Summer Research Opportunities and Programs

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SUMMER RESEARCH & INTERNSHIP OPPORTUNITIES

WOULD YOU LIKE TO EARN $2500 - $5000 THIS SUMMER WHILE HAVING AN EDUCATIONAL EXPERIENCE?

PAID SUMMER RESEARCH INTERNSHIPS

This newsletter provides you with information about Summer Research Programs (SROPs). These programs provide talented students with the opportunity to gain research experience at a top research institution for a period of 6 to 12 weeks of the summer AND PAY STUDENTS FOR DOING SO. If you are accepted into an SROP, the host institution will typically cover your travel and room and board and will pay you a stipend of $2,500 to $5,000.

SROPs are typically open only to under-represented minority students (i.e., Hispanics, African Americans, Native Americans, and Pacific Islanders), but some are also open to first-generation college students who receive Pell grants, and some science and engineering programs are open to women who are under-represented in those fields.

These summer research programs provide terrific opportunities for you to learn new skills and enhance the education you are receiving at UTSA. Most of the programs are research-based and provide an opportunity for undergraduates to learn more about graduate study (especially study leading to a Ph.D.). Although the majority of the SROPs featured in this newsletter are designed to encourage students to pursue careers in research – in a variety of fields, -- several of them are designed for students who are considering careers in medicine, dentistry, or public health. You will also find programs for students in business, education, and engineering.

This newsletter provides you with links to the websites of the individual programs. The listing specifies the institution and the fields of study that the program covers. Application deadlines range from January to March. Click on the links to learn more about eligibility requirements and application procedures.

If you have questions about these SROPs or want assistance with your application, please feel free to contact me (ann.eisenberg@utsa.edu). I work with students who are interested SROPs by reviewing their personal statements and essays and by writing letters of recommendation for these programs.

Please take advantage of the exciting opportunities available to you!

If you don’t believe me when I say these programs are valuable, check out the student testimonials on the next pages!

Ann R. Eisenberg, Ph.D.
Associate Dean of the Honors College

The Honors College is located in MS 4.02.14. To contact us, send an e-mail to honors@utsa.edu or call (210) 458-4106.
During summer 2013, I participated in the Johns Hopkins University School of Medicine Summer Internship Program (SIP). I joined Dr. Honggang Cui’s Lab in the Department of Chemical and Biomolecular Engineering to study supramolecular nanomedicine for anti-cancer drug delivery and imaging applications. I was paired with graduate student mentor Yi-An Lin to create nanostructures for delivery of the antibiotic sulfamethazine. Although this laboratory had a strong focus on chemical engineering, I managed to give my project a bioengineering focus, and tried to develop a hydrogel out of our structures for tissue engineering applications. In addition, my mentors were very supportive of my initiative in pursuing my own research direction. I liked the fact that everyone in the lab (including Dr. Cui) was easy to approach and helpful not only in the lab, but also in other aspects, such as presentations, research directions, and reviewing the literature.

The SIP is a 10-week, research-intensive program. We spent most of our time pursuing full-time research at one of JHU’s labs, but there were also academic and social activities planned for us. Each week, we had journal club sessions, where two SIP students were partnered to give a one-hour presentation on literature relevant to their research projects. There were information sessions on applying to both medical and graduate school at Johns Hopkins. The program staff also introduced us to the city of Baltimore, giving us a guided bus tour of the city and providing tickets to attend an Orioles game. Since I am interested in an MD/PhD, I also took the opportunity to volunteer at the Johns Hopkins Hospital and a local homeless shelter and to shadow a surgeon. We could go on rounds with medical students, observe surgeries, and even met world-class physicians, like Dr. Ben Carson.

One of the greatest impacts, however, came from the relationships that I made with other SIP students. I was able to interact with students who have interests similar to mine, and I met a variety of students from different backgrounds. Through 2:00 a.m. discussions of philosophy and joint explorations of Washington, DC, I harvested relationships that I will carry with me throughout my life. You never know where the people you meet will end up, and it is a great way to meet individuals who can speak about your professional abilities.

