Off-Campus Summer

Programs

2012

Updated: February 7, 2012
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Program Overview:
The 10-week summer program for U.S. undergraduates seeks to encourage students in the pursuit of a scientific career by exposure to an international laboratory experience in the following departments at the Institut Pasteur: Cell Biology and Infection, Developmental Biology, Microbiology, and Parasitology and Mycology.

Program Dates:
Mutually agreed upon after candidates’ acceptance into the program.

Eligibility Guidelines:
▪ Applicants must 1) be US citizens; PR not eligible;
▪ Currently enrolled undergraduates with a very strong interest in biosciences and biomedical research (prior lab experience is highly recommended);
▪ Excellent academic records;
▪ Junior or senior year;
▪ Not yet have received undergraduate degree at the time of application (i.e. December 2011);
▪ Knowledge of French or desire to learn will enhance the experience.

Program Award:
▪ Interns will receive the equivalent of a living allowance of $400/week (total maximum of $4,000);
▪ Affordable on-campus housing ($500 subsidy is provided and intended to defray cost of travel and requisite insurance).

Contact Info:
Deborah Kramm
Pasteur Foundation
420 Lexington Avenue, Suite 1654
New York, New York 10170
Phone: 212.599.2050
Email: PasteurUS@aol.com

Application Info:
Application
Program Overview:
The 40-hour per week Scientific Summer Internship Program in Cambridge allows students to gain experience in experimental protocols and techniques; designing and executing experiments; and analyzing data.

Program Dates:
June – August 2012

Eligibility Guidelines:
▪ enrolled at an accredited U.S. university;
▪ completed sophomore year in college or university;
▪ not have graduated from a Master's degree program prior to the start of the internship;
▪ Ph.D. and M.D. students are not eligible for this program;
▪ applicants must be eligible to work in the United States.

Program Award:
▪ Competitive hourly rates will be based on the year of school completed;
▪ Housing;
▪ Travel.

Contact Info:
Email: future.talent@novartis.com

Application Info:
▪ Apply to specific job openings: Biology, Biochemistry, Biostatistics;
▪ Computational Science; Chemistry;
Program Overview:
The 9-week 2012 Summer Cancer Research Fellowship/Internship program provides a unique opportunity for students to engage in innovative approaches to cancer research through the National Cancer Institute’s (NCI) Integrative Cancer Biology Program (ICBP). The ICBP comprises twelve multidisciplinary centers across the United States which integrate experimental biology with mathematical and computational modeling to gain new insights into the biology and management of cancer.

Program Dates:
June 4 through August 3, 2012

Eligibility Guidelines:
▪ College Sophomore, Junior or Senior in Fall of 2011;
▪ Enrolled in an accredited US college or university;
▪ US citizen or hold a permanent visa;
▪ 3.0 GPA during the last three semesters;
▪ Completed relevant coursework in biology, computer science, and mathematics.

Program Award:
▪ a stipend of $3,300;
▪ $600 (total) for travel to and return from the paired ICBP Center;
▪ Housing accommodations, up to $100 per night.

Contact Info:
Betty Tarnowski, Ph.D.
Division of Cancer Biology
National Cancer Institute
Tel. 843-588-2977
Email: tarnowsb@mail.nih.gov

Application Info:
▪ [On-line application](#)
▪ Email: Teresa Stitely if you have questions
Program Overview:
The 10-week summer experience at NASA offers participants an intense learning experience that is either Space- or Aeronautics-based. The Academies have separate focus areas: Space/Aerospace (NASA Academy), Robotics, Aeronautics, Lunar and Planetary Science, and Propulsion.

Eligibility Guidelines:
a. NASA Academy Research Associates:
   ▪ have a demonstrated interest in our space program;
   ▪ have a previous internship or project experience;
   ▪ be a junior, senior, or first or second year graduate student in Fall 2012;
   ▪ be in high academic standing (GPA of 3.2 or greater);
   ▪ have a propensity for leadership;
   ▪ be a US citizen.

b. NASA Aeronautics Academy:
   ▪ have a demonstrated interest in our Aeronautics program;
   ▪ have curricular background in Aeronautics and Aerospace Engineering, and related disciplines;
   ▪ have a previous internship or project experience;
   ▪ be in high academic standing (GPA of 3.2 or greater);
   ▪ be a full-time junior, senior, or first or second year graduate student in Fall 2012;
   ▪ be a US citizen.

c. NASA Lunar and Planetary Sciences Academy:
   ▪ have a demonstrated interest in our space program;
   ▪ have experience in lunar and planetary science research;
   ▪ be in high academic standing (GPA of 3.3 or greater);
   ▪ be a US citizen;
   ▪ Research Associates: be a freshman, sophomore, junior, or senior student in Fall 2012 in astrophysics, physics, or engineering;
   ▪ Team Leads: be a senior, or graduate student in Fall 2012 with a strong background in planetary science and/or engineering;

d. NASA Propulsion Academy:
   ▪ have a demonstrated interest in our space program;
   ▪ have a curricular background in propulsion;
   ▪ be in high academic standing (GPA of 3.2 or greater);
   ▪ be a US citizen;
   ▪ Research Associates: be a sophomore, junior, or senior student in Fall 2012;
   ▪ Team Leads: be a junior, senior, or first or second year graduate student in Fall 2012.
e. NASA Robotics Academy:
   ▪ have a demonstrated interest in our space program;
   ▪ have experience in robotics;
   ▪ be in high academic standing (GPA of 3.2 or greater);
   ▪ be a US citizen;
   ▪ Research Associates: be a sophomore, junior, or senior student in Fall 2012;
   ▪ Team Leads: be a junior, senior, or first or second year graduate student in Fall 2012.

Contact Info:
Eleanor (Nora) Kelly Alonge, Ph.D., B.S.E.
Cassini Project Science System Engineer
Cassini Science Planning Engineer
NASA/Caltech Jet Propulsion Laboratory
(818)354-4427, Fax:(818)393-4495, Office:230-204, M/S:230-205
Nora.J.Kelly@jpl.nasa.gov

Application Info:
First create a profile on the NASA SOLAR website and then fill in the full academy application.
Program Overview:
The 8-week Summer Training in Academic Research and Scholarship is a unique opportunity for underrepresented minority students with a strong interest in pursuing advanced graduate and medical education and training to engage in basic science or translational research projects.

Program Dates:
June 11 – August 9, 2012

Program Awards:
▪ Transportation to and from Boston;
▪ Housing for 8-week period;
▪ Living stipend for food and other necessities.

Eligibility Guidelines:
▪ Interested in pursuing a career in academic medicine;
▪ Member of an underrepresented minority group (African-American, Alaskan/Hawaiian Native, Hispanic, or Native American)
▪ US citizen or non-citizen national with a permanent residence visa
▪ Undergraduate junior or senior, or first-year medical student

Contact Info:
BWHSTARS@partners.org
Phone: 617-525-7646.

Application Info:
On-line application information
Program Overview:
The 10-week clinical or laboratory Summer Fellowship Program seeks to cultivate an early interest into the cause and possible treatments for Parkinson's disease.

Eligibility Guidelines:
▪ applicant must identify a mentor with whom he or she will conduct the proposed project;
▪ open to both national and international applicants.

Program Award:
▪ award of $3,000

Contact Info:
Parkinson's Disease Foundation (PDF)
1359 Broadway, Suite 1509
New York, NY 10018
Tel: (212) 923-4700 | (800) 457-6676
Fax: (212) 923-4778
grants@pdf.org

Application Info:
On-line Application;
Program Overview:
The 10-12 week Summer Research Internship Program provides participants with a professional experience in the areas of research and cardiovascular health care.

Program Dates:
June 4 to August 17, 2012

Eligibility Guidelines:
▪ Enrolled in a U.S.-based accredited degree program in a health care or related discipline;
▪ Preference will be given to undergraduates who are rising juniors or seniors;
▪ Have a GPA of 3.50 or above, as verified by a transcript;
▪ Available to attend three days of orientation from Wednesday, May 30, through Friday, June 1;
▪ Available to work a minimum of 400 hours (up to 40 hours/week) from June 4 to August 17.

Program Award:
Paid internship

Contact Info:
Email: ResearchIntern@mhif.org

Application Info:
On-line Application Information
Program Overview:
The 10-week international Undergraduate Research Opportunities Program provides students with the opportunity to carry out their own research projects under the guidance of experienced researchers. The program consists of an internship carried out in a research facility or lab, research-related field trips and leisure time activities introducing students to German science, history and culture.

Program Dates:
May 21 to July 27, 2012 (students wanting to start at a later date should have basic level German skills).

Eligibility Guidelines:
▪ US or Canadian citizenship;
▪ 2nd and 3rd year undergraduate student;
▪ GPA of 3.2 or higher.

Program Award:
▪ 30 scholarships of 1,850 € will be awarded to students with 3.2 GPA and a letter of recommendation.

