) Deadline: March 1 (postmark).

3. Columbia University School of Dental and Oral Surgery - For undergraduate students who are interested in dentistry are welcome to observe in one of the clinics anytime and for any length of time. Students must put their request in writing. Contact: Ellen Watts, Dir. of Admissions, Columbia Univ. School of Dental & Oral Surgery, 630 E. 168 St., New York, NY 10032.

#### CORNELL UNIVERSITY

1. [\\*\\*Cornell University, Rockefeller Univ. & Sloan-Kettering Institution \(Tri-Institutional MD-PhD Program\) - Cornell/Rockefeller/Sloan-Kettering Gateways to Laboratory Program](#) - 10-week intensive summer program for 15 underrepresented minority and disadvantaged college students who wish to pursue the combined MD-PhD degree. For freshman and sophomore college students. Students work independently on a research project at Weill Cornell Medical College, The Rockefeller University or Memorial Sloan-Kettering Cancer Center. They must also present and participate in weekly journal clubs; participate in a hands-on tour of the Gross Anatomy Lab; sit for a mock MCAT exam; partake in a lab techniques, clinical skills and career development workshops; scrub into surgeries at the New York-Presbyterian Hospital; give an oral, written and poster presentation of their research; have on going mentorship by their "Big Sib" (a current MD-PhD student) as well as weekly meetings with the program's leadership. Students receive a stipend of \$4,300 and are reimbursed for their travel expenses. Must be US citizen or permanent resident, have completed a college level calculus class, have minimum GPA of 3.0. Tel: 212-746-6023 or 1-888-U2-MD-PHD Email: [mdphd@med.cornell.edu](mailto:mdphd@med.cornell.edu)  
Deadline: February 1 (applications available for 2012 program by December 1).

2. **Cornell University Graduate School of Medical Sciences Advancing Cornell Career Experiences for Science Students (ACCESS) Summer Research Program** - Geared toward minority students who have completed their sophomore or junior years of college with a GPA of 3.0 or above; must be US citizen or permanent resident. The goal is to foster an interest in biomedical research leading to doctoral training. Program runs from June to August. Stipend is \$3,000 for 10-week program, travel expenses up to \$300, free on-campus housing provided for participants from outside the NYC area. Contact: Francoise Freyre (Asst. Dean) Tel: 212-746-6565 or Email: [ffreyre@med.cornell.edu](mailto:ffreyre@med.cornell.edu) Deadline: February 1.

3. **Cornell University/Travelers Summer Research Fellowship Program for Premedical Students** - 7-week program designed to give 25 premedical students, who have completed junior year in college, deeper insights into the field of medicine, including issues that greatly affect the health of traditionally underserved groups. Must be US citizen. Stipend is \$140/week plus free housing in dorm (meals not included). Contact: Carlyle Miller, MD (Assoc. Dean) Tel: 212-746-1057. Deadline: February 1.

**Gerstner Sloan-Kettering Graduate School of Biomedical Sciences Summer Undergraduate Research Program** - This ten-week research program is designed for approximately 20 outstanding undergraduate students who are interested in pursuing a career in biomedically related sciences. The ten-week summer undergraduate research program begins on the first Monday in June and runs for ten consecutive weeks. Stipend of \$3,000 and housing offered. Email: [surp@sloankettering.edu](mailto:surp@sloankettering.edu). Tel: 1-646-888-6639. Deadline: February 1, 2012.

**Long Island Jewish Medical Center (Auxiliary of) - Service Guild** - Over 1,000 volunteers during the summer, which includes pre-med and high school students. Volunteers serve in their two gift shops, Ambulatory Services, various offices, Child Life in Schneider Children's Hospital and many other positions. Apply in person to the Volunteer office Monday through Friday, 10am - 3pm, 270-05 76<sup>th</sup> Ave., New Hyde Park, NY 11040-1433 Tel: 516-470-7090.

**Mount Sinai Summer Undergraduate Research Program (SURP)** - The Program begins on the first Monday of June and runs for 10 full-time consecutive weeks. For freshman, sophomores or juniors with a minimum GPA of 3.5 motivated toward research. Should have completed at least general biology, general chemistry, calculus, and organic chemistry. \$3,500 stipend and subsidized housing. Email: [grads@mssm.edu](mailto:grads@mssm.edu) Tel: 212-241-6546. Deadline: February 1.

**New York College of Podiatric Medicine Summer Pre-Matriculation Program** - A six-week program for prospective or entering students designed to improve academic performance and expose participants to the environment of the podiatric medical school. The three components of the program are introduction to pre-clinical sciences, clinical exposure, and learning skills. The program fee is \$700. Student is responsible for room & board and transportation. Tel: 1-800-526-6966. Email: [enrollment@nycpm.edu](mailto:enrollment@nycpm.edu). Rolling admission

#### NEW YORK UNIVERSITY MEDICAL CENTER

1. **NYU Medical Center - Sackler Institute of Undergraduate Biomedical Sciences Summer Undergraduate Research Program (SURP)** 9-week research internship program in the basic medical sciences for qualified sophomores and juniors who are interested in pursuing research careers (MD/PhD or PhD). \$3,000 stipend plus round-trip travel expenses to NYC and housing. Open to all U.S. and international students who are currently attending a U.S. college or university. Underrepresented minority students are encouraged to apply. Must have 3.4 GPA or better and at least 1 full semester of bench laboratory research Tel: 212-263-5648. E-mail: [sackler-info@med.nyu.edu](mailto:sackler-info@med.nyu.edu) To download an application go to website. Deadline: February 1.

2. **\*\*NYU Medical Center - Minority Summer Undergraduate Collaborative Research Program in the Graduate Biomedical Sciences** - For minority students who have completed their sophomore or junior years and are interested in pursuing careers in the biomedical sciences (MD-PhD/PhD). Begins first week of June to first week in August. \$2,500 stipend plus travel and housing. Contact: Margaret Haynes, Ed.D., MPH, Assoc. Dean, Dir., Office of Minority Affairs and Student Services, Summer Undergraduate Research Program, NYU School of Medicine, 550 First Ave., LH Room 4-32-0, New York NY 10016. Tel: 212-263-5506. Deadline: February 1.

3. **Bellevue Hospital Center Summer Internship- Project Health Care (PHC)** - Project Health Care is a volunteer program centered around the Department of Emergency Services. Gives students in health care the opportunity to work with the medical staff in a municipal hospital. The program will begin in the first week of June and end in mid-August for the duration of 10 weeks. Please note housing is not provided. Contact: Ashley Colucci Tel: 212-562-3041. Email: [bellevuepavers@nyumc.org](mailto:bellevuepavers@nyumc.org) Deadline: February 11.

**North Shore University Hospital Research Internship Program** - The Volunteer Research Internship program consists primarily of undergraduate pre-medical students who are seeking both research experience and clinical exposure. Interns have a unique opportunity to observe not only physicians, but also a busy emergency department. A research intern's responsibilities include completing literature searches, patient screening tasks, data management duties as well as some basic scholarly writing. For further information regarding the Volunteer Research Internship, please contact: Kirstie Fung ([kfung1@nshs.edu](mailto:kfung1@nshs.edu); 516-562-1235), Libby Barton ([ebarton@nshs.edu](mailto:ebarton@nshs.edu); 516-562-1223) To apply for the Volunteer Research Internship, please send your most recent résumé, cover letter, and unofficial transcript to Kirstie Fung ([kfung1@nshs.edu](mailto:kfung1@nshs.edu); 516-562-1235).

**Northern Lights Alternatives** - Volunteer program dedicated to the purpose of improving the quality of life of children, families and caregivers affected by HIV. Tel: 212-557-1535. Email: [info@northernlightskids.org](mailto:info@northernlightskids.org)

**\*\*Optometry (SUNY College of) Collegiate Science and Technology Entry Program (CSTEP)** - Designed to increase the exposure and awareness of the profession of Optometry. Minorities and economically disadvantaged students are encouraged to apply. Winter Internship Program will be held in January. \$200 stipend. Must be a NYS resident and a sophomore or junior. Contact: Carlos A. Restrepo (Dir. of Student Services) Tel: (212) 938-5505. E-mail: [crestrepo@sunyopt.edu](mailto:crestrepo@sunyopt.edu). Deadline: December 3.

**Project AHEAD (Asian Health Education and Development) / Charles B. Wang Community Health Center Undergraduate Internship Opportunity** 8-week health career training program in Manhattan designed to provide students with first-hand exposure to the health field. Eligible students must be undergraduate students, have an interest in health or allied health careers and have an interest in and some knowledge of Asian American communities. Provides stipend. Applications available on-line under section titled Health Careers. Tel: 212-966-0461 ext 6360. Deadline: February 18.

## SUNY DOWNSTATE MEDICAL CENTER

1. **\*\*Undergraduate Summer Research Program** -An 8-week research opportunity for sophomore and junior undergraduates. Designed for undergrads that have historically been underrepresented in the biomedical and health related professions. Students work under the direction of a faculty member in either basic science or clinical departments. A formal presentation of the summer's work is made at our Research Symposium. Awards a \$3,000 stipend. Housing is not provided. Contact: Anika Daniels-Osaze, Asst. Dir. of Minority Affairs and Dir. of Academic Enrichment Programs, College of Medicine, SUNY-Health Science Center at Brooklyn, 450 Clarkson Ave., Box 1186, Brooklyn, NY 11203. Tel: 718-270-3033. Deadline: March 1, 2012.
2. **\*\*SUNY Downstate Medical Center's Early Medical Education Program (EME)** - Six-week summer program designed for undergraduates to get a close-up view of six different health professions, opportunities for hands-on learning and shadowing in the clinics of Downstate Medical Center. Underrepresented minority students encouraged to apply. Tel: 718-270-3851 Deadline: February 1, 2012.

## NEW YORK STATE

**\*\*Buffalo, State University of New York Children's Summer Treatment Program (STP)** - An 8-week summer day program for children with Attention-Deficit Hyperactivity Disorder (ADHD), Conduct Disorder (CD), or Oppositional-Defiant Disorder (ODD). Positions are for undergraduate students and recent graduates in Psychology, Special Education, Premedicine, Child Development, Social Work, and related fields. May work as a research assistant for course credit, as a special education / developmental aide or as an undergraduate counselor for either course credit or a stipend. No housing provided. Contact: Briannon O' Connor, (Undergraduate Coordinator) Tel: 716-829-2244 ext. 5.