I would recommend that any student who is even thinking about graduate school participate in this type of program. It is a great way to get exposed to the graduate school environment, experience life at a school that interests you, and get your foot in the door. Once in the program, take the opportunity to meet researchers you are interested in working with (and the admissions committee) and a weekend or two to explore interesting places in the vicinity of your program. Finally, don’t be intimidated of the big name schools. Applying is free and you have nothing to lose, I would not have guessed I would do research at the places I have been to.
Summer 2013 was by far one of the best times of my entire life. I had the pleasure of working at one of the most prestigious universities and research institutes in the world, the California Institute of Technology. Not only did I get to meet great students, but I had the pleasure of working with the pioneer of developmental research on the neural crest on chicken embryos, Dr. Marianne Bronner. Working in the Bronner lab was definitely a challenge but by far the most rewarding experience in my life and my academic career. In fact, because of those 10 weeks I spent at CALTECH, I want to pursue a Ph.D. in cell, molecular or developmental biology.

The research was great and I was fortunate to be one of the undergraduate summer interns with the most data. Although I had some research experience at UTSA, getting my hands on a different area of biology was beyond rewarding. Because of my research there, I finally understood that saying “Choose a job you love and you will never have to work a day in your life!” Working in a developmental biology lab and working with chicken embryos was amazing. I loved watching the embryos under the microscope. I actually enjoyed performing immunohistochemistry and enjoying the different colors that stained different proteins.

The research was an amazing experience and the mentoring was even better. I was fortunate to converse with Dr. Bronner about graduate school and research. I also made strong relationships with post-doctorate fellows and my co-mentor Dr. Crystal Rogers, who was beyond helpful in this journey. She was by far the best asset in the internship. I still keep in contact with my co-mentor, my mentor and a few post-docs. Because of these relationships, I have met people at other institutions. In fact, I had the opportunity to visit the Stowers Institute of Medical Research a few months ago. A post-doc from the Bronner lab got me in contact with a graduate student there and, because of my work at the Bronner lab, I was able to converse with a few scientists and now I have an interview at Stowers for their graduate program. My point is that these summer programs not only provide great research experiences but they also provide their students with a larger professional network, which comes in very handy in the future.

The summer program that funded my research was the Minority Undergraduate Research Fellowship program (MURF). This program at CALTECH was not only the best paid out of the programs I applied to, but the staff and advisors were extremely helpful and friendly. During the program, the program paid for me to visit various sites in Los Angeles and Pasadena. I also presented orally at the end of the summer seminar and I wrote a final paper, which was about as long as my undergraduate thesis.

This summer program opened many doors for me. Just mentioning at scientific conferences that I worked in the Bronner lab at CALTECH for the summer increased my professional network. Because of this summer program, I am now sure of my career of choice and I look forward to pursuing a career in scientific research.
During my undergraduate career, I have been fortunate to have participated in two summer research programs. Each time I worked with an electrical engineering professor on a project for ten weeks. The first was in Boulder, Colorado, and the second was at Austin, Texas.

In 2012, I participated in the Summer Multicultural Access to Research Training (SMART) at the University of Colorado. I worked in the lab of Dr. Garret Moddel, where I created electromagnetic simulations of an electronic device.

In 2013, I participated in the National Nanotechnology Infrastructure Network (NNIN) Research Experience for Undergraduates (REU) at the University of Texas. I worked the lab of Dr. Deji Akinwande, where I fabricated transistors using a two-dimensional material.

I enjoyed my experience at both programs because I learned more carrying out research than I ever could from just taking classes. I recommend that any student who is interested in graduate school participate in a summer research program so they can see what life is like as a graduate student.
CIC: Committee on Institutional Cooperation  
SPRO (Summer Research Opportunities Program)  

**Program Dates:** 8 to 10 weeks  
**Stipends:** All Expenses Paid plus $3000 to $5000  
**Research Area(s):** ALL FIELDS  
**Description:** The CIC (Committee of Institutional Cooperation) SROP goal is to increase the number of underrepresented students who pursue academic careers by enhancing their preparation for graduate study through intensive research experiences with faculty mentors. Students are matched with faculty mentors who are engaged in research in the student's general area of interest. Students either participate in an on-going research project or develop one of their own in consultation with their faculty mentor. The major activity of the SROP is an in-depth research experience with students working one-on-one with faculty mentors. SROP students are required to write a paper and an abstract describing their projects and to present the results of their work at a campus symposium.  
**Deadline:** February 10, 2014.