Contact Info:
RWTH Aachen University
International Office
Templergraben 57, D-52062 Aachen
Program coordination UROP
Torsten Blut, M.A.
Phone: +49-(0)241-80 90687
Fax: +49-(0)241-80 92662
Email: urop@rwth-aachen.de

Application Info:
Submit application materials to:
Gabriella Skwara, RWTH Aachen universities' liaison office in New York City, preferably via Email to info@rwthaachenuniversity.us:
▪ Resume;
▪ Letter of motivation (please include separate letters of motivation when applying for two different projects);
▪ Letter of recommendation;
▪ Current proof of enrollment;
▪ Transcript of records.
Program Overview:
The 9-week Summer Medical and Research Training Program was developed to provide frontier-level, biomedically related summer research projects for undergraduates in a supportive environment with supplemental educational activities tailored for each individual.

Program Dates:
Begins in June - flexible (you can begin later and end later if you need to do so, but you must commit to nine weeks)

Eligibility Guidelines:
- all science and math majors;
- non-science majors with appropriate background and interest;
- currently attending university and returning to the college/university to complete undergraduate degree;
- minimum GPA of 3.0;
- applicants who graduate before or during the program will not be eligible;
- no previous research experience is required except of first-year students (Freshman status in college). Applications from first-year students without previous research experience will not be accepted;
- International students who are employable and enrolled in educational programs in the United States are eligible to apply.

Program Award:
$4,000 and/or housing, travel

Contact Info:
Gayle R. Slaughter,
SMART program director, at
Phone: 713-798-6644
Email: gayles@bcm.edu

Application Info:
2012 SMART Program Application;
Program Overview:
The Broad’s Summer Research Program in Genomics is a National Human Genome Research Institute (NHGRI) funded research education program to support undergraduates who are underrepresented minorities.

Program Dates:
Begins in early June and ends in early August, 2012

Eligibility Guidelines:
▪ underrepresented racial and ethnic groups, which includes American Indians or Alaska Natives, blacks or African Americans, Hispanics or Latinos, Native Hawaiians or Other Pacific Islanders;
▪ individuals with disabilities;
▪ must be enrolled in a four-year college with a graduation date of December 2012 or later;
▪ US Citizen or Permanent Resident;
▪ majoring in a physical, biological, or computer sciences, engineering or mathematics;
▪ interest in pursuing graduate school;
▪ cumulative GPA of 3.0 or above (on a 4.0 scale).

Program Award:
▪ a stipend of $4000.00;
▪ round trip airfare to and from Cambridge;
▪ housing.

Contact Info:
Eboney Smith
Broad Institute, Room 7022
7 Cambridge Center
Cambridge, MA, 02142

Application Info:
On-line Application
Program Overview:
Caltech's Amgen Scholars program provides students the opportunity to conduct research in biology, chemistry, and bio-technical related fields under the guidance of seasoned research mentors. The program offers students interested in pursuing a PhD or MD/PhD a great opportunity to experience the research process.

Program Dates:
June 18 - August 24, 2012

Eligibility Guidelines:
- Be sophomores (with at least 4 quarters or 3 semesters of college course work), juniors, or non-graduating seniors attending 4-year colleges or universities in US, Puerto Rico, other US territories;
- Have a cumulative GPA of at least 3.2;
- Not be under any disciplinary sanction;
- Be US citizens or permanent residents;
- Have an interest in pursuing a PhD or MD/PhD.

Program Award:
- $5,500 stipend for the ten-week period;
- room and board allowance;
- non-Caltech students will receive reimbursements for their travel to and from Pasadena.

Contact Info:
Candace Rypisi
Program Director
California Institute of Technology
Tel: 626-395-2885
Email: amgenscholars@caltech.edu

Application Info:
On-line Application:
Program Overview:
The 10-week Heart, Lung and Blood Summer Research Program is designed to engage students in state-of-the-art biomedical research in cardiovascular, pulmonary, hematological and sleep disorders research.

Program Dates:
May 21 - July 27, 2012 (flexibility with program dates)

Eligibility Guidelines:
▪ Underrepresented students in biomedical sciences are eligible to apply;
▪ students from low-income families, or those with disabilities are welcomed to apply;
▪ US citizen or Permanent resident.

Program Award:
▪ A $3500 stipend for 2 months;
▪ Housing allowance;
▪ Travel allowance.

Contact Info:
Alison K. Hall, Ph.D.
Associate Dean for Graduate Education
alison.hall@case.edu
Ph: 216-368-8668

Application Info:
On-line application

Other summer research programs at CWRU
13. CHARLES DREW UNIVERSITY, CA (UCRTP)  
Deadline: 2/1/2012

**Program Overview:**
The 12-week Undergraduate Cancer Research Training Program is designed for students who are interested in conducting research relevant to eliminating cancer health disparities in underserved communities.

**Program Dates:**
June 18th - September 7, 2012

**Eligibility Guidelines:**
- low income or underrepresented minority (African American, Mexican American/Chicano, Hispanic American/Latino, Native American, Asian Pacific Islander, Native Alaskan or Native Hawaiian);
- undergraduate freshman, sophomore, or junior;
- minimum 3.0 GPA;
- completed college-level general biology and introductory chemistry.

**Program Award:**
Award totaling $4,000

**Contact Info:**
Marianna Sarkissyan
Tel: 323-563-5936
Email: mariannasarkissyan@cdrewu.edu

**Application Info:**
Application info
14. COLUMBIA UNIVERSITY/BARNARD COLLEGE, NY (AMGEN/SURF)  
Deadline: 2/1/2012

**Program Overview:**
The 10-week AMGEN summer research program is an opportunity for undergraduates to experience hands-on biology related laboratory research.

**Program Dates:**
May 29 – August 3, 2012

**Eligibility Guidelines:**
- US citizen or permanent resident;
- currently a sophomore, junior, or non-graduating senior at a four-year college or university in the United States, Puerto Rico or other US territory;
- must not currently have a bachelor's degree.

**Program Award:**
- stipend of $4000;
- housing on the Morningside campus of Columbia University.

**Contact Info:**
Dr. Alice Heicklen  
Program Director (Columbia)  
Dr. Matthew Wallenfang  
Program Director (Barnard)  
(212) 854-2262  
amgen@biology.columbia.edu

Chanda Springer  
surf@biology.columbia.edu  
Tel: 212-854-2262

**Application Info:**
- on-line application;
Program Overview:
The 10-week Summer Undergraduate Research Program is designed for outstanding undergraduate students who are interested in pursuing a career in the biomedical related sciences.

Program Dates:
The program begins on the first Monday in June and runs for ten consecutive weeks.

Eligibility Guidelines:
- undergraduate freshmen;
- sophomores or juniors who are contemplating a career in a biomedical related sciences;
- minimum GPA of 3.0;
- completed at least college-level general biology and/or introductory chemistry.

Program Award:
- $3,000 stipend;
- housing in close proximity to the campus.

Contact Info:
Mailing address:
Gerstner Sloan-Kettering Graduate School
Summer Undergraduate Research Program
1275 York Avenue, Box 441
New York, NY 10065
Tel: 646.888.6639
Fax: 646.422.2351
Email: surp@sloankettering.edu

Application Info:
- on-line application
Program Overview:
The 10-week Summer Honors Undergraduate Research Program is primarily for college students belonging to groups that are under-represented in the sciences. Summer research opportunities will be available in a variety of biological and biomedical sciences.

Program Dates:
June 3 - August 11, 2012

Eligibility Guidelines:
Currently-enrolled undergraduates:
- who are considering careers in biological or biomedical research sciences;
- who have already had at least one summer (or equivalent term-time) of experience in a research laboratory;
- who have taken at least one upper-level biology course that includes molecular biology;
- U.S. citizenship or permanent residency.

Program Award:
- all research- and course-related expenses;
- housing at the medical school dormitory;
- travel to and from the program;
- a stipend of approximately $390/week for 10 weeks;
- health insurance if it is needed.

Contact Info:
Deborah Milstein, Diversity Programs Office
Division of Medical Sciences
Harvard Medical School
260 Longwood Avenue, room 432
Boston, MA 02115
(tel. 617-432-4980 or 800-367-9019)
617-432-1342

Application Info:
- Application form;
Program Overview:
The 10-week summer research internship program encourages under-represented minority students to pursue graduate studies in science and engineering.

Program Dates:
Starting and ending dates are based on the student’s school schedule.

Eligibility Guidelines:
- Must be under-represented minority with sophomore or junior standing at a U.S. college or university at the time of application;
- Must be majoring in chemistry, physics, materials science or engineering, computer science or engineering, chemical, electrical, mechanical engineering, or biology, if it has an emphasis on one of the other areas listed;
- Must have a minimum 3.0 GPA;
- No citizenship restriction.

Program Award:
- Some financial assistance to offset the high cost of housing in this area;
- Awardees will receive a lump sum to cover relocation expenses. The amount will depend on from how far away they are moving;
- Competitive industrial salary, which averages around $8000 or more

Contact Info:
Sally Swanson
saswans@almaden.ibm.com

Application Info:
On-line application form
Program Overview:
The 9-week Amgen-UROP Scholars Program is a summer research experience for students to analyze data, present research results, network with other undergraduates with similar research interests, and develop working relationships with MIT faculty mentors and other research staff.