## ROCHESTER UNIVERSITY

1. **Rochester (University of) School of Medicine and Dentistry Summer Training Program: The Strong Children's Research Center Summer Internships** -10-week programs during June, July and August students who have completed their junior year in college with an interest and intent to pursue a career in medicine. This research center supports basic and clinical research directed to the causes, prevention and treatment of diseases in children. Stipend is \$300/week paid bi-weekly and housing for qualified applicants. Contact: Dawn Smith (Program Coordinator) Tel: 585-275-8447  
E-mail: [src@urmc.rochester.edu](mailto:src@urmc.rochester.edu). Deadline: February 29, 2012.
2. **Rochester University Health Sciences and Medical Research Internships in London** - Application available online. Must print and send to Univ. of Rochester Center for Study Abroad and Interdepartmental Programs, Lattimore 206, PO Box 270376, Rochester, NY 14626-0376. No stipend. Fees & tuition required. E-mail: [abroad@admin.rochester.edu](mailto:abroad@admin.rochester.edu). Tel: 585-275-7532. Deadlines: April 1, October 31 and March 1.
3. **\*\*Rochester University Medical Center Summer Research Fellowship (SURF) Program** 8- week program provides strong and varied opportunities for research experience. Directed toward undergraduate minority students who have completed at least 2 years of college. \$2,700 stipend and housing provided. Application packets available starting in November. Contact: Robyn Carter-McFadden (Director of Education and Diversity Affairs). Tel: 1-585-275-2928.  
Email: [robyn\\_carter-mcfadden@urmc.rochester.edu](mailto:robyn_carter-mcfadden@urmc.rochester.edu). Deadline: February 4.

4. [Rochester Urban Fellows Program](#) - 10-week summer program designed for students attending Rochester area institutions and natives of Rochester. Accepts 20 students, provides stipend of up to \$2000 and housing on campus. Program emphasizes civic engagement and urban issues. Students will be placed in four-day a week paid fellowship in agencies in the city of Rochester. Other aspects of the program include weekly urban issues workshops and community based activities. Students conclude the summer by writing a paper based on their research and experiences and present their work at an end of summer symposia. Contact: Rochester Center for Community Leadership. Tel: 1-585-275-4085  
Deadline: February 28.

\*\*[Roswell Park Cancer Institute Summer Research Experience for Undergraduates](#) -10-week program for juniors interested in scientific research as a possible career. Minorities encouraged to apply, \$10 application fee. Must be US citizen or permanent resident. Stipend awarded plus room board and travel expenses. Tel: 1-800-ROSWELL X8134 or 716-845-8134. E-mail: [jenna.ferrentino@roswellpark.org](mailto:jenna.ferrentino@roswellpark.org).  
Deadline: February 25.

## NEW JERSEY

\*\*[Princeton Summer Undergraduate Research Experience \(PSURE\)](#) – 9-week program for up to 20 undergraduate sophomores or juniors with a serious interest in pursuing a Ph.D. and following a career in college or university teaching and research. Each student will work with a Princeton faculty member as a research assistant in a lab project (science and engineering) or as an advisee in writing research papers (humanities and social sciences). Have to present final paper of no less than 20 pages at end of program. Awards a \$3750 stipend, housing, \$250 to cover food and up to \$500 to cover travel. Must be a U.S. citizen with a GPA of over 3.5 in major field. Students from racial/ethnic minorities or socioeconomically disadvantaged backgrounds are especially encouraged to apply.  
Deadline: February 1, 2012.

[Robert Wood Johnson Medical School \(RWJMS\) Summer Clinical Internship Program](#) – 2-week program for undergraduates and post-baccalaureate students interested in careers in medicine. Participants will shadow clinical faculty members at the medical facilities in New Brunswick, NJ. Distinguished faculty will host students. Students will be paired with faculty in specialties representing students' interests. Students will make brief presentations to their peers on topics selected and researched with the guidance of the faculty preceptors. Contact: Ms. Maggie Lyons Tel: 732-235-4587.  
Deadline: March 1.

## UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY (UMDNJ):

1. \*\* [UMDNJ Robert Wood Johnson Foundation Summer Medical Education Program \(SMDEP\)](#) 6-week summer academic enrichment program for freshmen and sophomores located at 11 sites nation-wide designed to assist minority students to pursue careers in the health professions. See website for specific living arrangements and finances for this site. Must be US citizen or permanent resident and have 3.0 overall GPA. Contact at this program site: Dolores Anthony-Leslie. Tel: 973-972-2396. Email: [anthond@umdnj.edu](mailto:anthond@umdnj.edu). Deadline: see website.

2. [UMDNJ Gateway to Dentistry Program](#) – 2-week interactive program created to give participants hands-on experience in dentistry and help them with future educational and career planning. Open to all undergraduates who have completed at least one semester and qualified recent graduates. Program offers two sessions: one in January and the other in May. Freshmen will be considered only for the May program. Participants are responsible for all personal expenses, including room and board and transportation. Must pay application fee of \$50. Contact: Maritza Camacho, Program Assistant. Tel: 1-973-972-1645. Email: [camachma@umdnj.edu](mailto:camachma@umdnj.edu) Deadline: March 1, 2012.

3. [UMDNJ Graduate School of Biomedical Sciences Undergraduate Summer Research Experience](#) – A 10-week program that provides the opportunity for undergraduates interested in Ph.D. degree programs and a career as a scientist/researcher in biomedical sciences to perform supervised research. Participants receive a \$3,500 stipend and housing is provided if needed. Maximum of 10 qualified candidates will be accepted. Must be a U.S. citizen or permanent resident to be considered for the program. Tel: 973-972-4511. Email: [marallma@umdnj.edu](mailto:marallma@umdnj.edu). Deadline: February 28.

### **EAST COAST - PENNSYLVANIA / NEW ENGLAND / MASSACHUSETTS/ CONNECTICUT / RHODE ISLAND**

[Aloha Foundation Wilderness Medicine & Leadership Training Courses](#) – State-of-the-art training programs for individuals interested in safety, wilderness medical care, professional rescues, and wilderness travel and navigation. Courses are run in partnership with SOLO, leaders in the field of rescue and emergency medicine both in the US and abroad. Programs are conducted at the Hulbert Outdoor Center at Lake Morey in Fairlee, Vermont. Contact: Lynn Daly (Registrar). Tel: 802-333-3405. Dates and fees vary by program. Check website.

[American Cancer Society \(Massachusetts Division\)](#) - The Massachusetts Division, Inc. of ACS selects research fellows for the Alvin T. and Viola D. Fuller Research Fellowship. The fellowship lasts a minimum of 10 weeks and allows participants to assist in cancer research. It carries with it a \$4,500 stipend. Applicants must be residents of New England (CT, MA, ME, NH, RI, or VT) and enrolled in a four-year undergraduate program. They may be attending college/university outside of New England. Minority students are encouraged to apply. Contact: Kathy O'Connor (Director of Cancer Prevention) Tel: 800-952-7664 ext. 3109. Deadline: February 11.

[Brandeis University Summer Premedical and Pre-dental Science Courses](#) - Two 5-week sessions with courses in biology, chemistry and physics. Tuition required, meal plans and on-campus accommodations available. Contact: Summer School Program – MS 085, Brandeis University, PO Box 9110, Waltham, MA 02454-9110. Tel: 781-736-2000. E-mail: [summerschool@brandeis.edu](mailto:summerschool@brandeis.edu). Check website for deadlines.

**\*\*[Brown University Leadership Alliance Summer Research Program \(Rhode Island\)](#)** (Designed to encourage highly motivated underrepresented students across all disciplines to consider academic careers in higher education. Stipend, room and board and round-trip airfare provided. Must be permanent resident or US citizen with GPA of 3.0 or higher. Email: [Barbara\\_Kahn@brown.edu](mailto:Barbara_Kahn@brown.edu) Tel: 401-863-1474. NOTE: Program sites are available throughout the U.S. See website for listings. Deadline: February 1, 2012.

[Whale Research Internship at The Whale Center of New England](#) Non-profit research organization of approx. 10 people involved with the study of behavior, ecology and natural history of whales and dolphins found in the waters off Cape Ann, MA. Internships for fall, winter and summer available. The Whale Center of New England internship provides experience needed to further pursue fields in marine biology and animal behavior. Interns live together in a common apartment and share cooking and cleaning duties. Rooms may be shared with one other person. A living arrangement such as this is



conducive to open discussion and interaction between peers, and home life is often a continuation of the day in the field. College credit may be arranged by the student through their department or as an independent research program at their college or university. A fee of \$1,250 is charged for housing and educational materials. Food stipend will be provided. Contact: Kelly Slivka (Intern Coordinator) Tel: 978-281-6351. E-mail: [kelly@whalecenter.org](mailto:kelly@whalecenter.org). Deadline: March 1, 2012.

## UNIVERSITY OF CONNECTICUT

1. [Schools of Dental Medicine & Medicine Undergraduate Summer Research Internships for Research in Biological and Biomedical Sciences](#) – A 10-week program for highly qualified and motivated students who have completed their sophomore year and have an interest in obtaining a Ph.D. in the biological and biomedical sciences. \$3,200 stipend provided but students are responsible for housing, meals and travel. To download information and an application see website. Contact: Tracy Dieli. Tel: 860 679-2487. E-mail: [dieli@uchc.edu](mailto:dieli@uchc.edu). Deadline: February 15.

2. **\*\*Schools of Dental Medicine & Medicine Summer Programs** -3 programs, with stipends, designed to stimulate the interest of minority students for the health professions described below. Contact for all three programs: Jan Figueroa. Tel: 860-679-3483. E-mail: [jfigueroa@nso1.uchc.edu](mailto:jfigueroa@nso1.uchc.edu)

- i. [Clinical Summer Research Fellowship Program \(CSRFP\)](#): 6-week summer program for rising sophomores, juniors seniors and recent grads with B average or better, interested in a medical career pr Ph.D. programs in biomedical or clinical research. Students are introduced to health disparities, cross-cultural issues, skills for public health research etc. Students perform clinical research and shadow in community health centers and clinics. Deadline: February 28.
- ii. [The Medical/Dental Preparatory Program \(MDPP\)](#): 6-week program. Track one is for students who will be taking MCAT or DAT in the all. Track two is designed to simulate the first year of medical and dental school for college sophomores, juniors and seniors. Students are also assigned a clinical preceptor to introduce them to clinical or dental medicine through case studies. \$600 stipend, room and board provided. Must have B average or better. Deadline: February 28.
- iii. [Summer Research Fellowship Program \(SRFP\)](#): 9-week program designed for college premedical/pre-dental students who have completed all requirements for medical and dental school. Spend period of program in the lab with a research scientist. 10 students are accepted each year. Minority Access to Research Careers (MARC) students are encouraged to apply. Stipend, room and board provided. Must have B average or better to apply. Deadline: February 28.