http://www.cic.net/Home/Students/SROP/Home.aspx  
University of Illinois at Urbana-Champaign  
http://www.grad.illinois.edu/srop  
University of Iowa  
http://ogi.grad.uiowa.edu/srop/  
University of Michigan  
https://rackham.umich.edu/prospective-students/srop  
Michigan State University  
http://www.grad.msu.edu/SROP/  
University of Minnesota  
https://diversity.umn.edu/gradeducation/research  
University of Nebraska-Lincoln  
http://www.unl.edu/summerprogram/  
Northwestern University  
http://tgs.northwestern.edu/diversity/summer-research/srop  
Ohio State University  
http://gradsch.ohio-state.edu/summer-research-opportunities-program  
Pennsylvania State University  
http://www.gradsch.psu.edu/index.cfm/diversity/srop/  
Purdue University  
http://www.gradschool.purdue.edu/diversity/srop-marcaim.cfm  
Rutgers University  
http://rise.rutgers.edu/index.php  
University of Wisconsin-Madison  
http://www.grad.wisc.edu/education/diversity/srop
Leadership Alliance
SR-EIP (Summer Research Early Identification Program)

http://www.theleadershipalliance.org/Programs/SummerResearch/ProgramStructure/tabid/242/Default.aspx

Program Dates: 8 to 10 weeks.
Stipend: **ALL EXPENSES PAID** Stipend, travel and housing.
Research Area(s): Sciences, social sciences, and humanities

Description: The Leadership Alliance Summer Research Early Identification Program (SR-EIP) for underrepresented students offers undergraduates the opportunity to work for 8 to 10 weeks under the guidance of a faculty or research mentor at a participating Alliance institution or corporate sponsor. Through this one-on-one collaboration, students gain theoretical knowledge and practical training in academic research and scientific experimentation. SR-EIP is designed to encourage students from groups traditionally underrepresented in the sciences, social sciences, and humanities, to consider research careers in academia, business, or the public sector.

Deadline: February 1, 2014

**Participating Universities**

- Brown University
- Columbia University
- Dartmouth College
- Harvard University
- Howard University
- Hunter College
- Johns Hopkins University
- New York University
- Princeton University
- Stanford University
- Tufts University
- University of Chicago
- University of Colorado Boulder
- University of Maryland, Baltimore County
- University of Miami
- University of Pennsylvania
- University of Virginia
- Vanderbilt University
- Washington University in St. Louis
- Weill Cornell Programs
- Yale University
AMGEN SCHOLARS
Summer Research Program in Science and Biotechnology

Discover Your Potential

Amgen Scholars
An Undergraduate Summer Research Program in Science and Biotechnology

Host Universities in the U.S.:
- California Institute of Technology
- Columbia University/Earnard College
- Massachusetts Institute of Technology
- Stanford University
- University of California, Berkeley
- University of California, Los Angeles
- University of California, San Diego
- University of California, San Francisco
- University of Washington
- Washington University in St. Louis

The Amgen Scholars U.S. Program provides hundreds of selected undergraduate students with the opportunity to engage in a hands-on research experience at some of the nation’s leading educational institutions. Currently, 10 universities in the U.S. host the summer research program. The Amgen Foundation has committed $84 million over eight years to this global initiative to make this opportunity possible to more than 2,400 students.

Inspiring the Scientists of Tomorrow
As Amgen Scholars, students will have the opportunity to:
- Take part in important university research projects, gain hands-on lab experience and contribute to the advancement of science;
- Interact with and receive guidance from faculty mentors, including some of the nation’s top academic scientists; and
- Attend scientific seminars, workshops and other networking events.