Program Dates:
June 11 – August 10, 2012

Eligibility Guidelines:
▪ enrollment in four-year colleges and universities (including MIT) in the U.S., Puerto Rico, and other U.S. Territories;
▪ U.S. citizenship or U.S. permanent residency;
▪ sophomore status (with 4 quarters or 3 semesters of college experience), juniors, and non-graduating seniors who plan to continue undergraduate studies in Fall 2011;
▪ cumulative GPA of 3.2 or above (based on a 4.0 scale);
▪ interest in pursuing graduate school, including a PhD or MD-PhD.

Program Award:
▪ $4,212 stipend;
▪ housing in a designated MIT residence hall;
▪ food allowance will also be provided.

Contact Info:
Michael Bergren
Program Director
Tel: 617-253-7306
Email: amgen-scholars@mit.edu

Application Info:
▪ online application;
Program Overview:
OSSI: SOLAR is a one stop shopping Initiative (OSSI) for NASA internships and scholarships opportunities. It is geared towards recruitment, application, selection and career development of undergraduate and graduate students primarily in science, technology, engineering and mathematics disciplines. A single application places students in the applicant pool for consideration by mentors for all NASA internship positions. OSSI also enables NASA to continually re-engage students throughout their academic careers.

Getting Started:
- Create a new OSSI:SOLAR account by providing your e-mail and a password, then register to provide basic information;
- Create an interest profile to specify your areas of interest;
- Complete an application;
- Search and select opportunities of interest, identifying your top 15 prior to the end of the application period.

Eligibility Guidelines:
- U.S. Citizen (Permanent Resident Alien (PRA) or Legal Resident are not considered U.S. citizens and are not eligible for NASA student opportunities available through OSSI:SOLAR);
- accepted/enrolled full-time in an accredited junior college, 4-year college or university;
- high school seniors must have been accepted to an accredited college or university with plans on attending full-time when applying;
- Grade point average of 2.8 or higher on a scale of 4.0;
- Some internship and fellowship programs will require a higher GPA. However, a student will be able to submit an application with a GPA of 2.8 or higher;
- If your college or university does not use GPA, you will need to explain the grading method in the application.
**Program Overview:**
The 9-week Summer Undergraduate Research Program will give students the opportunity to conduct research and to be exposed to the excitement of an academic medical environment at a major research center. We are committed to increasing the number of students from underrepresented groups in the biomedical sciences pursuing PhD, MD or MD/PhD studies.

**Program Dates:**
June 4th to August 5th, 2012

**Eligibility Guidelines:**
- qualified undergraduates who have completed their sophomore or junior year of college;
- 3.4 GPA or better and at least 1 full semester of bench laboratory research;
- commitment to a career in biomedical research;
- U.S. and international students who are currently attending a U.S. college or university only.

**Program Award:**
- stipend of $3,500;
- free housing in a NYU facility;
- round-trip travel expenses to New York City.

**Contact Info:**
The Sackler Institute of Graduate Biomedical Sciences
NYU School of Medicine
550 First Avenue, New York, NY 10016
Tel: (212) 263-5648

**Application Info:**
- Complete the [on-line application](#) and also submit a personal essay with the application;
21. PRINCETON UNIVERSITY, NJ (SURP)  
Deadline: 2/1/2012

Program Overview:
The 9-week Summer Undergraduate Research Program in Molecular and Quantitative & Computational Biology provides intensive laboratory research experiences to a select group of undergraduates chosen from a nationwide pool.

Program Dates:
June 11 – August 10, 2012

Eligibility Guidelines:
▪ Undergraduates enrolled in a four-year college or university;
▪ Applicants should be rising sophomores, rising juniors or rising seniors during the summer they participate in the program;
▪ Current undergraduates who are U.S. citizens or permanent residents;
▪ Foreign undergraduates attending a U.S. educational institution are also eligible to apply;
▪ Applicants with a strong passion for scientific research and are seriously considering graduate studies in molecular biology, quantitative/computational biology or neuroscience are encouraged to apply;
▪ Applicants from future life sciences researchers (1) whose participation will add to the diversity of researchers in the sciences, or (2) whose interests lie at the boundary between biology and the computational sciences including physics, chemistry, computer science and engineering, or (3) who are from institutions that do not have large research programs are encouraged to apply;

Program Award:
▪ $4000 stipend;
▪ housing;
▪ traveling expenses.

Contact Info:
Laura Gallagher-Katz

Application Info:
On-line Application Information
Program Overview:
The 10-week Undergraduate Research Fellowship Program is designed to provide qualified, highly motivated college students majoring in the life or physical sciences, with a summer opportunity to experience laboratory research.

Program Dates:
June 4 – August 10, 2012

Eligibility Guidelines:
▪ College sophomores and juniors

Program Award:
▪ $3,000.00 stipend;
▪ Free housing for those who cannot commute.

Contact Info:
surf@rockefeller.edu

Application Info:
▪ On-line application:
Program Overview:
The 9-week Amgen Scholars Program is a residential summer research program that offers undergraduates who want to prepare for and enter Ph.D. programs in the sciences a unique opportunity for advanced research experience within a world class university. The SSRP is an Amgen Foundation Site. Those interested in becoming an Amgen Scholar must submit an SSRP application.

Program Dates:
June 24 - August 25, 2012

Eligibility Guidelines:
▪ U.S. citizens or U.S. permanent residents;
▪ undergraduate students enrolled in accredited four-year colleges or universities in the United States, Puerto Rico or other U.S. territories;
▪ sophomores (with four quarters or three semesters of college experience), juniors or non-graduating seniors (who are returning in the fall to continue undergraduate studies);
▪ cumulative grade point average of 3.2 or above;
▪ interest in pursuing a Ph.D. or M.D.-Ph.D.

Program Award:
▪ summer housing;
▪ meals;
▪ travel to and from the summer research program;
▪ $3,400 stipend.

Contact Info:
Stanford Summer Research Program
Director: Melanie Bocanegra, PhD
Diversity Assistant: Jennie Visitacion
Address: 1265 Welch Road
MSOB X234
94305-5421
Phone: (650) 725-8791
Fax : (650) 725-3867
Email: ssrpmail@stanford.edu

Application Info:
online application and attachments.
24. THE LEADERSHIP ALLIANCE, BROWN UNIVERSITY, RI (SR-EIP) Deadline: 2/1/2012

Program Overview:
The 10-week Summer Research Early Identification Program offers undergraduates, interested in pursuing a PhD or MD-PhD, the opportunity to work under the guidance of a faculty or research mentor at a participating Alliance institution. Through this one-on-one collaboration, students gain theoretical knowledge and practical training in academic research and scientific experimentation.

Program Dates:
June – August 2012

Eligibility Guidelines:
▪ Be currently enrolled full-time in an accredited public or private college or university in the United States or its territories, as recognized by the U.S. Department of Education;
▪ Be in good academic standing with a GPA of 3.0 or better;
▪ Demonstrate interest and potential to pursue graduate study toward a PhD or MD-PhD;
▪ Have completed at least two semesters and have at least one semester remaining of their undergraduate education by the start of the summer program;
▪ Be a US citizen or have permanent resident status at the time of application.

Program Award:
▪ competitive stipend;
▪ travel;
▪ housing.

Contact Info:
The Leadership Alliance Executive Office
sreip@theleadershipalliance.org
Tel: 401-863-1474

Application Info:
On-line application;
25. THE UNIVERSITY OF PENNSYLVANIA, PA (SUIP)  Deadline: 2/1/2012

Program Overview:
The 10-week summer undergraduate internship program provides an intense research experience to students interested in graduate study in the biomedical and biological sciences.

Program Dates:
June 4 to August 10, 2012

Eligibility Guidelines:
▪ students of all backgrounds, particularly those from underrepresented minority groups or disadvantaged backgrounds; with disabilities; or who attend small colleges;
▪ U.S. citizens and permanent residents;
▪ completed sophomore or junior year (graduating seniors are not eligible to participate).

Program Award:
▪ stipend of $3,900;
▪ on-campus housing;
▪ round-trip travel.

Contact Info:
SUIP Coordinator
Biomedical Graduate Studies
160 BRB2, 421 Curie Blvd
University of Pennsylvania
Philadelphia, PA 19104-6064
Email: biomgrad@mail.med.upenn.edu

Application Info:
On-line application;
Program Overview:
The 9-week Amgen Scholars Program is a national program to increase research opportunities for students committed to pursuing careers in the sciences. This program provides outstanding science undergraduates with research experience and increases participants’ competitiveness as candidates for admission to prestigious graduate and professional institutions. Applicants from diverse populations and backgrounds are encouraged to apply.

Program Dates:
May 28 - August 3, 2012

Eligibility Guidelines:
▪ Must be a U.S. citizen or permanent resident;
▪ Undergraduate students enrolled in four-year colleges and universities in the U.S., Puerto Rico, and other U.S. Territories;
▪ Sophomores (with 4 quarters or 3 semesters of college experience), juniors, and non-graduating seniors who are returning in the fall to continue their undergraduate studies (Freshmen and students enrolled in community colleges are ineligible);
▪ Cumulative GPA of 3.2 or higher;
▪ Interest in research and the pursuit of a Ph.D. or M.D./Ph.D.;
▪ Prior research experience preferred;

Program Award:
▪ Direct research experience with a UCB faculty member;
▪ $4,000 stipend;
▪ College course credits (transferable UCB research units);
▪ Round-trip travel cost;
▪ On-campus housing (room and board);
▪ Access to UC Berkeley campus facilities;
▪ Participation in the National Amgen Scholars Program Symposium at UCLA in July 2012 (all expenses paid).