[Hartford Hospital Summer Student Fellowship Program for Pre-Medical Undergraduates](#) - Offers the student an introduction to research methodology, patient treatment, and ethical issues in medicine as well as exposure to a broad spectrum of health care providers within a large community teaching hospital. For undergrads completing their junior or senior year of college. Must have GPA of 3.5 or higher. \$1,500 award for 10-week period. Housing provided as needed. Interview required. Contact: Janet Hegeman. Email: [Jhegema@harthosp.org](mailto:Jhegema@harthosp.org). Tel: 860-545-2536. Deadline: February 11.

## HARVARD SCHOOL

1. **Harvard Medical School Summer Honors Undergraduate Research Program (SHURP)** -10-week program for college students belonging to minority groups that are underrepresented in the sciences, particularly those considering careers in biological or biomedical science research and have had at least one summer (or equivalent) of experience in a research lab. \$420/week stipend for 10-week period, housing, travel expenses and health insurance. Contact: Sheila Thomas. Tel: 617-432-1342 or 1-800-367-9019. Email: [SHURP@hms.harvard.edu](mailto:SHURP@hms.harvard.edu). Deadline: February 1, 2012.
2. **Harvard School of Public Health Summer Research Internship Program for Minority Undergraduate Students Division of Biological Sciences** – 9-week research internship program offering opportunities for full-time research in a graduate biological lab under the direction of a Harvard faculty member. Program seeks minority sophomores or juniors who are committed to research careers in biomedical sciences. \$3,460 stipend plus up to \$475 travel allowance and free housing. Must be US citizen. Contact: Audrey Harmon. Tel: 617-432-4397. E-mail: [aharmon@hsph.harvard.edu](mailto:aharmon@hsph.harvard.edu). Deadline: February 1, 2012.
3. **Harvard Medical School Summer Training in Academic Research and Scholarship (STARS) Program** – 8-week summer research opportunity at Brigham and Women’s Hospital (BWH) and Harvard Medical School for underrepresented minority undergraduate juniors and seniors or first year medical students. Students engage in basic, clinical or translational research projects under the supervision of BWH and Harvard Medical School faculty advisors. At the end of the program, students will share their findings during a program ending research presentation day. As well as conducting laboratory research, students will also receive professional development training, meet faculty from across the hospital and medical school, and participate in social networking events. Travel costs to and from Boston will be covered; free housing and \$3200 stipend. Must be a member of underrepresented minority group and US citizen or non-citizen national with permanent residence visa. Email: [BWHomc@partners.org](mailto:BWHomc@partners.org). Tel: 617-525-7646. Deadline: January 28.

**Hospital of the University of Pennsylvania Healthcare Career Track Program** - Offers college program track and premed program track for college students who are searching for volunteer positions that will allow exposure to careers in healthcare. College students, post-baccalaureate students and other candidates who are changing their career focus, and who are taking classes leading to a medical school, should apply to the premed volunteer program rather than the college volunteer program. Tel: 800-789-PENN. Deadline: Rolling

**Jackson Laboratory Independent Research Project/Summer Student Program** – 9-week program under the supervision of members of the research staff (students in the biological sciences and for medical, dental and veterinary students). Must be a citizen or permanent resident of US. Applications from minority students are strongly encouraged. Regular-start students will receive a total stipend of \$3,600, and early start college students will receive a total stipend of \$4,400; scholarships pay for room and board. Applications available online. Contact: Dr. Jon Geiger. Tel: 207-288-6250. Email: [summerstudents@jax.org](mailto:summerstudents@jax.org) or [jon.geiger@jax.org](mailto:jon.geiger@jax.org). Deadline: February 2, 2012 (postmark).

[Massachusetts Institute of Technology \(MIT\) Amgen Scholars Program](#) –A nation-wide undergraduate summer research program in science and biotechnology. Amgen scholars take part in important university research projects, gain hands-on lab experience, and receive guidance from faculty mentors. Applicants must be U.S. citizens or permanent residents. Open to sophomores and juniors with a minimum GPA of 3.2 and an interest in pursuing a Ph.D. or M.D.-Ph.D. Financial support varies by school. Tel: 617-253-7306. Email: [amgen-scholars@mit.edu](mailto:amgen-scholars@mit.edu). Deadline: February 1, 2012.

#### UNIVERSITY OF MASSACHUSETTS MEDICAL CENTER

1. [Summer Undergraduate Research Program](#) - 10-week biomedical research program, providing exposure to opportunities in research careers in areas relevant to cardiovascular, pulmonary and hematologic diseases and sleep disorders. Restricted to under-represented, disadvantaged, and disabled students. Must be US citizen or permanent resident. \$4000 stipend. Tel: 508-856-5033 or 877-395-3149. E-mail: [summer.research@umassmed.edu](mailto:summer.research@umassmed.edu). Deadline: March 15, 2012.

2. [Summer Enrichment Program \(SEP\)](#) – A tuition-free four-week residential program for undergraduate sophomores and juniors from under-represented or disadvantaged backgrounds interested in entering the health professions. Must be have graduated from a MA high school or be attending a MA college. Stipend awarded upon completion of program. Tel: 508-856-2707 or 1-877-395-3149 press 2. Email: [outreach.programs@umassmed.edu](mailto:outreach.programs@umassmed.edu). Deadline: March 15, 2012.

[New England Wildlife Center – Undergraduate Wildlife Medicine Internships](#) – 6-8 week undergraduate and graduate level internships in wildlife medicine and natural history. Students can expect that weekly time demands range between 40 and 60 hours per week. Although a rigorous internship, staff and Center attitudes are friendly, informal, helpful and appreciative. Housing is available on a limited basis for a fee of \$50 a month. Contact: Dr. Andrew Cartoceti (Internship coordinator). Tel: 781-682-4878 ext.114. Email: [Andrew@newwildlife.com](mailto:Andrew@newwildlife.com). Deadline: February 15, 2012 (summer session).

[Novartis Institutes for BioMedical Research \(NIBR\) Scientific Summer Internship Program](#) Internship in Cambridge, MA. Paid 40-hour per week program for students enrolled at an accredited university. Interns work on their own project under the guidance of a NIBR scientist. NIBR's research covers many disease, science, and technology areas, which allow us to closely match your specific interests with one of our labs. Applicants must have completed their sophomore year in college or university but not have graduated from a Master's degree program prior to the start of the internship. Financial support for housing and travel will be available based on non-discriminatory assessment of the applicant's financial need. Email: [future.talent@novartis.com](mailto:future.talent@novartis.com). Deadline: March 31, 2012.

[University of Pennsylvania Cancer Center Volunteer Program](#) – Volunteering opportunities include Outpatient Ambassador Program, Person-to-Person Program, Special Events and Community Outreach, Administrative Activities, Sewing, Knitting and Quilting and Reiki. Must be at least 18 years. Contact: Donna Griffith (Volunteer Director). Tel: 215-662-2576.

#### UNIVERSITY OF PITTSBURGH

1. **\*\*[University of Pittsburgh and Carnegie Mellon University Medical Scientist Training Program: Summer Undergraduate Research Program for Underrepresented Students \(SURPUS\)](#)**— A 10-week summer research and enrichment program for underrepresented minority students interested in careers as physician scientists; designed for freshmen, sophomores or juniors. \$4,300 stipend plus round-trip airfare provided. Must be US citizen or permanent resident. Tel: 412-648-2324. E-mail: [mdphd2@medschool.pitt.edu](mailto:mdphd2@medschool.pitt.edu). Deadline: February 15, 2012.

2. University of Pittsburgh Medical Center Internships – Call the Department of Volunteer and Guest Services at 412-624-2145 for information.

3. **University of Pittsburgh Summer Premedical Academic Enrichment Program (SPAEP)** –Two intensive 7-week programs designed for underrepresented minority high school seniors and college freshmen that are interested in medicine. This program focuses on strengthening academic skills, building motivation and providing broad exposure to the field of medicine. Level I is a classroom and lab-based program for freshmen and sophomores designed to strengthen academic skills; Level II offers a mentored biomedical research lab experience, admissions workshops and MCAT preparation. \$1,000 stipend plus room and board. Tel: 412-648-8987. E-mail: [diversityaffairs@medschool.pitt.edu](mailto:diversityaffairs@medschool.pitt.edu). Applications available on website. Deadline: check website.

4. **University of Pittsburgh Summer Undergraduate Research Program** –10-week program rising sophomores and juniors in college who are considering a graduate education in biomedical research. Students selected will conduct an independent research project under the guidance of a faculty member. \$3500 stipend. International students are eligible to apply if currently on an F1 or J1 visa. Minority students strongly encouraged to apply. Contact: Margaret Heely. Tel: 412-624-6828. Deadline: see website.

**Rhode Island (University of) Summer Undergraduate Research Fellowships Program in Oceanography and Ocean Engineering** – A 10-week program limited to US citizens or permanent residents designed to attract undergrads with outstanding academic qualifications and to involve them in oceanographic research. Targeted towards students completing their junior year. \$4500 stipend and housing assistance provided. Contact: Kim Carey (Program Coordinator) Tel: 401-874-6627. E-mail: [kcarey@gso.uri.edu](mailto:kcarey@gso.uri.edu). Deadline: March 15, 2012.

**Sleep for Science at E.P. Bradley Sleep Research Lab, Providence, Rhode Island – William C. Dement Summer Behavioral Sciences Research Apprenticeship** –Research focuses on sleep patterns, circadian rhythms and related processes in adolescents. Full-time beginning at the end of May. Located at Butler Hospital Campus. Participants expected to join Sleep Research Society for \$45 fee. \$3,300 stipend, housing not included. Contact: Dr. Carskadon. Tel: 401- 421-9440. Email: [mary\\_carskadon@brown.edu](mailto:mary_carskadon@brown.edu) or [melliott@lifespan.org](mailto:melliott@lifespan.org). Deadline: February 21.