The Amgen Scholars U.S. Symposium
A signature component of the summer program is a mid-summer symposium where students hear firsthand from leading scientists working in industry and academia. The U.S. symposium is held in California and provides students with a valuable opportunity to network with other Amgen Scholars from across the U.S.

www.amgenscholars.com
University of Minnesota (UMN)
SURE (Summer Undergraduate Research Program)
http://www.cehd.umn.edu/ICD/REU/default.html

Program Dates: June 2 - August 8, 2014
Stipend: $5,000 stipend and room and board. Some costs for long distance travel may be defrayed.
Research Area(s): Behavioral sciences, cognitive sciences, mental health.
Program Overview: This intensive ten-week program serves up to 12 undergraduates who are considering future research and graduate work in the behavioral and cognitive sciences. This University of Minnesota program offers students an ideal opportunity to explore their future options in an intellectually challenging and socially rewarding context. The program is funded by the National Science Foundation and the University of Minnesota.
Application deadline: February 15, 2014. All applicants will be notified of their status no later than April 1, 2014.

University of Michigan (UM)
CIC SROP (Summer Research Opportunity Program)
http://www.rackham.umich.edu/prospective-students/srop/

Program Dates: May 31 – August 2, 2014.
Stipend: $4,000 stipend, room and board, (students will be responsible for weekend meals), round trip to and from the University of Michigan, and GRE preparation course.
Research Area(s): Humanities, arts, social sciences, engineering and physical or natural sciences.
Program Overview: The University of Michigan Summer Research Opportunity Program (SROP) offers outstanding undergraduates underrepresented in their field of study the opportunity to conduct intensive research across a variety of disciplines. The goal is to prepare students for advanced studies in a Ph.D. program at U-M. The SROP allows undergraduates the opportunity to work on graduate level research projects with faculty. Students work with faculty mentors either on an individual basis or as part of a research team. Research teams may also include graduate students, research scientists, and other SROP students.

University of North Carolina
Moore Undergraduate Research Apprentice Program
Announcement of Summer Student Fellowships
http://murap.unc.edu/

Stipend: $3,500, stipend, $1,500 meal allowance, any required books, and up to $500 travel allowance.
Research Area(s): Humanities, social sciences, and fine arts.
Program Overview: The Moore Undergraduate Research Apprentice Program (MURAP) is a paid summer fellowship designed to foster the entrance of talented students from diverse backgrounds within the humanities, social sciences, and fine arts into graduate school and faculty positions in U.S. colleges and universities.
The Ronald E. McNair Post-Baccalaureate Achievement Program was created under the Higher Education Amendments of 1986. It was named in honor of Dr. Ronald E. McNair (an African-American engineer, scientist and astronaut who perished in the 1986 explosion of the space shuttle Challenger).

The McNair Scholars Program, as it is commonly referred to, will assist economically qualified, first generation college students and students from underrepresented groups in doctoral studies and scholarly activities. The program will provide services to underrepresented groups such as Hispanics, African Americans, Native/Alaska Americans and students with disabilities. All these activities are designed to prepare McNair scholars for the rigors of doctoral work and will ensure their preparation in all ways possible to obtain a Ph.D. or other terminal degree. They will receive the following supportive and academic services:

- Mentoring from Grad Students and Faculty
- Tutoring Referrals/Assistance
- Academic Advising by Grad Students & Faculty
- Intensive Faculty-led Research Activities
- GRE Prep Workshops and Exam Tips
- 10-week Summer Research Institute
- Presentations at Research Symposia
- Doctoral Prep Colloquial Series
- Participation at Regional McNair Conference
- Assistance with Graduate School Application Process
- $2,800 Stipend for Meeting Specific Milestones Throughout the Year
- Travel to Professional Conferences for Presenting Research
- Financial assistance for Room and Board on a case by case basis

All these activities are designed to prepare UTSA McNair scholars for the rigors of doctoral work and will ensure their preparation in all ways possible to obtain a Ph.D. or other terminal degree. McNair Staff will consult with UTSA colleges and other offices to identify and recruit eligible program participants. The UTSA McNair Scholars program is directed by Ms. Rita Cortez, Executive Director and will be housed at the 1604 Campus.

For program information or to apply for the program, please contact Rita E. Cortez at 458-4093 or rita.cortez@utsa.edu or email trio@utsa.edu
2014 ICPSR Summer Program
http://www.icpsr.umich.edu/sumprog/

Program Dates: Two 4-week sessions, TBA.
Research Area(s): Social Research.
Description: Founded in 1963, the ICPSR Summer Program is recognized throughout the world as the preeminent forum for basic and advanced training in the methodologies and technologies of social science research. We serve a diverse multidisciplinary and international constituency. Our general instructional philosophy emphasizes the integration of methodological strategies with the theoretical and practical concerns that arise in research on substantive social issues. The ICPSR Summer Program also creates a unique and supportive social environment that facilitates professional networking and encourages the exchange of ideas about the theory and practice of social science research.
Registration will begin in February 2014.