Contact Info:
Wanda Nieters
Amgen Program Manager
Tel: (510) 642-0280/(510) 642-5113
Email: amgenscholars@berkeley.edu

Application Info:
▪ submit online application;
Program Overview:

Program Dates:
June 3 - July 28, 2012

Eligibility Guidelines:
- Citizens or permanent residents of the United States;
- Enrolled full time at a four-year college or university;
- Sophomores (who have completed at least three semesters or four quarters of actual college course work);
- Juniors, and seniors who will not be graduating in the spring or summer of 2011;
- Have not already completed a B.A. or B.S. degree;
- 3.0 or better cumulative grade point average;
- Shown potential for success, but may have had limited access to graduate research or other preparatory opportunities; the applicant should indicate his/her potential for success particularly as it relates to educational achievement while overcoming obstacles, which may include, but are not limited to economic, social, or educational challenges.

Program Award:
- round-trip airfare;
- room & board;
- $3,000 stipend.

Contact Info:
Colette E. Patt, Ph.D.
Director,
Division of Mathematical and Physical Sciences
101 Durant Hall
University of California, Berkeley 94720-2920
Phone: (510) 642-0794 Fax: (510) 642-7578

Application Info:
All application materials must be submitted together in one envelope and must include:
- an application form filled out completely;
- personal statement;
- diversity statement;
- listing of current course work;
- official transcript of all college work;
- two letters of recommendation from faculty members or teaching assistants (do not mail separately);
UNIVERSITY OF CALIFORNIA, SAN DIEGO, CA (AMGEN)

Program Overview:
The UCSD Amgen Scholars Program is a ten-week, full-time summer research experience for undergraduates committed to pursuing either a professional or academic research career in biological sciences or bioengineering.

Program Dates:
June 25 to Friday, August 31, 2012.

Eligibility Guidelines:
▪ U.S. citizens or U.S. permanent residents;
▪ Undergraduates enrolled in accredited four-year colleges and universities in the U.S., Puerto Rico and other U.S. Territories;
▪ Sophomores (with four quarters or three fully completed semesters of college experience by the time they apply to this program), Juniors and non-graduating Seniors (who are returning in the fall to continue their undergraduate experience);
▪ Preferred Majors: Biology, Molecular Biology, Molecular and Cellular Biology, Biological Sciences, Microbiology, Biochemistry, Biochemistry and Cell Biology, Chemistry, Bioengineering, and Neurosciences;
▪ A cumulative G.P.A. of 3.2 or above; and
▪ A serious interest in pursuing a Ph.D. or M.D.-Ph.D, but not M.D.

Program Award:
▪ A $3,600 stipend for the ten-week program;
▪ On-campus housing and a board allowance;
▪ A $500 travel allowance is offered to non-UCSD students for travel to/from San Diego.

Contact Info:
Tonya Jarrett
Program Administrator
Tel: 858-534-9925
Email: tojarrett@ucsd.edu

Application Info:
▪ on-line application;
Program Overview:
Supported by a grant from the Amgen Foundation, the Amgen Scholars Program provides summer research opportunities at UCSF for 25 undergraduate students in science and biotechnology.

Eligibility Guidelines:
▪ US Citizens or Permanent Residents;
▪ Students with a desire to pursue a Ph.D., or M.D.-Ph.D.;
▪ Students currently enrolled in an undergraduate or master's degree program who will have completed at least 4 semesters or 4 quarters of college work at the start of the summer program and have prior research experience;
▪ Non-graduating seniors, seniors who do not plan to begin graduate study in the fall immediately following graduation, and continuing master's students;
▪ Students with a cumulative GPA of 3.2 or higher are eligible for the Amgen Scholars Program;
▪ Underrepresented minority, socio-economically disadvantaged, first-generation college students, and students with limited access to research laboratories are particularly encouraged to apply;
▪ Prior research can be an asset, but is not required.

Program Award:
▪ $4,500 stipend;
▪ $1,000 subsistence allowance for food;
▪ for students who are not eligible for travel funds from their home institution, UCSF will provide travel funds to/from San Francisco;
▪ students are also provided with passes the local public transportation system during their stay in San Francisco;
▪ students live in dormitory-style housing near the UCSF Parnassus Campus.

Contact Info:
Dr. Christine D. Des Jarlais
Program Director
Sergio Saenz
Director of Recruitment & Retention Programs
(415) 514-0840
srtp@ucsf.edu

Application Info:
▪ online application form;
Program Overview:
The 10-week Research Experience for Undergraduates Summer Internship in Molecular Genetics and Cell Biology allow students to devote themselves to research projects, working in collaboration with graduate students or postdoctoral fellows, to address important problems in biology.

Program Dates:
June 12th - August 18th, 2012

Eligibility Guidelines:
▪ be citizens or permanent residents of the United States;
▪ strong interest in research;
▪ students from schools without large research programs are encouraged to apply;
▪ members of minorities currently underrepresented in the sciences are encouraged to apply;
▪ currently enrolled in junior year of college preferred, but in exceptional cases students in earlier years will be considered.

Program Award:
▪ $5,000 stipend;
▪ travel expenses to and from the University;
▪ housing provided, with comfortable accommodations within a modern and convenient University of Chicago undergraduate dormitory.

Contact Info:
The University of Chicago
Department of Molecular Genetics and Cell Biology
920 East 58th Street, CLSC 1106
Chicago, Illinois 60637
Phone: (773) 702-1620
Email: Aaron Turkewitz

Application Info:
Application form
Email attachment to: cwill@bsd.uchicago.edu
Program Overview:
The 10-week research-focused program is designed for undergrads who are potentially interested in obtaining a combined MD/PhD degree leading to a career in academic medicine focused on basic research relevant to human diseases.

Program Dates:
June 4 – August 10, 2012

Eligibility Guidelines:
▪ Be from an educational, cultural or geographic background that is underrepresented in the sciences; OR
▪ have experienced financial hardship as a result of family economic circumstances; OR
▪ have a physical or mental disability that substantially limits one or more major life activities; AND
▪ Be a current undergraduate (those applying to Med/Grad School for 2012 are not eligible);
▪ Be a US citizen or permanent resident;
▪ Have completed either an organic chemistry course with lab or a biology course (physiology, biology, biochemistry) with lab;
▪ Submit at least two letters of recommendation one of which must be from the instructor of a laboratory course;
▪ Maintain a 3.0 grade point average;

Program Award:
▪ A stipend of $4200;
▪ Housing will be provided;
▪ student transportation costs up to $200 will be covered;

Contact Info:
The University of Michigan
Medical Scientist Training Program
2965 Taubman Medical Library
1150 W. Medical Center Drive
Ann Arbor, MI 48109-5619
Phone: (734) 764-6176
FAX: (734) 764-8180
e-mail: mstp@umich.edu

Application Info:
On-line application form
Program Overview:
The 12-week Summer Research Fellowship supports undergraduate students that are interested in research in physiology and/or biomedical sciences. In general, biological science students will join our traditional summer undergraduate fellowship (SURF), and quantitative students will join our Short Term Educational Program* (STEP) towards Digestive and Metabolic Physiology.

Program Dates:
May 28 to August 19, 2012 (end or start date may be shifted to accommodate overlap with students' academic year)

Eligibility Guidelines:
▪ Must be currently enrolled at any degree granting University or College; (preference given to those students interested in a career in research);
▪ Majors can be in biological science, engineering, computational sciences, physics or mathematics.

Program Award:
$4,200 stipend

Contact Info:
Ormond A. MacDougald, Ph.D.
Professor, Director of Graduate Studies
John A Faulkner Collegiate Professor of Physiology
Department of Molecular and Integrative Physiology
University of Michigan Medical School Brehm Center,
1000 Wall Street, Rm 6313 Ann Arbor, MI 48105
(734) 647-4880 (Office)
(734) 232-8175 (Fax)
Email: macdouga@umich.edu

Application Info:
Application Form On-Line
**Program Overview:**
The Alcohol Research Training Summer School provides an intensive week-long introduction to alcohol research, coupled with an 8 week paid internship in one or more of the following areas:
- □ human genetics □ behavioral pharmacology □ psychiatric epidemiology □ neuroimaging □ statistical modeling.

**Program Dates:**
Intensive week-long introduction - June 3-8, 2012
Internship from June 11-August 3, 2012

**Eligibility Guidelines:**
- applicants with strong interest in science and medicine;
- completed 2 years of undergraduate work (exceptions may be made);
- B average or better in all coursework;
- should have completed at least 2 courses (3 semester credit equivalents) in each of the following areas:
  - *behavioral or social sciences;
  - *biological sciences;
  - *physical sciences/mathematics;
- students with Baccalaureate degree are not eligible to apply.