**Smith Kline Beecham Pharmaceuticals Summer Internship Program** – Approx. 3-6 months, 35 hrs/wk. \$380-\$450/week. Candidates must have completed their sophomore year and be majoring in a technical or scientific discipline such as chemistry, biology, engineering or computer science. Applications must include a description of your research experience, current education level, graduation date, research interest area, position seeking and time available. Must have overall GPA of 3.0 or better. Contact: Marilyn Leggieri (Employment Administrator) Tel: 610-270-6143. Deadline: February.

**St. Mary Medical Center Pre-med Summer Program** –Summer program for students who have completed their second year of college with a GPA of at least 3.2 in a course of study that qualifies them for medical school entrance. Applications available in January. Tel: 215-710-2096. Email: [lschonewolf@stmaryhealthcare.org](mailto:lschonewolf@stmaryhealthcare.org). Deadline: June 1, 2012 .

**St. Vincent's Medical Center in Bridgeport, CT** – Invites college students considering the health professions to join their research team in the emergency department as Research Associates. RA's will be volunteering a minimum of one 4-hour shift per week. RA's will interact with large numbers of patients presenting with the range of problems seen in an inner city Emergency Dept. \$185 non-

refundable application fee for new applicants and \$50 for returning applicants. Must complete application, criminal background check and immunization form. Housing options available at Sacred Heart University and University of Bridgeport. However, these arrangements are between the RA and the residential life offices of the universities. If an applicant to the program is unable to secure housing, the \$50 administrative component of the application fee and any components of the Drug Testing and/or Criminal Background Check that have not been accessed will be refunded. 84 slots open. Email: [chiefRA@RAProgram.org](mailto:chiefRA@RAProgram.org). Rolling Admission: see website for final deadline.

[Temple U. School of Podiatric Medicine Summer Internship Program](#) - 8-day program in June. Attend workshops and seminars on podiatric medicine; shadow and work with podiatric physicians in a hospital, private practice and outpatient clinic settings. Must have completed 30 credit hours at an undergraduate institution. On-campus housing will be provided; interns are responsible for meals and other costs. \$100 deposit fee required if accepted into the program. Will be returned upon program completion. Tel: 215-625-5451 or 800-220-3338. Deadline: April 26.

#### TUFTS UNIVERSITY

1. [\\*\\*Tufts University & Sackler School of Graduate Biomedical Sciences: Building Diversity in Biomedical Sciences Summer Research Program for Undergraduates](#) – 10-week summer internship with a flexible starting date. Carry out research under the direct supervision of a faculty mentor, and present the results of their projects at a symposium at end of summer. Field trips and demonstrations of special techniques are also a part of the program. Targeted towards groups under-represented in biomedical or behavioral research, individuals who are members of economically disadvantaged families and disabled persons under-represented in the biomedical sciences. Must be US citizen. Stipend, travel assistance, and housing in university dorms are provided. Application forms are available on-line via the website, and from Wellesley Center for Work and Service Library and Sackler School Summer Research Program, Tufts U., 136 Harrison Ave., Boston, MA 02111-1800. E-mail: [sackler-school@tufts.edu](mailto:sackler-school@tufts.edu). Tel: 617-636-6767. Deadline: February 15, 2012.

2. [Tufts University School of Veterinary Medicine: Adventures in Veterinary Medicine \(AVM\) Program](#) – 1-week program is an opportunity to explore veterinary medicine and to discover if this career is right for you. \$40 application fee. Must pay tuition of \$990 when accepted. Includes lunches, program materials, activity and laboratory fees. No housing provided. Limited amount of financial aid in the form of partial tuition scholarships. Applications accepted starting November 1, 2011. Admission decisions made in January for all completed applications received and then continue on a rolling basis until all spaces are filled. Tel: 508-839-7962. E-mail: [avm@tufts.edu](mailto:avm@tufts.edu)

[\\*\\*Woods Hole Oceanographic Institution Summer Student Fellowships Programs/Minority Fellowship Programs in Oceanography](#) – Programs in chemistry, engineering, geology, geophysics, mathematics, meteorology, physics, biology, oceanography or marine policy. Each Fellow pursues an independent research project. Applications welcome from upper-class undergrads and first year grad students. International students accepted. Stipend is \$488/wk for 10-12-week program. Fellowship includes housing allowance for institutional housing. Additional support is offered for travel. Must be US citizen or permanent resident to apply for the minority program. Phone: 508-289-2219. Email: [education@whoi.edu](mailto:education@whoi.edu). Deadline: February 15, 2012.

For Minority Group Undergrads – Traineeships in Oceanography: The Institution offers special educational opportunities in oceanography for minority undergrads who are enrolled in US colleges/universities. Stipend provided. No deadline for traineeships. See website for application. Tel: 508-289-2219. Email: [education@whoi.edu](mailto:education@whoi.edu).

## WASHINGTON DC / MARYLAND / VIRGINIA

[Frederick Cancer Research & Development Center \(National Cancer Institute\)](#) – Paid positions designed to provide undergraduate students of science with first-hand lab experience under the guidance of a senior researcher. Outstanding students interested in pursuing careers in the biological, chemical and pharmaceutical sciences are invited to apply. Positions available for 10-12 weeks (40 hours/week) paid. Tel: 301-846-1000. E-mail: [hr@mail.ncifcrf.gov](mailto:hr@mail.ncifcrf.gov). Check website for deadlines and for available positions.

**\*\*[George Mason University Multidisciplinary REU Program in Computational Mathematics and Non-linear Dynamics](#)** – Nine-week research program. Will expose eight qualified mathematics undergraduate students and a K-12 teacher to advanced topics in mathematics, problem-solving techniques and multidisciplinary applications. Goal of program is to encourage students and teachers to learn by discovery and enhance their understanding of the multidisciplinary role of mathematics in engineering, science and medicine. Must be undergraduate students who have a strong background in advanced calculus, linear algebra and differential equations to apply. Stipend of \$3375, free on-campus housing and meals, and travel allowance up to \$550. Tel: 703-993-9787 or 703-993-9688. E-mail: [reu@math.gmu.edu](mailto:reu@math.gmu.edu). Deadline: see website.

**\*\*[Global Change Education Program \(GCEP\)](#)** – US Department of Energy –(Program provides undergraduate and graduate fellowships in support of the US Dept. of Energy's global change research activities. Mentoring, support, contacts and continuity opportunities provided. Minority and female students encouraged to apply. Must be a US citizen. For details and information and an application: SURE (undergraduate fellowships) & GREF (graduate fellowships) see website. Contact: Jeff Gaffney Tel: 501-569-8840. E-mail: [jsgaffney@ualr.edu](mailto:jsgaffney@ualr.edu) Deadline: see website.

## HOWARD UNIVERSITY

1. [Howard University Advanced Health Careers Enrichment Program](#) – An academically challenging and structured program designed to introduce pre-health professional students to the first year of health professions school. Must be a citizen or permanent resident of US, have minimum GPA of 2.8, and have completed the pre-requisites for health profession schools. Provides free tuition and room and board, and partial reimbursement for travel. Registration fee is \$375. Applicants will be reviewed and selected for participation weekly beginning February 1. Contact: Dr. Georgiana Aboko-Cole (Director) Tel: 202-238-2363. E-mail: [preprofessional@howard.edu](mailto:preprofessional@howard.edu). Deadline: see website.

2. [Howard University Amgen Scholars Program](#) –A nation-wide undergraduate summer research program in science and biotechnology. Amgen scholars take part in important university research projects, gain hands-on lab experience, and receive guidance from faculty mentors. Applicants must be U.S. citizens or permanent residents. Open to sophomores and juniors with a minimum GPA of 3.2 and an interest in pursuing a Ph.D. or M.D.-Ph.D. Financial supports varies by school. See website for contact information for this site. Deadline: February.

3. **\*\*[Howard University/Barbara Jordan Health Policy Scholars Program](#)**- 9-week program for students who are members of a minority group. Scholars work in a congressional office in Washington, DC to learn about health policy. Must be US citizen and a senior or recent graduate. Receive approximately \$7,500 in support, which includes: stipend of \$2,000 upon completion of the program; daily expense allowance for meals and local transportation; transportation/airfare to and from Washington, D.C.; and lodging at Howard University. Email: [bjscholarsinfo@kff.org](mailto:bjscholarsinfo@kff.org). Deadline: December 3.

[Johns Hopkins University School of Medicine Summer Institute in Anatomy for Undergraduates](#) –A four-week course designed to give juniors an introduction to all aspects of human anatomy, and includes demonstrations using human cadavers. Involves hands-on work, various imaging modalities and computer programs. 4 academic credits awarded upon successful completion of the course. \$50 non-refundable application fee. Must pay \$3800 tuition fee upon acceptance into the program. Costs about \$45 per night for housing on the university campus. Meal plans not available. No financial aid or scholarships awarded for this program. Contact: Ms. Arlene Daniel. Email: [adaniel@jhmi.edu](mailto:adaniel@jhmi.edu). Deadline: March 15, 2012.

[University of Maryland School of Medicine Summer Research Program/Volunteer Research Training Program](#) - 10- week supervised full-time research experience, meant to encourage students to consider the possibility of a career in biomedical or clinical research and/or academic medicine; and to provide students with a realistic understanding of the medical research environment. No stipend, but students may apply to their school for credit. Deadline: Rolling admissions.

**\*\*SMDEP** A 6-week academic enrichment program. Offers freshman and sophomore college students intensive and personalized medical and dental school preparation. Completely free - covers full tuition, housing and meals. Located at 12 medical school sites around the country. Tel: 866-587-6337. E-mail: [smdep@aamc.org](mailto:smdep@aamc.org). Early application encouraged! Deadline: March 1 (postmark).

[National Institute of Allergy and Infectious Disease Summer Internship in Biomedical Research](#) - 8-week program; 40-hour week, housing not included. Must be US citizen or legal resident. Stipend between \$1,800-\$2,000/month. Contact: Dr. Wendy Fibison, PhD. Tel: 301-496-6400. Email: [trainingcoordinator@niaid.nih.gov](mailto:trainingcoordinator@niaid.nih.gov). Deadline: March 1.

**\*\*National Institute of General Medical Sciences Pre-doctoral Fellowship Awards for Minority Students Individual National Research Service Award (NRSA)** –Provides fellowships for up to 5 years of support for research training leading to either the Ph.D. or M.D./Ph.D. Non-citizens nationals ARE eligible to apply. Non-citizen nationals are persons, who, although not citizens of the United States, owe permanent allegiance to the U.S. Application kits and other information may be obtained from: Division of Extramural Outreach and Information Resources, OER, NIH, Rockledge I, Suite 1120, MSC-7974, Bethesda, MD 20892-7974. Tel: 301-435-0714. Email: [GrantsInfo@nih.gov](mailto:GrantsInfo@nih.gov). Deadlines: April 5, August 5 and December 5.

**\*\*National Institutes of Health (NIH) Undergraduate Scholarship Program for Individuals from Disadvantaged Backgrounds (UGSP)** – Targets students with disadvantaged backgrounds that are committed to pursuing careers in health research or basic biomedical science research. 10-week paid, laboratory-based internship at NIH. Stipend is \$13-\$15 per hour and is a prerequisite to graduate school enrollment; after graduation there is a “pay back” requirement of one year of graduate school. Must be US citizen and have GPA of at least 3.5. Tel: 888-352-3001. E-mail: [ugsp@nih.gov](mailto:ugsp@nih.gov). Deadline: February 28.

[University of Virginia Mountain Lake Biological Station Summer Internship Program and Classes](#) – Intensive courses of study generally meeting for lecture and discussion in mornings and lab or fieldwork in the afternoons. Check website for applicable fees. Scholarships for tuition and service awards for room and board are available. Review of scholarship applications starts March 15. Tel: 434-982-5486. E-mail: [mlbs@virginia.edu](mailto:mlbs@virginia.edu). Course registration is open until the course fills, and as late as the day before the course starts.

**\*\* University of Virginia Mountain Lake Biological Station Research Experience for Undergraduates (REU):** Sponsored by the National Science Foundation this program brings undergraduate students from around the country together for an exciting 10-week summer program of guided, but independent, original research in field biology. Stipend: \$4,200. Room and board expenses are covered. Minorities encouraged to apply. Contact info same as above. E-mail: [mlbs-reu@virginia.edu](mailto:mlbs-reu@virginia.edu).  
Deadline: February 20.

**University of Washington Amgen Scholars Program** –Undergraduate summer research program in science and biotechnology. Amgen scholars take part in important university research projects, gain hands-on lab experience, and receive guidance from faculty mentors. Applicants must be U.S. citizens or permanent residents. Open to sophomores and juniors with a minimum GPA of 3.2 and an interest in pursuing a Ph.D. or M.D.-Ph.D. Financial supports varies by school. Check website for contact information for this site. Deadline: February 1.

## **MID WEST**

### **CASE WESTERN RESERVE UNIVERSITY**

1. **Case Western Reserve University Summer Research Programs** – Undergraduate summer research opportunities at the University, the School of Medicine, and the teaching hospitals around Cleveland. Many of the programs accept students from outside the University and the state of Ohio. Contact Office of Admissions. Tel: 216-368-3556. Email: [casemed-admissions@case.edu](mailto:casemed-admissions@case.edu).  
Not offered in 2012.

2. **Howard Hughes Medical Institute Summer Program in Undergraduate Research (SPUR)** – Research on bio-medically related projects. 10-week program. \$3,500 stipend and \$1000 housing allowance. Contact: Julia Brown. Email: [julia.brown@case.edu](mailto:julia.brown@case.edu). Tel: 216-368-3556. Not offered in 2012.

### **UNIVERSITY OF CINCINNATI COLLEGE OF MEDICINE**

1. **R.O.S.E. (Research, Observation, Service, Education) Program** – a unique early assurance program that attracts high-ability, pre-med students who are Ohio residents but attend colleges and universities throughout the country. ROSE students spend 8-10 weeks for two consecutive summers at the University of Cincinnati Academic Health Center. During the summer internships, students integrate experiences in biomedical or clinical research, observation of practitioners, service, and education. ROSE students are provided an early assurance acceptance to the College of Medicine, contingent on meeting academic and MCAT requirements. This program is designed for sophomore and junior level college students. Students must also have taken or earned equivalent credit for an entire year of biology and general chemistry (with corresponding laboratories) and at least one semester/quarter of organic chemistry. Students must be willing to commit at least two summers to a research internship. Tel: (513) 558- 5581. E-Mail: [hs2md@uc.edu](mailto:hs2md@uc.edu). Deadline: February 1, 2012, 5 PM.



2. [Summer Premedical Enrichment Program \(SPEP\)](#): Six-week residential summer program for undergraduate and post baccalaureate premedical students. Must have completed at least two years of college to apply. Students receive intensive exposure to medicine as a career through tours, speakers, seminars, and shadowing. Students are exposed to the medical school experience and the academic curriculum through a noncredit course in cardio physiology, extensive interaction with medical students and faculty, and detailed guidance through the medical school application process. Includes stipend of \$1,500, housing costs, books, lunch and transportation. Must be US citizen or permanent resident. Tel: 513-558-7212. Email: [Lathel.Bryant@uc.edu](mailto:Lathel.Bryant@uc.edu). Deadline: April 1, 2012.

3. [Summer Undergraduate Research Fellowship \(SURF\)](#) – (Hands-on research experience in one of our state-of-the-art biomedical research laboratories. Students will be matched with a research laboratory in one of our outstanding Graduate Programs in Biomedical Sciences for 10 weeks. A stipend is provided to help defray expenses. A wide range of research opportunities is available, ranging from molecular biology to animal physiology and behavior. \$4000 stipend. Tel: 513-558-5625. Email: [hildrele@uc.edu](mailto:hildrele@uc.edu). Deadline: February 15, 2012.

[Physician-Scientist Training Program](#) –For students who desire to obtain the M.D./Ph.D. Purpose is to introduce talented undergrads majoring in a chemical or life science to a career as a physician-scientist. \$3,000 taxable stipend for 8-week program. Contact: Dr. Leslie Myatt (Director). Tel: 513-558-2380. E-mail: [physician.scientist@uc.edu](mailto:physician.scientist@uc.edu). Deadline: February 15, 2012.

[The Edward M. Chester, MD Summer Scholars Program/Metro-Health Foundation](#) – Awards 15 collegiate undergraduate students the opportunity to spend 10 weeks over the summer in clinical laboratory research settings at MetroHealth Medical Center. Program is an opportunity for pre-medicine and scientifically-oriented students to explore the potential for a career in medical research or academic medicine. Scholars are assigned to a MetroHealth medical staff researcher who has developed the project on which the scholar will work and who will supervise the progress of the scholar's learning experience. Must have completed second year of undergraduate education in premedical or scientific studies. Must be a resident of Ohio or attend an Ohio college or university. Stipend award of \$2,500. Tel: 216-778-5946. Email: [rprudhoe@metrohealth.org](mailto:rprudhoe@metrohealth.org). Deadline: February 18.

[The Cleveland Clinic Center for Reproductive Medicine Summer Internship](#) – An exciting 8 week summer internship opportunity (June 6-July 29, 2011) for highly motivated, academically oriented medical or undergraduate students interested in a career in medicine. Students will develop an understanding of how reproductive research is conducted. Participants will also learn how to present research results in departmental meetings, prepare and present PowerPoint talks at research conferences, perform various data compilation and analysis techniques, and hone their public speaking skills. \$100 application fee. Must be US citizens or permanent residents. Research work conducted during the internship may qualify for undergraduate course credit(s). Successful completion of internship results in the award of a Certificate of Research Training from our Center for Reproductive Medicine. Tel: 216-444-9485. Email: [agarwaa@ccf.org](mailto:agarwaa@ccf.org). Deadline: March 15.

## UNIVERSITY OF IOWA

1. [Summer Undergraduate MSTP Research \(SUMR\) Program](#) –8-week program to provide an opportunity for highly motivated undergrads interested in pursuing combined M.D./PhD. training to conduct hands-on research with physician-scientists and exposure to clinical medicine and ER shadowing at the U. of Iowa. Must be permanent resident of the US. Intensive lab experience,

participate in weekly scientific seminar series and a clinical correlation lecture series. \$3,000 stipend plus room and board and travel allowance. Tel: 800-551-6787 or 319-335-6634.  
E-mail: [mstp@uiowa.edu](mailto:mstp@uiowa.edu). Deadline: January 23, 2012.

2. [Summer Research Experience for Undergraduates \(REU\) in Microbiology](#) -

Invites well-qualified undergrad students in microbiology and other biological sciences to apply for this 9-week program. \$3,900 stipend, free housing, travel costs paid for (student pays for housing and food out of this amount). Approx. \$1,600, additional funds provided for two semester hours of academic credit and travel to/from Iowa City. Contact: Dr. Michael Feiss. Tel: (319) 335-7810.  
E-mail: [undergrad-micro-info@uiowa.edu](mailto:undergrad-micro-info@uiowa.edu). Deadline: February 15, 2012.

[Marshfield Medical Research Foundation - Summer Research Internship in Laboratory Biomedical Sciences](#) -

The primary goal of the 12-week internship is to provide a “hands-on” research experience for college undergraduates, serving as a catalyst to encourage them to pursue careers in biomedical research or health care. The experience is targeted towards students who have completed their sophomore or junior years and have a firm science background, preferably with at least four semesters of science courses. Interns will work with a research scientist and his/her team on an independent project that is part of a larger research endeavor. Interns receive \$7.50 an hour for the 12-week program. Apartment housing available at no charge. Tel: 800-782-8581.  
Email: [coleman.laura@mcrf.mfldclin.edu](mailto:coleman.laura@mcrf.mfldclin.edu). Deadline: January 15.

## MAYO CLINIC

1. [Mayo Clinic Graduate School Summer Undergraduate Research Fellowship \(SURF\) and Summer Undergraduate Research Program \(SURP\)](#) – 10-week biomedical research program for college sophomores and juniors interested in pursuing a Ph.D. or MD-Ph.D. to spend the summer working in a Mayo basic science lab with well-funded research scientists using state-of-the-art equipment. Stipend is \$5,000, minus taxes. Summer housing costs about \$150/week. Contact: Glenda Mueller. Tel: 507-284-3862. Email: [gmueller@mayo.edu](mailto:gmueller@mayo.edu). Deadline: February 1, 2012.