**Program Award:**
- ($3,200) stipend;
- university housing.

**Contact Info:**
Gail Raskin
ARTSS Coordinator
Phone: 573-882-1682
Email: artss@missouri.edu

**Application Info:**
- On-line application;
Program Overview:
The 11-week Latino Mental Health Research Training Program is designed to prepare undergraduate and graduate level researchers to address disparities in mental health care of U.S. Latinos with serious mental illness. The program is comprised of an intensive one-week training seminar at USC, and a 10-week training program in Puebla México at the Medical School of BUAP.

Program Dates:
June 3 - August 18, 2012

Eligibility Guidelines:
▪ 3.0 GPA or better;
▪ Research career orientation;
▪ Excellent Spanish language oral and written skills;
▪ Background in statistics;
▪ Undergraduates with junior or senior class standing for 2011-2012 academic year, post-baccalaureate/master level degree students, and pre-doctoral level students;
▪ Must be a U.S. citizen, non-citizen national (generally persons born in outlying possessions of the U.S.), or a permanent resident (i.e., possess a currently valid Alien Registration Receipt Card I-551, or other legal verification of such status);
▪ Must be from a health disparity population. Specifically, must be African American, Asian American, Latino/Hispanic American, Native American, Alaskan Native, Native Hawaiian or Pacific Islander.

Program Award:
▪ $1000/month stipend;
▪ trainee transportation (e.g., to and from Mexico);
▪ living expenses (i.e., food and housing).

Contact Info:
Steve Lopez, Ph.D
E-mail: lopezs@usc.edu
Phone: (213) 740-6310
Office: SGM 1001

Application Info:
Write us or send application materials to:
MHIRT Program
c/o Monina Letargo (monina.letargo@usc.edu)
University of Southern California
Psychology Department
3620 McClintock Avenue, Rm 501
Los Angeles, CA 90089
Program Overview:
The 9-week Amgen summer program supports selected students in research experiences and related activities. It enables students to explore connections between their undergraduate major areas of study and graduate or professional work focused on biotechnology and related fields.

Program Dates:
June 17 - August 18th, 2012

Eligibility Guidelines:
- U.S. citizens or permanent residents;
- undergraduate students enrolled in accredited four-year colleges and universities in the United States, Puerto Rico and other U.S. territories;
- sophomores (with four quarters or three semesters of college experience), juniors or non-graduating seniors (who are returning in the fall to continue undergraduate studies);
- cumulative GPA of 3.2 or above;
- interest in pursuing a Ph.D. or M.D.-Ph.D.

Program Award:
- $3,500 stipend;
- health insurance;
- room and board.

Contact Info:
Tel: (206) 685-4240
Email: uwamgen@u.washington.edu

Application Info:
- Online Application;
36. VANDERBILT UNIVERSITY, NASHVILLE, TN (STTP)  
Deadline: 2/1/2012

**Program Overview:**
The 8 to 11-week Short Term Training Program for Minority Students will focus on the considerable strengths and diversity of multidisciplinary research at Vanderbilt University School of Medicine and Meharry Medical College, providing a meaningful research training and careers in vascular biology.

**Program Dates:**
June – August, 2012

**Eligibility Guidelines:**
- The program is open to rising junior and senior students (prior to graduation);
- Students of an underrepresented ethnic background (African-American, Hispanic-American, Native-American) are strongly encouraged to apply;
- Students should have a GPA of at least 3.5 on a 4.0 scale;
- Students should have a strong desire to pursue an M.D. degree or a combined M.D./Ph.D. degree.

**Program Award:**
- $400 per week stipend;
- on-campus housing;
- travel to and from Nashville.

**Contact Info:**
Dr. Richard Hoover  
Program Director  
Vanderbilt University  
Department of Pathology  
C 3321A MCN  
Nashville, TN 37232-2561  
Email: richard.hoover@vanderbilt.edu  
(615) 343-8845  
Fax (615) 343-7023

**Application Info:**
On-line Application
Program Overview:
The Amgen Scholars Program is an intensive 10-week laboratory experience designed to recruit students interested in careers in biological and biomedical sciences at one of the top research institutions in the nation.

Program Dates:
May 29 – August 4, 2012

Eligibility Guidelines:
- U.S. Citizens or U.S. Permanent Residents;
- undergraduates enrolled in a four-year college or university in the U.S., Puerto Rico or other U.S. Territory at time of application and participation in the program;
- cumulative GPA of at least 3.2;
- sophomores with (4 quarters or 3 semesters of college experience), Juniors, and Non-graduating Seniors (who are returning in the fall to continue their undergraduate studies);
- interest in pursuing a Ph.D. or M.D. /Ph.D.

Program Award:
- generous stipend;
- housing provided;
- travel to and from St. Louis and travel to the Amgen Scholars Symposium;
- free public transportation pass for travel within the St. Louis Metro area.

Contact Info:
Ms. Rochelle Smith
Program Manager
(314) 362-7963
rsmith@wustl.edu

Application Info:
- On-line application;
Program Overview:
The 7-week Travelers Summer Research Fellowship Program is designed to give premedical students deeper insights into the field of medicine, including issues that greatly affect the health of traditionally underserved groups.

Program Dates:
June 18 – August 3, 2012

Eligibility Guidelines:
▪ juniors are eligible;
▪ for declared premed students who preferably have already taken biology, general chemistry, organic chemistry and physics;
▪ preference is given to students with a grade point average of B or above;
▪ applicants must be U.S. citizens or have permanent resident visa status.

Program Award:
▪ $140-a-week cost-of-living allowance;
▪ rent-free housing in the medical students dormitory;
▪ travel expenses are paid for students that live some distance from New York.

Contact Info:
Carlyle H. Miller, M.D., Associate Dean
Weill Cornell Medical College
445 East 69th Street, Room 110
New York, NY 10021
Phone: (212) 746-1057

Application Info:
Submit a resume that will include your permanent and current mailing addresses, telephone numbers, and e-mail address.
Mail To:
Carlyle H. Miller, M.D., Associate Dean
Weill Cornell Medical College
445 East 69th Street, Room 110
New York, NY 10021
Phone: (212) 746-1057
Program Overview:
The 9-week MIT Summer Research Program provides an exposure to state of the art research laboratories in MIT departments and over 60 interdisciplinary centers on MIT’s campus. Students work in a research laboratory under the guidance of experienced scientists and engineers.

Program Dates:
June 10th – August 11th, 2012

Eligibility Guidelines:
▪ International students, studying at a US institution are eligible to apply;
▪ However, the program does target domestic, underrepresented minorities;
▪ International students studying abroad are NOT eligible to apply;
▪ Sophomores, juniors and non-graduating seniors.

Program Award:
▪ A weekly stipend
▪ Round trip travel expenses
▪ University housing (students are responsible for their food expenses)

Contact Info:
Monica Orta, M.Ed
MIT Summer Research Program & Recruitment Coordinator
Office of the Dean for Graduate Education
Massachusetts Institute of Technology
77 Massachusetts Avenue, Building 3-138
Cambridge, MA 02139
Phone: 617-253-4846
Fax: 617-253-5620
Email: mmorta@mit.edu

Application Info:
On-line application
34. THE NATIONAL NANOTECHNOLOGY INFRASTRUCTURE NETWORK (REU)  
Deadline: 2/8/12

**Program Overview:**
The 10-week Research Experience for Undergraduates summer program is one of the largest and most successful in nanotechnology. Students are assigned a substantive research project at one of the state-of-the-art nanotechnology facilities. In mid-August, ALL interns travel to a common site (Washington, DC, in 2012) at our expense for a three-day Research Convocation, sharing their results and networking with their peers from other sites. A high percentage of projects result in publishable research.

**Program Dates:**
June through August, 2012

**Program Award:**
- $4000 stipend;
- travel and housing.

**Eligibility Guidelines:**
- if you have already participated in an NNUN or NNIN REU Program, you are NOT eligible to participate again;
- citizens or Permanent Residents of the United States of America or its possessions; if PR, a copy of your green card (both sides) is required as part of your application;
- undergraduate students who are enrolled in a degree program (part-time or full-time) leading to a baccalaureate or associate degree;
- students who are transferring from one college or university to another and are enrolled at neither institution during the intervening summer may participate;
- students ARE NOT eligible to participate if they have already received a 4-year baccalaureate degree of any kind or will receive their 4-year degree before the end of the program in August 2012;
- liability and the use of hazardous materials in research demands that our interns be 18 years of age or older;
- grade point average of 3.0 or better (first year students can still apply);
- participants must have health coverage for summer.

**Contact Info:**
Ms. Melanie-Claire Mallison
mallison@cnf.cornell.edu
Voice: 1-607-254-4858

**Application Info:**
On-line application information
Program Overview:
The 10-week Summer Undergraduate Research Fellowship Program in Quantitative and Phy Sci provides an intensive research training experience for students to pursue individual research projects under the direction of a member of the graduate school faculty.

Program Dates:
June 4 through August 10, 2012

Eligibility Guidelines:
- must be enrolled in a physics, computer science, mathematics, or chemistry degree program at the undergraduate level;
- must have completed the sophomore year;
- must be citizen or possess F1 visa.

Program Award:
- $4,000 stipend;
- cost of housing.