2. **\*\*Mayo Minority Scholars Program/Health Careers Exploration Program and Cardiovascular, Respiratory and Hematologic Diseases Research Program** – Open to minority sophomore students who are interested in a career in health care or biomedical research. Stipend provided plus housing and travel costs. Fellowship begins in early June. Email: [gmueller@mayo.edu](mailto:gmueller@mayo.edu). Deadline: February.

**\*\*MEDPREP – Southern Illinois University school of Medicine Medical/Dental Education Preparatory Program** – Established in 1972 to provide assistance to educationally and economically disadvantaged students in preparing for and achieving success in health professions schools. Highest priority for MEDPREP participation is given to residents of central and southern Illinois. Must be a US citizen and educationally or economically disadvantaged and have a GPA of 2.0 or better. Check website for program costs and application fee terms. Tel: 618-536-6671. Email: [medprep@siumed.edu](mailto:medprep@siumed.edu). Deadlines: December 1, 2011 (cycle 1) and January 9, 2012 (cycle 2).

**\*\*Michigan State University Vetward Bound Program Summer Enrichment Program** – Assists minority and/or disadvantaged students who are seeking a career in the veterinary medical profession. Three program levels offered. Must have a GPA of 2.7 or better and be a US citizen. \$50/day stipend to help defray room and board costs in university residence housing. A partial travel allowance may also be rewarded. Application reviews for rolling admissions start February 1<sup>st</sup>. Limited spots are available. Tel: 517-355-6521. Email: [vetwardbound@cvm.msu.edu](mailto:vetwardbound@cvm.msu.edu). Deadline: March 26.

**\*\*Michigan (University of) Medical School and School of Dentistry Pipeline Program** – a 6-week residential program held from mid May through late June for college freshmen and sophomores. The purpose of the program is to improve the science skills of participants in chemistry, physics, and biology and to further develop their academic study skills. Travel to and from the University of Michigan, as well as on campus housing, is provided by the program for all participants. Participants will also receive a stipend to cover living expenses. Tel: 734-764-8185 (for pre-medical coordinator) or 734-763-3342 (for pre-dental coordinator). Deadline: February 16 (postmark).

**\*\*Michigan (University of) Medical School and School of Dentistry Profile for Success Program** – 7-week on-campus summer enrichment program for juniors and seniors from disadvantaged and underrepresented backgrounds. Prepares students for either the DAT or MCAT through classes and exposure research and medical/dental careers. Focus is on preparing students for the medical/dental school admission process. Stipend provided. Tel: 734-764-8185 (for pre-medical coordinator) or 734-763-3342 (for pre-dental coordinator). Deadline: February 16 (postmark).

**Milwaukee AHEC Community Health Internship Program (CHIP)**– A paid summer internship program for undergraduate and graduate students with an interest in public health. The six-week program links students with local health departments and health and human service organizations to work on a variety of public health projects. The internships are designed to provide students with real-world community health experiences related to their chosen career interest. Must be a resident of Wisconsin enrolled in a college program preparing for work in a health profession. Minimum GPA is 3.0. Provides a stipend of \$2,100. Tel: 414-344-0675. Email: [VThomas@milahec.org](mailto:VThomas@milahec.org). Deadline: February 25.

**Minneapolis Heart Institute Foundation Summer Research Internship Program** – 10-12 week full-time summer program for a diverse pool of interns based on a combination of demonstrated academic performance, leadership, and career aspirations in the field of cardiology and/or research. Open to undergraduate students in various health care disciplines. Stipend of \$8 per hour and paid parking. Interns must be present for orientation during the week of June 1-5, 2009. All internships will be on the campus of Abbott Northwestern Hospital in Minneapolis, Minnesota. Contact: Deanna Bulthuis. Tel: (612) 863-3833. Email: [dbulthuis@mhif.org](mailto:dbulthuis@mhif.org). Deadline: January 31.

**\*\*Minnesota (University of) Life Sciences Summer Undergraduate Research Program (LSSURP)** - Significant portion of funds are used for women and underrepresented groups interested in science and engineering. Must be a US citizen and have GPA of 3.3 or higher. Total compensation package for 10-week program is \$8,600 (includes tuition, housing, travel and a stipend). Housing is available in campus residence halls with ready access to computer labs, libraries, recreational facilities. 6 programs offered. Application available on website. Tel: 612-625-2275. E-mail: [summer\\_research@umn.edu](mailto:summer_research@umn.edu). Deadline: February 15.

## OHIO UNIVERSITY COLLEGE OF OSTEOPATHIC MEDICINE

1. **Ohio University College of Osteopathic Medicine Summer Undergraduate Research Fellowship (SURF)** – 8-week program provides a wide variety of summer research opportunities for undergraduate students interested in careers in medicine or biomedical research. Students work in a research lab under the guidance of a faculty member. Provides room and board and a living allowance of \$1,750. Students earn 8 quarter hours of biology credit and the potential for a guaranteed interview for the entering class at the medical school. Contact: OU-COM Admissions Office. Tel: 800-345-1560. Deadline: March 1, 2012.

2. [Ohio University College of Osteopathic Medicine Summer Scholars](#) –6-week summer program that is designed for rising seniors and beyond. The participants take course work they will see in the first year of medical school; gross anatomy, biochemistry, immunology, histology, integrated pharmacology and an introduction to case base learning. Courses are taught by the OU-COM faculty. The program also includes clinical shadowing and overview of research at the medical school. In addition, there is a guaranteed interview for the next entering class at the medical school (if eligible). The program includes room and board, a modest stipend, and a travel allowance to attend the program. Information and application materials for Summer Scholars can be found on the website. Contact: Michelle Pendergast ([pendergm@ohio.edu](mailto:pendergm@ohio.edu)) or Dr. John Schriener, Ph.D. ([schriener@ohio.edu](mailto:schriener@ohio.edu)) or Ginny Valentin [valentv1@ohio.edu](mailto:valentv1@ohio.edu). Tel: 800-345-1560. Deadline: March 1, 2012.

[Washington University Biomedical Research Apprenticeship Program \(BioMed RAP\)](#) –A 10-week summer research program for exceptional students interested in pursuing biomedical research careers. Designed to provide a rigorous, in-depth research experience to prepare participants for top-quality Ph.D. and M.D./Ph.D. programs in the biomedical sciences. Participants will conduct independent research with faculty mentors. Particularly seeks applicants who have overcome substantial educational, cultural or economic obstacles. Priority consideration given to applicants with at least one year of research experience. Tel: 314-362-7963. Email: [smithr@dbbs.wustl.edu](mailto:smithr@dbbs.wustl.edu). Deadline: February 1, 2012.

## SOUTH

### UNIVERSITY OF ALABAMA

1. \*\* [University of Alabama School of Medicine Summer Medical and Dental Education Program \(SMDEP\)](#) –Specifically designed for undergraduate students who are interested in pursuing a medical career. 6-week program focuses on academics, networking and student camaraderie. Must be US citizen, have GPA of 3.0 or better, and have a combined SAT or ACT scores of at least 950 or 20. Applications available on-line. Contact: Marsha Kelley-Sutton. E-mail: [mmep@uasom.meis.uab.edu](mailto:mmep@uasom.meis.uab.edu) Deadline: March 1 (postmark).

2. [University of Alabama Summer In Biomedical Science \(SIBS\) Undergraduate Research Program](#) - 8-week program for undergraduate students. Students will conduct lab research under the guidance of individual UAB faculty members and will have the opportunity to shadow a physician-scientist during their daily clinical work. Will receive \$2000 stipend and free on-campus housing. Must have completed at least sophomore year and have a GPA of 3.0 or higher. Previous research experience not required. Contact: Robin Lorenz (Director). Email: [rlorenz@uab.edu](mailto:rlorenz@uab.edu). Tel: 205-934-0676. Deadline: see website.

[Agency for Toxic Substances Disease Registry Research Participation Program](#) –Provides college students, faculty and recent post-grads with opportunities to participate in activities supportive of ATSDR's programs. ATSDR is a new agency of the Public Health Service and is based in Atlanta, Georgia. Appointments are normally 10 weeks to 1 year during the summer or academic year. Full and part-time appointments are available. Stipend provided as well as travel expenses for one round trip between home or academic institution. Tel: 865-241-1294. Email: [Melissa.Goodman@orau.org](mailto:Melissa.Goodman@orau.org). Deadline: see website.

## BAYLOR COLLEGE OF MEDICINE

1. [Baylor College of Medicine DeBakey Summer Surgery Program](#) – 8-week program. An effort to develop and maintain the interest of well-qualified young students who are considering a medically oriented career. Students are assigned a faculty member and will participate in surgical service activities. Housing not provided. Tel: 713-798-6078. E-mail: [studentprograms@bcm.tmc.edu](mailto:studentprograms@bcm.tmc.edu). Deadline: January 17, 2012.

2. [Baylor College of Medicine Summer Medical and Research Training \(SMART\) Program](#) –9-week program provides undergrads an opportunity to work with faculty members in research labs. Unique training in the area of biomedical research. Students must have minimum GPA of 3.0. Stipend provided; housing at reasonable cost. Non-US citizens may apply if they have valid documentation showing that they are allowed to work. Contact: Gayle Slaughter, Ph.D. (Program Director). Tel: 713-798-5915. E-mail: [smart-program@bcm.tmc.edu](mailto:smart-program@bcm.tmc.edu). Deadline: January 10, 2012.

[Frontier Nursing Service Courier Program](#) – 4-12 week program which provides students interested in healthcare an opportunity to work in a rural community in eastern Kentucky. Couriers have the opportunity to shadow a variety of nursing and medical providers. They perform a variety of tasks including transporting guests and or supplies, assisting with the upkeep of buildings/grounds and hosting functions, transporting vials of blood from a clinic to the Mary Breckinridge Hospital etc. Must be at least 18 years, have a valid drivers license and a vehicle. If participating in program for 4-8 weeks, must pay fee of \$42/week for room and board and if participating in program for full 12 weeks, must pay fee of \$500. Tel: 606-672-2317 E-mail: [information@frontiernursing.org](mailto:information@frontiernursing.org). Rolling admission.