Contact Info:
Nancy Street
QP-SURF Director
Southwestern Graduate School
University of Texas Southwestern Medical Center
5323 Harry Hines Blvd.,
Dallas, TX 75390-9004
Tel: 214-633-1311
Email: QP-SURF@utsouthwestern.edu

Application Info:
- QP-SURF 2012;
**Program Overview:**
The 8-week Summer Research Opportunity Program is a research experience for undergraduates. All fields of research at Northwestern are open to participants including the social sciences and humanities, physical sciences, chemical and biological sciences, technology, math and engineering.

**Program Dates:**
June 17 through August 11, 2012

**Eligibility Guidelines:**
- current sophomore or junior;
- cumulative GPA of at least 3.2 on a 4.0 scale;
- U.S. citizen or permanent resident;
- interest in pursuing a doctoral degree at Northwestern University.

**Program Award:**
- $4000 stipend;
- Round-trip plane ticket (to Chicago);
- University housing (single rooms);
- Campus meal subsidy of $450 (not intended to cover all meals).

**Contact Info:**
Mario Craigen
Coordinator of Multicultural Affairs
The Graduate School
Northwestern University
633 Clark Street, Room 1-502
Evanston, IL 60208
Phone - 847-491-5995
Fax: 847-467-7600

**Application Info:**
- [On-line application](#);
Program Overview:
The 2-month Research in Industrial Projects for Students 2012 provides an opportunity for high-achieving undergraduate students to work in teams on a real-world research project proposed by a sponsor from industry or the public sector.

In addition to our annual RIPS-LA program held on the UCLA campus, IPAM is pleased to offer RIPS-Hong Kong, in partnership with Hong Kong University of Science and Technology.

Program Dates:
June 24 to August 24, 2012

Eligibility Guidelines:
▪ Must be enrolled in or have just completed an undergraduate (bachelors) degree;
▪ Students with strong background in mathematics, some programming experience, and an interest in seeing how mathematics is used in the real world are encouraged to apply;
▪ International students are eligible to apply for RIPS-LA.

Program Award:
▪ Stipend of $3000;
▪ Travel (airfare or mileage reimbursement) to IPAM is covered subject to certain rules and limits;
▪ Housing in the dorms is included;
▪ Most meals are covered as well.

Contact Info:
Institute for Pure and Applied Mathematics
460 Portola Plaza
Box 957121
Los Angeles, CA 90095-7121
Phone: 310-825-4755
Fax: 310-825-4756
Email us at: ipam@ucla.edu

Application Info:
Application
Program Overview:
The 10-week Research Experience for Undergraduates offers undergraduate students from colleges and universities around the country a chance to participate in research projects in the exciting and rapidly growing area of nanobiotechnology, a place where biology, medicine, and nanotech meet.

Program Dates:
June 4 to August 12, 2012

Eligibility Guidelines:
▪ undergraduate students who have completed their sophomore or junior year;
▪ under-represented students in science and engineering are encouraged to apply;
▪ only U.S. citizens and permanent residents are eligible to apply.

Program Award:
▪ $4800 stipend;
▪ Allowance for travel and housing.

Contact Info:
Ashanti Edwards
Academic Program Administrator for INBT
aedwards@jhu.edu
Phone: 410 516 6572

Application Info:
On-line Application
Program Overview:
The 10-week Summer Undergraduate Research Fellowship offers participants the chance to conduct full-time research in a BU lab and to encourage graduate education in the sciences, especially those from minority groups traditionally underrepresented in the sciences.

Program Dates:
June 4 to August 10, 2012

Eligibility Guidelines:
▪ rising Junior or senior only;
▪ US Citizen or Permanent Resident;
▪ cumulative GPA of 3.0 or above;

Program Award:
▪ $4500 stipend;
▪ $600 supplies allowance;
▪ $550 in travel expenses;
▪ housing in a BU apartment-style dorm;
▪ travel and lodging during the weekend of the October Undergraduate Research Symposium.

Contact Info:
Email: urop@bu.edu
Phone: 617-353-2020
Fax: 617-353-2056

Application Info:
▪ on-Line application;
Program Overview:
The 8-week Research Experience for Undergraduates summer program will offer students the opportunity to join an active research group with projects in the following areas: image processing ◊ control theory ◊ fluid dynamics ◊ mathematical biology and medicine ◊ mathematics of crime ◊ computer graphics, and other topics.

Program Dates:
June 18 to August 10, 2012

Eligibility Guidelines:
▪ Available to undergraduate students from southern California institutions; some space is available for masters students from non-PhD granting institutions; (preference given to those who wish to apply to PhD programs after completion of their degree);
▪ UCLA PhD students may apply;
▪ Applicants need not be US Citizens; limited space is available for foreign students;
▪ Preference is given to undergraduate students who are applied math majors with advanced standing, but all scientific majors are encouraged to apply;

Program Award:
Stipend of $6,000

Contact Info:
Andrea Bertozzi
bertozzi@math.ucla.edu

Application Info:
On-line application
Program Overview:
The 10-week Student Internship Program is an Independent research in a NIH laboratory. Students will join one of NIDDK’s research laboratories in Bethesda, Maryland, or Phoenix, Arizona.

Program Dates:
June through the first week of August, 2012

Eligibility Guidelines:
▪ Undergraduate students who have completed at least 1 year at an accredited institution;
▪ U.S. Citizen or permanent resident status;
▪ Minimum of 3.0 GPA.

Program Award:
▪ Student Participation Allowance ($2,500);
▪ Housing (students will share a fully furnished apartment a short distance from the NIH campus);
▪ Travel expenses to Bethesda, Maryland or Phoenix, Arizona (up to $500)

Contact Info:
Ms. Winnie Martinez, Program Analyst
OMHRC/NIDDK/NIH
Tel: 301-435-2988, Fax: 301-594-9358
Email: martinezw@mail.nih.gov

Application Info:
▪ Complete the on-line application at http://SIP.niddk.nih.gov or print and complete a paper copy.
**Program Overview:**
The 11-week Summer Undergraduate Research Fellowship provides for outstanding undergraduates to engage in state-of-the-art research with senior scientists and engineers in the areas of Materials reliability ◊ Mathematics and computational sciences ◊ Quantum physics ◊ Quantum electronics and photonics ◊ Thermophysical properties ◊ Statistical modeling and analysis ◊ Time and frequency metrology ◊ Electromagnetics.

**Program Dates:**
May 21 – August 3, 2012. Adjustments will be made to accommodate specific academic schedules.

**Eligibility Guidelines:**
▪ US Citizens or permanent residents;
▪ Undergraduates at a U.S. university or college with a technical major;
▪ G.P.A. of 3.0 or better;
▪ Student must be covered by a health insurance plan;
▪ Physics, Material Science, Chemistry, Mathematics, Computer Science, or engineering majors are encouraged to apply;
▪ Research opportunities for students with other majors available.

**Program Award:**
▪ Fellowship of $5,500;
▪ Living allowance;
▪ Travel allowance.

**Contact Info:**
Ms. Cindy Kotary
NIST, Office of the Director
Phone: 303-497-6235
Fax: 303-497-6235
E-mail: cindy.kotary@nist.gov

**Application Info:**
▪ [Student Application Form](#);
**48. NAT INSTITUTE OF STANDARDS & TECHNOLOGY, GAITHERSBURG, MD (SURF)**

**Deadline: 2/15/2012**

**Program Overview:**
The 11-week or lesser duration Summer Undergraduate Research Fellowship program is for students majoring in science, mathematics and engineering. Applications for participation in the SURF program are only accepted from colleges or universities, and not from individual students.

**Program Dates:**
May 24 - August 9, 2012; adjustments may be made to accommodate specific academic schedules (e.g., a limited number of 9-week: June 7 - August 9, 2012 slots).

**Eligibility Guidelines:**
- United States citizens or permanent residents;
- Undergraduates at a U.S. university or college with a scientific major;
- G.P.A. of 3.0/4.0 or better (recommended);
- Considering pursuing a graduate degree (M.S. or Ph.D.);
- Physics, material science, chemistry, applied mathematics, computer science, or engineering majors are encouraged to apply;
- Research opportunities for students with other majors available;

**Program Award:**
- $5,000 stipend for 11-week program; $454.55 per week for shorter duration
- Housing;
- Travel;
- Free continental breakfasts daily.

**Contact Info:**
Anita Sweigert
Telephone: 301-975-4200
Fax: 301-975-3038
E-mail: sweigert@nist.gov

**Application Info:**
- Student Application Form ;
**Program Overview:**
The 10-week Undergraduate Students Scholars Program in the NIH Center for Molecular Studies in Digestive and Liver Diseases is an organized program of summer lectures and presentations combined with basic research experience in the laboratory of an expert investigator.

**Program Dates:**
June 4 to August 10, 2012

**Eligibility Guidelines:**
- Open to undergrad students outside of the university, including internationally, with an interest in biomedical research leading to a M.D., Ph.D or M.D /Ph.D.
- International students are welcome to apply;
- Applications from women and members of underrepresented minorities are strongly encouraged.

**Program Award:**
- A stipend of $4000;
- On-campus housing available;

**Contact Info:**
Center for Molecular Studies in Digestive and Liver Diseases  
University of Pennsylvania Perelman School of Medicine  
600 Clinical Research Building  
415 Curie Boulevard  
Philadelphia, PA 19104-6144  
Telephone: (215) 573-4264  
Fax: (215) 573-2024

**Application Info:**
The application is available in Word or PDF format, or may be obtained by contacting the address above; or by email: ussp@mail.med.upenn.edu
Program Overview:
The Summer Multicultural Access to Research Training Program is a ten-week research internship for historically underserved undergraduates in science and engineering.

Program Dates:
June 4 - August 10, 2012

Eligibility Guidelines:
▪ Be 18 years or older
▪ Be U.S. citizens or permanent residents
▪ Be members of racial/ethnic groups severely underrepresented in science, math, and engineering (African American, Hispanic/Latino, American Indian/Alaska Native/ Native Pacific Islander), or be first-generation college students who are economically disadvantaged
▪ Have completed their second year of undergraduate study (the equivalent of 60 semester credit hours) by June of the year during which they apply
▪ Not earn a BA/BS before December of the year they participate

Program Award:
▪ tuition for 3 hours of upper-division undergraduate credit in independent study at the University of Colorado at Boulder;
▪ room and board in a campus residence hall;
▪ transportation to and from Boulder;
▪ stipend of $3,500.

Contact Info:
SMART Program
University of Colorado
UCB 347
Boulder, CO 80309-0347
Tel. 303-492-4607
Fax. 303-735-2944
smart@Colorado.edu

Application Info:
▪ Application Form Instructions (PDF);
▪ Apply on-line
Program Overview:
The 10-week Life Sciences Summer Undergraduate Research Program is a group of multidisciplinary programs that attract students from more than 200 undergraduate institutions, all 50 states, Puerto Rico, and the Virgin Islands.

Program Dates:
June (TBA), 2012

Eligibility Guidelines:
▪ Must be a citizen or permanent resident of the US or its possessions;
▪ Currently attending an accredited 2- or 4-year institution on a full-time basis;
▪ Interested in the life sciences.

Program Award:
See LSSURP Compensation Packet for the following:
▪ stipend;
▪ housing;
▪ travel;
▪ tuition.

Contact Info:
University of Minnesota - TC
College of Biological Sciences - LSSURP
124 Snyder Hall (Delivery Code 6174)
1475 Gortner Avenue
St. Paul, MN 55108-1095
Phone: 612-625-2275
Fax: 612-625-8256
Email: lssurp@umn.edu

Application Info:
▪ Print application instructions;
▪ Complete online application.
Program Overview:
The 8 to 10-week Nebraska Summer Research Program is a consortium of NSF-funded Research Experiences for Undergraduates and other Summer Research Opportunities Programs in the science, technology, engineering, and mathematics fields.

Program Dates:
June 4 – July 27/August 8, 2012 (8/10-week programs)

Eligibility Guidelines:
- U.S. Citizen or Permanent Resident;
- Current undergraduate with at least one semester of coursework remaining before obtaining a bachelor's degree (e.g. Students graduating in May 2011 are not eligible for the 2011 Summer Research Program);
- Applications are invited from the following persons:
  ♦ historically underrepresented in graduate education, including students with disabilities;
  ♦ currently attending academic institutions where research programs are limited.

Program Award:
- Stipends are paid on a weekly or bi-weekly basis;
- Room and board;
- Roundtrip airfare to Lincoln, NE, or mileage up to $400.

Contact Info:
Justina Clark
402-472-2869
jclark17@unl.edu

Mandy Bergeron-Bauer
402-472-0073
mandybergeron.graduate@unl.edu

Application Info:
- On-Line Application
- Supplemental Information Form Online
Program Overview:
The 9-week Environmental Health Research Experience Program is for undergraduates with interest in an interdisciplinary field that uses the tools of science to solve human health problems related to the environment.

Program Dates:
June 18 - August 17, 2012

Eligibility Guidelines:
▪ Undergraduate science students considering graduate school;
▪ At least a 3.0 GPA;
▪ US citizen or Permanent Resident.

Program Award:
$5,200 summer stipend;

Contact Info:
Undergraduate Program Manager & Adviser
Email: ehug@uw.edu
Call: 206-616-4177

Application Info:
▪ PDF Application;
**Program Overview:**
The 10-12 week Summer Student Fellowship and Minority Fellowship programs offer an enrichment opportunity with a meaningful first-hand introduction to research in oceanography, oceanographic engineering, or marine policy.

**Program Dates:**
Most students arrive between the end of May and mid June and stay for 10-12 weeks depending on their availability and that of their advisor.

**Eligibility Guidelines:**
**Summer Student Fellowships** -
- undergraduate students who will have completed their junior or senior year at colleges or universities by the start of the fellowship period;
- preference is given to students studying in any of the fields of science or engineering including but not limited to the fields of biology, chemistry, engineering, geology, geophysics, mathematics, meteorology, physics, oceanography, and marine policy;
- students must have at least a tentative interest in the ocean sciences, oceanographic engineering, mathematics, or marine policy;
- persons from under represented groups are encouraged to apply.

**Minority Fellowships** -
- enrolled in U.S. colleges or universities;
- academic interests in physical or natural science, mathematics, engineering, or marine policy;
- U.S. citizens or permanent residents of the United States;
- minority groups include African American or Black; Asian American; Chicano, Mexican American, Puerto Rican or other Hispanic; Native American, Alaska Natives, and Native Hawaiians;
- must have completed at least one year of undergraduate study;

**Program Award:**
- a stipend of $500 per week;
- additional support may be provided for travel to Woods Hole;
- housing allowance for institution housing.

**Contact Info:**
Michelle McCafferty
Undergraduate Programs Coordinator
Tel: (508) 289-2219
Email: education@whoi.edu

**Application Info:**
- [Online Summer Student Fellowship Program Application Form](#)
Program Overview:
Undergraduate students are encouraged to participate in the development of gravitational-wave astronomy through the LIGO Project. This intensive summer program takes place each year at Caltech, funded in part through the Research Experiences for Undergraduates (REU) Program of the National Science Foundation. The LIGO Project is an NSF-supported endeavor to design, build, and operate an astrophysical observatory for the detection and study of gravitational radiation. The observatory includes two sites (Hanford, Washington and Livingston Parish, Louisiana) with laser interferometric detector systems.

Program Dates:
June 18 through August 24, 2012 (somewhat flexible, depending on student's particular circumstances)

Eligibility Guidelines:
- Continuing undergraduate students (i.e. who will be students next year);
- Women and minorities are strongly encouraged to apply;
- Undergraduate students from all institutions (both U.S. and foreign) are invited to apply.

Program Award:
- $6,000 stipend;
- Caltech housing (about 30% of the stipend); move in by mid-June, not before;
- Funding or partial funding will be provided for transportation at the beginning and ending of program.

Contact Info:
Professor Kenneth G. Libbrecht
LIGO Undergraduate Research Program
Caltech 264-33
Pasadena, CA 91125
Email: kgl@caltech.edu

Application Info:
- Application Form
Program Overview:
The 8-week Summer Research Program is a research experience for undergraduates pursuing biomedical and behavioral science careers and provides positive and meaningful firsthand exposure to these fields.

Program Dates:
May 31 - July 27, 2012

Eligibility Guidelines:
▪ At least 24 hours of college credit;
▪ Biomedical or behavioral science major;
▪ Cumulative GPA of 3.2 or higher

Program Award:
Stipend (payment) of $3,200;

Contact Info:
Email: vgayfiel@iupui.edu
Call: (317) 274-8880

Application Info:
On-line Application Information;
Program Overview:
The 8-week Mentoring Summer Research Internship Program is designed to assist students in realizing their potential for graduate studies, in general, and at UCR, in particular.

Program Dates:
June 25 through August 18, 2012

Eligibility Guidelines:
▪ U.S. citizens or permanent residents;
▪ Entering junior or senior year at a 4-year institution;
▪ Interested in pursuing a graduate degree (masters or doctorate); those interested in professional degrees (i.e. J.D. or M.D.) should not apply;
▪ Students in good standing with a minimum 3.0 GPA.;
▪ Be from a background of socioeconomic hardship, first-generation college students, committed to diversity;
▪ Enrolled as a full-time undergraduate student at a four-year university or college in Fall 2011.

Program Award:
▪ Stipend ($3,000);
▪ Room and board (where appropriate);
▪ Out-of-state transportation.

Contact Info:
Maria Franco-Aguilar
Phone: 951-827-3680

Application Info:
Application Information
Program Overview:
The 10-week Undergraduate Summer Research Internship will provide participants with an opportunity to learn a wide range of cutting-edge genomics or bioinformatics techniques while working on research projects in biology (including systems biology, biophysics, bioinformatics and genomics), applied mathematics and computation.

Program Dates:
June 4 – August 10, 2012

Eligibility Guidelines:
▪ underrepresented minority students and students from disadvantaged backgrounds are particularly encouraged to apply;
▪ applications from rising sophomores, juniors and seniors;
▪ international students enrolled at US universities with valid student or work visas.

Program Award:
▪ Competitive stipend;
▪ Harvard housing

Contact Info:
Bodo Stern
Bstern@CGR.Harvard.edu

Application Info:
Application Information
59. THE UNIVERSITY OF CHICAGO, IL (REU SYSTEMS BIO) Deadline: 2/24/2012

Program Overview:
The 10-week summer Research Experience for Undergraduates focuses on how networks of genes work together to enable cells and organisms to respond to environmental and genetic changes.