[Summer Research in Investigative Biotechnology at Western Kentucky University](#) – Western Kentucky University seeks talented science students to participate in its summer program in investigative biotechnology. Preference is for rising juniors and seniors (younger students with research experience will be considered), who have completed core courses in the science curriculum at their home institutions and have demonstrated a curiosity and passion for science. Applications from students who are members of groups underrepresented in graduate education in the biological sciences are encouraged. Academically, students will be trained in research techniques, participate in exciting research (students can chose from over nineteen projects), and gain valuable presentation skills. Additionally, students will benefit from a series of workshops exploring ethics and preparing students to apply for and succeed in graduate school. Practically, students will receive a stipend of \$480 per week, free housing, meal and travel allowances, and lab supplies. Contact: Dr. Shivendra Sahi, Dr. Rodney King, Dr. Audra Jennings. Email: [shivendra.sahi@wku.edu](mailto:shivendra.sahi@wku.edu), [rodney.king@wku.edu](mailto:rodney.king@wku.edu), [audra.jennings@wku.edu](mailto:audra.jennings@wku.edu). Deadline: see website.

[Oak Ridge Institute for Science and Education \(ORISE\) at Oak Ridge National Laboratory Summer, Sabbatical and Part-Time Opportunities](#) - Paid research experience opportunities available with summer, full, and part-time appointments for undergrads, recent grads and graduate students majoring in science, engineering and math, which can be from 3 to 18 mos. continuously. Must have min. GPA of 2.5, and be US citizen or permanent resident. Graduate fellowships also available. Tel: 865-576-3424. E-mail: [westm@ornl.gov](mailto:westm@ornl.gov). Deadline: January 14.

\*\*[South Carolina \(Medical University of\) College of Graduate Studies Summer Undergraduate Research Program](#) – Opportunity for well-qualified juniors or sophomores to undertake an original research project as an apprentice to an active research scientist in basic bio-medical research. Minority groups encouraged to apply. \$4000 stipend or more for 10-week period plus \$500 in living expenses

awarded to accepted students who stay in dorm housing. Must be US citizen or permanent resident and have a GPA of at least 3.2. Contact: Debra A. Shoemaker (Director). Tel: 843-792-9620 or 800-589-2003. E-mail: [shoemakd@musc.edu](mailto:shoemakd@musc.edu). Deadline: January 31, 2012.

[South Carolina \(University of\) Pre-Medical Academic and Career Exploration Regional Series \(PACERS\) Camp](#) – Intensive week-long program designed to help upper-class pre-med students prepare to apply to med school. Focus is on career exploration, personal statements, med school interviews, and the transition to med school. Pay \$50 non-refundable deposit fee when applying, which will be applied to the \$615 registration fee. Must have minimum GPA of 3.0. Spaces reserved on a first come, first served basis. Contact: Lynn Gibson. Tel: 803-777-5581. Email: [slynn@sc.edu](mailto:slynn@sc.edu).

[Southwestern/Texas \(University of\) Medical Center at Dallas SURF/Summer Undergraduate Research Program for College Students](#) – Students gain hands-on experience in specialized training. Must have completed sophomore year and be US citizen or possess an F-1 visa. \$4000 stipend for the ten-week program. Stipend for SURF fellows who require SURF housing is \$5,250. Stipends must be used to cover all travel and living expenses during the fellowship. Contact: Nancy Street (SURF Director). Tel: 214-633-1311. E-mail: [SURF@utsouthwestern.edu](mailto:SURF@utsouthwestern.edu). Deadline: February 9, 2012.

[Texas \(University of\) Health Science Center at Houston Summer Research Program](#) – Offers opportunities to work with researchers in the Medical School, School of Public Health, School of Nursing, School of Allied Health Sciences and Dental Branch. Scientists in all of these schools are exploring and gaining new knowledge to more fully understand the human body to promote health and cure disease. Must be at least a sophomore, US citizen or international student enrolled in US academic institution, and have a min. GPA of 3.0, and have completed at least 12 hours in a science discipline. \$2,500 stipend, no travel or housing stipend. Housing near school available at reasonable cost. Contact: Ms. Linda Guardiola (Program Coordinator). Tel: 713-500-5334. E-mail: [summer.research@uth.tmc.edu](mailto:summer.research@uth.tmc.edu). Deadline: February 1.

[Vanderbilt Medical Center Summer Science Academy](#) – For students who have a strong desire to pursue an advanced degree (Ph.D. or M.D./Ph.D.). There are seven programs under the umbrella of the Summer Science Academy. Eligibility requirements vary by program. A student can apply for up to 3 different programs through the on-line application system. The student will conduct a research project during the summer under the supervision of a Vanderbilt faculty preceptor. Weekly seminars will be held for students to learn more about “cutting edge” biomedical research issues, ethics, science outreach, and making good scientific presentations. In addition, there will be several GRE preparatory seminars designed to help students’ achievement on the Graduate Record Exam (GRE). Attendance at all of these seminars is required. At the end of the summer session, students will have to present their project at a research symposium. Each student will receive a stipend determined by the specific program they enter (ranging from \$2500-\$4000). Some of the programs provide housing supplements as well. Students of an underrepresented ethnic background are strongly encouraged to apply. Contact: Tom Oeltmann, PhD (Biomedical Research, Education and Training). Tel: 615-322-7368. Deadline: February 1, 2012.

## **GEORGIA**

[Southwest Georgia Area Health Education Center](#) - Click on “Your Guide to Health Careers in Georgia”. This site is specific for health career information in the state of Georgia.

[CDC Summer Undergraduate Environmental Health Internship: Collegiate Leaders in Environmental Health](#) - 10-week summer program in Environmental Public Health at the National Center for

Environmental Health /Agency for Toxic Substances and Disease Registry (NCEH/ATSDR) in Atlanta, Georgia. Full time summer opportunity for rising juniors and seniors to get real-world experience in Environmental Public Health activities at the federal level. Students will participate in individual projects and will be paired with mentors in order to gain valuable experience in the fascinating field of Environmental Public Health. \$500 stipend per week. Required minimum GPA of 3.0. Visit website to learn more about the internship, environmental health, and previous intern projects. Contact: Cory Moore. Email: [CLEH@cdc.gov](mailto:CLEH@cdc.gov). Deadline: February 2.

## **NORTHWEST**

[Fred Hutchinson Cancer Research Center Summer Undergraduate Research Program](#) – For students interested in a career in biological research. Student and a sponsoring scientist will design a research project to be carried out by the student over the 9-week program. \$4,000 stipend provided, housing cost is \$1,300 for 10-week period including meal plan. Contact: Lori Blake. Tel: 206-667-4617. Email: [lblake@fhcrc.org](mailto:lblake@fhcrc.org). Deadline: January 20, 2012.

**\*\*Oregon Health & Science University Equity Summer Research Program** –8-10week program for rising sophomores and juniors interested in research and pursuing a graduate degree. Students will work on a specific project with faculty from a variety of departments (see website). Program also includes weekly seminars and personal mentoring. Applicants must have experienced significant economic or educational disadvantage. Must be a U.S. citizen and have completed at least 1 year of chemistry or biology. Stipend is about \$9.00 per hour. Some housing available. Contact: Laurie Mecham (Diversity Outreach Manager). Tel: 503-494-1681. Email: [mechaml@ohsu.edu](mailto:mechaml@ohsu.edu). Deadline: see website.

## **CALIFORNIA/WEST COAST**

[Amgen Scholars Programs in California](#) –A nation-wide undergraduate summer research program in science and biotechnology. Amgen scholars take part in important university research projects, gain hands-on lab experience, and receive guidance from faculty mentors. Applicants must be U.S. citizens or permanent residents. Open to sophomores and juniors with a minimum GPA of 3.2 and an interest in pursuing a Ph.D. or M.D.-Ph.D. Financial supports varies by school. This program is offered at six schools in California: California Institute of Technology, Stanford University, University of California, Berkeley, University of California, Los Angeles, University of California, San Diego, and University of California, San Francisco. Deadline: February 1, 2012 (for most programs).

**\*\*Arizona Heart Institute Foundation Cardiovascular Summer Student Program** –Pro bono six-week program designed to motivate and inspire college students considering a career in medicine. 8 students will be selected. Students attend lectures and participate in clinical rotations at both the Arizona Heart Institute and Arizona Heart Hospital. No housing or transport provided. Must be a rising sophomore and enrolled full time in a university or college. Tel: 602-604-5009. Email: [nashland@azheartfoundation.org](mailto:nashland@azheartfoundation.org). Deadline: March 11.

**\*\*Arizona State University Research Opportunities for Undergraduates (REU) -**

1. REU in Environmental Biology: Program offers opportunities for exceptional undergraduate students to gain experience conducting individual research projects. Student fellows will interact with other scientists, including graduate students, postdoctoral scholars and faculty who are conducting research.

2. REU in Urban Ecology: Undergrads are invited to apply to this program offering opportunities for exceptional students to gain experience inducting individual research projects. Must be US citizen or permanent resident. Minorities encouraged to apply.

## UNIVERSITY OF CALIFORNIA

### UCLA

1. **[University of California at Los Angeles School of Public Health Pre-Medical Enrichment Program \(PREP\) for Minority Students](#)** –7-week program designed to strengthen basic science, writing and test-taking skills. Provides students an opportunity to explore research in public health through career guidance and an internship program. Candidates must be from a disadvantaged background, be a US citizen or permanent resident, have a GPA of 2.5 (freshmen & sophomores) or 2.8 (juniors and above) or better. Will be responsible for housing, transportation and living expenses. Tel: 310-825-3575. Deadline: see website. Application for 2012 begins in January.

2. The David Geffen School of Medicine at UCLA is currently accepting applications for the following summer academic enrichment programs:

**[Premedical/Pre dental Enrichment Program \(PREP\)](#)** is a seven week summer academic enrichment program that targets students from disadvantaged/underrepresented backgrounds. Students are exposed to the rigors of academic medicine and dentistry. Included are preceptor ships with physicians in clinical and research settings. The program is enhanced by students being mentored in intimate, structured cluster groups by trained teaching assistants; accomplished medical students. The program is free, however housing is not provided. As stipend is given to students for living expenses.

**[Summer Medical Dental Education Program \(SMDEP\)](#)** is a six-week summer academic enrichment program that targets educationally and financially disadvantaged freshman and sophomore college students by providing intensive and personalized medical and dental school preparation. This national program is funded through the Robert Wood Johnson Foundation. The program is free. Provided are on campus housing and some meals.

### UCSF

1. **[University of California at San Francisco Summer Research Training Program](#)** – 9-week hands-on, research-oriented training program for individuals seeking Ph.D. and academic careers of professionals, scholars, or researchers in the health sciences. Applicants must be US citizens or permanent residents. Graduating seniors are eligible to apply – no freshmen. \$4000 stipend, \$1,300 subsistence, travel and housing are provided. Contact: Don Woodson. Tel: 415-514-0840. E-mail: [srtp@ucsf.edu](mailto:srtp@ucsf.edu). Deadline: February 1.