Program Dates:
June 11 - August 17, 2012

Eligibility Guidelines:
▪ U.S. citizens or permanent residents;
▪ Students with computational science background are encouraged to apply;
▪ Enrolled in an accredited undergraduate college degree program with a concentration in a biological sciences related field.

Program Award:
Stipend of $4,000

Contact Info:
Barry Aprison, Ph.D.
Senior Lecturer, BSCD
Education and Outreach Director, IGSB & GGSB
The University of Chicago
Knapp Center for Biomedical Discovery
900 East 57th Street, Rm. 10-114
Chicago, IL 60637
baprison@bsd.uchicago.edu

Application Info:
▪ Application Form
**Program Overview:**
The 9-week Undergraduate Training Program is a Summer Health Disparities Research internship program for undergraduate students wanting to become biomedical scientists and physician scientists.

**Program Dates:**
June 11 to August 3, 2012

**Eligibility Guidelines:**
- sophomore and junior years;
- enrolled in local and national colleges and universities;
- undergraduate students from underrepresented and medically underserved communities.

**Program Award:**
Competitively compensated

**Contact Info:**
David Erghelegiu, MBA
Office for Student Development
Mortensen Hall 132
11085 Campus Street
Loma Linda, CA 92350
Tel (909) 558-8622
Fax (909) 558-0196
Email: chdmm@llu.edu

**Application Info:**
- [UTP application](#);
Program Overview:
The 8-12 week Diversity in Vision Research and Ophthalmology (DIVRO) Summer Internship Program will be held either at the NIH campus in Bethesda, MD or at the Twinbrook facility at Fishers Lane in Rockville, MD. Summer interns participate in research projects that include but are not limited to age-related macular degeneration, ophthalmic genetics, retinal cell biology, the neurobiology of vision, and the immunology of the eye.

Program Dates:
Program start dates are: May 21, June 4, and June 18, 2012 (interns can start in July once the mentors approve)

Eligibility Guidelines:
▪ U.S. citizen or permanent resident;
▪ Accepted or currently enrolled in an accredited U.S. college, university, or medical/dental school.

Program Award:
Stipend is commensurate with experience and qualifications.

Contact Info:
Dr. Cesar Perez-Gonzalez
Summer Intern Program Coordinator
cesarp@nei.nih.gov
Phone: 301-451-6763

Application Info:
Interested candidates must apply through the NIH Summer Internship Program;
Note:
▪ For Question #9 of the on-line application, Preferred Institute/Center (IC): National Eye Institute (NEI);
▪ In your Cover Letter, please indicate your interest in the DIVRO program.
Program Overview:
The 10-week University of Maryland, Public Health Summer Training and Research Program is designed to provide participants with two consecutive summers of research training and career development program in biomedical and behavioral science relevant to preventing and treating cardiovascular disease.

Eligibility Guidelines:
- Citizen or permanent resident of the U.S;
- Enrolled full-time at a 4-year university;
- Sophomore or junior with a 3.0 or better cumulative grade point average;
- Come from a under-represented minority group, disadvantaged background, and/or have a disability;
- Desire to pursue a PhD in biomedical or bio-behavioral sciences;
- Willing to commit to the program for 2 consecutive summers.

Program Award:
- $4,800 summer stipend;
- On-campus housing.

Contact Info:
James Hagberg, PhD

Application Info:
Completed Application Form;
Program Overview:
The 8-week Summer Research Opportunities Program and McNair Scholars Program will provide a challenging research experience for students in the field of Biological Sciences, Engineering, Humanities, Mathematics, Physical Sciences, or Social Sciences.

Program Dates:
June 3, through Friday, July 27, 2012.

Eligibility Guidelines:
▪ Hold “sophomore or junior” standing toward completion of the bachelor’s degree;
▪ Be enrolled in a STEM field program (Science, Technology, Engineering and Mathematics) or a field closely related;
▪ Have achieved a 3.0 or higher cumulative grade point average (GPA; based on a 4.0 point scale);
▪ Have a stated goal of achieving a doctoral degree (Ph.D.), following completion of the bachelor’s degree;
▪ Be a citizen or national of the U.S.; or be a permanent resident of the U.S.; or provide evidence from the Immigration and Naturalization Service of his/her intent to become a permanent resident; or be a permanent resident of Guam, the Northern Mariana Islands, or the Trust Territory of the Pacific Islands; or be a resident of one of the Freely Associated States;
▪ Be a low-income individual who is a first-generation college student; or be a member of a group that is underrepresented in graduate education.

Program Award:
▪ $3,200 summer stipend;
▪ room & board;
▪ transportation to/from Iowa.

Contact Info:
Diana J. Bryant
SORP/McNair Scholars Program Coordinator
Office of Graduate Ethnic Inclusion
The Graduate College
Room 411 Gilmore Hall
University of Iowa
Iowa City, IA 52242

Application Info:
▪ [Application]
Program Overview:
The 10-week Summer Research Experience for Undergraduates provides an opportunity for students to become fully immersed in cutting-edge research in the fields of chemical biology, chemical physics, and analytical, atmospheric, bioinorganic, bioorganic, computational, inorganic, materials, organic, physical, polymer, surface, and theoretical chemistry.

Program Dates:
June 21 to August 24, 2012

Eligibility Guidelines:
▪ Science majors with sophomore, junior, or senior standing;
▪ U.S. citizens or permanent residents and have health insurance coverage;
▪ Women, underrepresented groups, individuals from economically and socially disadvantaged backgrounds, and persons with disabilities are especially encouraged to apply.

Program Award:
▪ $4000 Stipend;
▪ On-campus housing;
▪ Travel reimbursement.

Contact Info:
Professor Fillmore Freeman, Ph.D.
NSF REU Chem-SURF Program
Department of Chemistry
1102 Natural Sciences II
University of California, Irvine
Irvine, CA 92697-2025
chemsurf@chem.uci.edu

Application Info:
▪ Complete application;
Program Overview:
The 9-week Summer Short-Term Training Program to Increase Diversity in Health-Related Research is designed to encourage students to pursue careers in biomedical research, conduct projects and participate in academic enhancement activities.

Program Dates:
June 11 through August 15, 2012

Eligibility Guidelines:
• Underrepresented minority students (African-Americans, Native Americans, Hispanics or Pacific Islanders) or students with disabilities;
• U.S. citizens or permanent residents;
• Undergraduate or master’s level students;
• In good academic standing.

Program Award:
• a stipend of $4,000;
• travel expenses and free housing in a university apartment;
• travel to and from the campus;
• trainee research funds.

Contact Info:
(937) 775-2395
Fax: (937) 775-7221
E-mail: streams@wright.edu

Application Info:
On-line Application Form
66. OREGON HEALTH & SCIENCE UNIVERSITY, PORTLAND, OR (EQUITY 2012)
Deadline: 4/2/2012

Program Overview:
The 8 to10-week OHSU Equity Summer Research, Dental and Medicine Internship Program offers an exciting opportunity to work with faculty and graduate students in a research setting, learning new skills, and gaining hands-on experience.

Program Dates:
June 18 – August 10, 2012

Eligibility Guidelines:
▪ completed at least one undergraduate college year by the start date of the program;
▪ completed coursework in the basic sciences and mathematics;
▪ experienced significant disadvantage: economic, educational, ethnic/cultural, family circumstances, etc.;
▪ U.S. citizen or permanent U.S. resident.

Program Award:
▪ $9.00 per hour stipend;
▪ Limited support may be available for housing assistance;
▪ Program supports travel if sufficient funding is in place.

Contact Info:
Ebony Lawrence
Email: lawreneb@ohsu.edu

Center for Diversity & Multicultural Affairs (CeDMA),
1115 Mackenzie Hall
Phone number: (503) 494-5657
Fax number: (503) 494-4916
Email: CeDMA

Application Info:
▪ Equity Application Form;
67. NSF - RESEARCH EXPERIENCE FOR UNDERGRADUATES (REU)

REU Sites (search under broad topics)
- Astronomical Sciences
- Atmospheric and Geospace Sciences
- Biological Sciences
- Chemistry
- Computer and Information Science and Engineering
- Cyberinfrastructure
- Earth Sciences
- Engineering
- International Science and Engineering
- Materials Research
- Mathematical Sciences
- Ocean Sciences
- Physics

Program Overview:
NSF funds a large number of research opportunities for undergraduate students through its REU Sites program. An REU Site consists of a group of ten or so undergraduates who work in the research programs of the host institution. Each student is associated with a specific research project, where he/she works closely with the faculty and other researchers.

Program Dates:
Dates vary according to sites; be sure to check individual sites to be certain that the dates do not conflict with your schedule at UCLA.

Eligibility Guidelines:
Undergraduate student participants in either Sites or Supplements must be citizens or permanent residents of the United States or its possessions.

Program Award:
Students are granted stipends and, in many cases, assistance with housing and travel. To inquire about possible funding opportunities, please contact the organizations that have received awards.(Do not contact NSF.)

Application Info:
Students must contact the individual sites for information and application materials. NSF does not have application materials and does not select student participants. Contact person and contact information is listed for each site.