2. **[University of California at San Francisco AIDS Health Project Internship](#)** –1-year internship (32-hour week) opportunities. Interested in recent grads, but welcome mature undergrads. Designed to target college graduates who have an interest in the health professions, social services, or non-profit management. Helps groom future mental health and social service providers with expertise in HIV care. Past interns have gone on to enjoy successful careers in medicine, psychology, public health, social work, and public interest law. \$800 per month housing assistance. Tel: 415-476-3890. E-mail: [carol.music@ucsf.edu](mailto:carol.music@ucsf.edu). Deadline: check website.



**\*\*[Stanford University Summer Research Program in Biomedical Sciences \(SSRP\)](#)** - The Stanford Summer Research Program in Biomedical Sciences is a fully funded, eight week, residential internship program. It offers undergraduates who want to prepare for and enter Ph.D. programs in the biomedical sciences a unique opportunity for advanced research experience within a world-class university. Must be US citizen. Minorities encouraged to apply. If you have questions regarding the Stanford Summer Research Program, please contact: Anika Green (Director). Tel: 650-724-2815.  
Deadline: February 1, 2012.

**[University of Washington Amgen Scholars Summer Program](#)** –A summer research experience for sophomores, juniors or non-graduating seniors with an interest in pursuing a Ph.D or M.D.-Ph.D. Program enables students to explore connections between undergraduate major areas of study and graduate or professional work focused on biotechnology and related fields. Amgen Scholars receive housing, travel assistance, and stipends. Must be a U.S. citizen and have a cumulative GPA of 3.2 or above. Tel: 206-685-4240. Email: [uwamgen@u.washington.edu](mailto:uwamgen@u.washington.edu) . Deadline: February 1, 2012.

## **OTHER SUMMER PROGRAMS**

Vassar: **[URSI \(Undergraduate Research Summer Institute\)](#)** – Open to all Vassar students interested in the sciences. Vassar’s Undergraduate Research Program Institute is an intensive 10-week summer program in which Vassar students explore original hands-on scientific research under faculty direction. Approximately 30 students and 20 faculty from the Vassar community collaborate annually in the URSI program. Participants are engaged in the entire research process: they learn to formulate hypotheses, review scientific literature, develop experimental protocols, handle major instrumentation, gather data, analyze results, and present their findings. Application period: Feb. 1– 15, undergraduates only. Notification in late February.

**[Center for the Health Professions Website](#)** – UCSF –Center for the Health Professions | 3333 California Street, Suite 410 | San Francisco, CA 94118 | Tel: 415-476-8181

**[Institution for International Cooperation and Development /Community- Campus Partnerships for Health](#)** –Non-profit organization that promotes health through partnerships between communities and colleges.

**\*\*[Leadership Alliance – The Summer Research Early Identification Program \(SR-EIP\)](#)** – Offers underrepresented undergraduate students the opportunity to work for 8 to 10 weeks under the guidance of a faculty or research mentor at a participating institution. Encourages students in the sciences, social sciences and humanities to consider research careers in the academic, public or private sectors. Must have GPA of 3.0 or better and be a US citizen or permanent resident. Contact: Barbara Kahn (Program Coordinator). Tel: 401-863-1474. Download application from website.  
E-mail: [Barbara\\_Kahn@brown.edu](mailto:Barbara_Kahn@brown.edu). Deadline: February 1.

**[Paul Newman’s Summer Camp \(Hole-in-the-Wall-Gang Camp\)](#)** – Camp for ill children has positions for paid staff and volunteers. Volunteers at The Hole in the Wall Gang Camp do more than just provide labor. They are an integral part of the camp’s philosophy. Many people who very much want to serve our kids find it impossible to devote an entire summer to us. The Summer Volunteer Program provides a mechanism for that service (minimum age-19 years old). Contact: Sarah Eio (Director of

Volunteers). Tel: 860-429-3444. E-mail: [se@holeinthewallgang.org](mailto:se@holeinthewallgang.org). Also apply to the [Boggy Creek Gang Camp](#), a member of The Association of Hole In The Wall Camps. Staff and volunteer positions available.

[Remote Area Medical \(RAM\) Volunteer Corps](#) –Dedicated to providing free health care, dental care, eye care, veterinary services, and technical and educational assistance to people in remote areas of the US and the world. Volunteers participate in expeditions (at their own expense) in some of the world’s most exciting places.

[Rockefeller University \(Permanent Position\)](#) –Research Assistant positions available for graduating seniors with degrees in Biology, Chemistry, Biochemistry, Psychobiology, Genetics and Molecular Biology.

[The Rockefeller University Summer Undergraduate Research Fellowship \(SURF\)](#) -- provides a unique opportunity for sophomore and junior college students to conduct laboratory research during the summer. SURF students work with scientists who are leading the world’s basic research in the biological sciences. The laboratory projects expose students enrolled in basic science programs to the research environment and assist in consolidating future career decisions to enter graduate programs in the sciences. College sophomores and juniors spend 10 weeks of their summer on The Rockefeller University campus working on projects that have been individually tailored by faculty, postdoctoral researchers and graduate fellows. \$3,000 stipend and free housing. These projects are based on the students’ area of study and/or interest. Tel: 212-327-8086. E-mail: [surf@mail.rockefeller.edu](mailto:surf@mail.rockefeller.edu).  
Deadline: February 1.

[Summer Medical and Dental Education Program \(SMDEP\)](#) –FREE (full tuition, housing, and meals) 6-week summer academic enrichment program for freshman and sophomore college students who are interested in a career in medicine or dentistry. SMDEP is implemented at 12 sites across the nation, and all programs provide a basic science curriculum, career development activities, clinical exposure and a financial planning workshop. The program is available at 12 medical and dental schools across the US. Travel scholarships also available for accepted applicants with financial need. Applications are reviewed on a “first come, first served” basis. Early application is strongly encouraged!  
Tel: 866-587-6337. Deadline: March 1.

[Minority Health and Health Disparities International Research Training \(MHIRT\) Programs](#)  
MHIRT Program is a component of a long term strategy to establish a cadre of biomedical, behavioral, and social science researchers working to reduce the disparate health burdens among underserved populations in the United States and ultimately eliminate those disparities. Specifically, MHIRT grantees conduct research for at least 10-12 weeks during the summer or one semester during the academic year on a wide variety of diseases and health conditions. The MHIRT Program participants travel to work with international investigators in countries around the world.

#### VETERINARY LINKS:

\*\* [Michigan State University Vetward Bound Program Summer Enrichment Programs](#) –Assists minority and/or disadvantaged students who are seeking a career in the veterinary medical profession. Three program levels offered. Must have a GPA of 2.7 or better and be a US citizen. \$50/day stipend to help defray room and board costs in university residence housing. A partial travel allowance may

also be rewarded. Application reviews for rolling admissions start February 1<sup>st</sup>. Limited spots are available. Tel: 517-355-6521. Email: [vetwardbound@cvm.msu.edu](mailto:vetwardbound@cvm.msu.edu) . Deadline: March 26.

[Wolf Park](#) – A non-profit research and education facility.

[Pet Refuge](#) –a not-for-profit "no-kill" animal shelter run by volunteers for the placement of unwanted and abandoned pets into responsible permanent homes.

[Tulane National Private Research Center Undergraduate Fellowship Program](#) – 3-month summer program offered to pre-baccalaureate students who are currently enrolled in a college-level educational institution and who are interested in biomedical research as a possible career choice. Must have completed at least one year of undergraduate coursework in biology or a biomedical related field. Must currently be an undergraduate or graduate student in good standing and be strongly motivated to participate in on-going research projects at the TNPRC. Stipend of \$9.50/hr paid based on 37.5hr week. Students are responsible for their own travel and lodging. Email: [paye@tulane.edu](mailto:paye@tulane.edu) . Deadline: February 1, 2012.

[The School of Veterinary Medicine at the University of Pennsylvania has created the VETS \(Veterinary Exploration Through Science\) Program](#) scheduled to begin in May. The program has been set up as a day camp at the School's Philadelphia Campus.

[Adventures in Veterinary Medicine program at the Cummings School of Veterinary Medicine at Tufts University](#)

Adventures in Veterinary Medicine is a career-exploration program designed to provide participants with direct insights into the opportunities and realities of a career in veterinary medicine. This upcoming summer AVM will be celebrating its 20th year of programming. Our week long session for college students includes lectures and laboratories from some of our top veterinary faculty, researchers, and veterinary students, on timely and relevant topics. As part of their week here participants will have the opportunity to shadow fourth year veterinary students through our small animal hospital, large animal hospital, and wildlife clinic. Students will listen to panel discussions, learn about the admission and financing process, along with some hands-on experiences with animals. If you have students who are trying to determine if veterinary medicine is the right career path for them, our program will provide them with valuable insights into the profession. For your students who already know that veterinary medicine is their future profession, our program will allow them to experience what life as a veterinary student is like. Many of our past AVM participants have successfully gained admission into veterinary school here at Tufts University and at other schools.

## **SUMMER RESEARCH PROGRAMS IN BIOLOGY FOR UNDERGRADUATES**

For the love of cell biology, scientists strive for new knowledge and have fun while doing it. Compiled by the [American Society for Cell Biology Minorities Affairs Committee](#).

This list of summer programs in biology for undergraduate students is compiled by the ASCB Minorities Affairs Committee and includes confirmed information for summer 2012. Programs for underrepresented minorities in science are emphasized. The list is organized by state.

To see this list, please go to the website and click on “Summer Research Programs” under the Careers and Opportunities Heading on the home page. EMAIL: [ascbinfo@ascb.org](mailto:ascbinfo@ascb.org) Tel: (301) 347-9300

**Websites listing additional summer programs:**

[AAMC Summer Undergraduate Research Programs](#)

[ExploreHealthCareers.org](#)

[Health Professions Advisory Program \(HPAP\) @ Syracuse University](#)

[JustGarciaHill: A Virtual Community for Minorities in Science](#)

[Rochester Institute of Technology](#) - Extensive list of pre-medical opportunities throughout the country.

[SACNAS: Advancing Hispanics/ Chicanos and Native Americans in Science](#)

*Updated October 2011.*