Smithsonian

http://www.si.edu/OFI

This link will take you to a page provides tools to search, filter or browse approximately 100 learning opportunities at the Smithsonian Institution:
- Search across all Smithsonian opportunities by entering keywords in the search box in the panel to the left related to the topic or kind of opportunity that interests you, then click the magnifying glass to search;
- Filter the opportunities according to your preferences: For example, which museum(s) or offices interest you? Are you looking for an internship or fellowship? Paid or unpaid? Expand the filter box by clicking on the arrow, click on the items that interest you, and then click on Search at the bottom of the panel to the left; or
- Browse through lists of opportunities arranged alphabetically according to the Smithsonian museum or office that manages each opportunity. You can browse through the internship opportunities, the fellowship opportunities, or all opportunities displayed together by clicking on one of the boxes shown below.

Searching, filtering or browsing will lead you to descriptions of opportunities that are displayed in the same way. Standard information about each opportunity includes: which museum or office serves as host; who is eligible to apply; how to apply; the duration and stipend; and a person to contact if you have questions. You Program descriptions may include links to relevant websites about the opportunity or about the host museum or office.

When you've selected the opportunity that interests you most, click on Apply to access SOLAA, the online application system.
Smithsonian Institution
MIP (Minority Internship Program)
http://www.smithsonianofi.com/minority-internship-program/

Program Dates: 10 weeks TBA.
Stipend: $550 a week, travel allowances in some cases.
Research Area(s): Animal behavior, ecology, and environmental science, including an emphasis on the tropics
Anthropology, including archaeology,
Astrophysics and astronomy
Earth sciences and paleobiology
Evolutionary and systematic biology
History of science and technology
History of art, especially American, contemporary, African, and Asian art, twentieth-century American crafts, and decorative arts
Social and cultural history of the United States
Folklife
Description: The Minority Internship Program administered through the Office of Fellowships and Internships provides students the opportunity to experience the Smithsonian as a universal lens for learning. Under the guidance of Smithsonian staff who are experts in their fields, Smithsonian Minority Interns are inspired to learn, examine and collaborate in their specific academic fields that relate to current research at the Smithsonian.
Deadline: February 1, 2014.

Smithsonian Institution
National Air and Space Museum Summer Internship Program
http://airandspace.si.edu/research/internships/

Program Dates: A commitment of 10 weeks during the summer is required. Full-time interns work 40 hours per week from approximately the first week in June until the second week in August.
Stipend: A $5,500 stipend is provided to help interns defray expenses. Information on lodging resources are provided upon selection as an intern, but interns are responsible for locating and securing lodging.
Research Area(s): Interactive media, museology, history, aviation, space science, budget and finance, architecture and engineering, graphic design, photography, journalism, education, aircraft restoration and preservation, earth and planetary studies, archives, development, exhibits, public affairs, science and library disciplines.
Location and Schedule: Most interns work in the National Air and Space Museum on the National Mall in Washington, D.C. Some work at the Steven F. Udvar-Hazy Center in Chantilly, Virginia or at the Paul E. Garber Preservation, Restoration, and Storage Facility in Suitland, Maryland.
Description: Our Summer Internship Program offers an opportunity for work experience to college and university students in a wide variety of disciplines. Interns have a firsthand opportunity to learn about the historic artifacts and archival materials housed in the Museum and to study the scientific and technological advances they represent. Each year positions are available in a variety of Museum areas such as aircraft restoration; aviation or space history; planetary science; collections management; web and new media; exhibit and graphic design; public relations; budget and finance; architecture and engineering; and education. Students from all fields of study are encouraged to apply.
Deadline: Applications will be accepted from January 15 to February 15, 2014. Interns will be notified of the status of their application by April 1, 2014.
Smithsonian Institution
James E. Webb Internship for Minority Undergraduate Juniors, Seniors and Graduate Students in Business and Public Administration

**Program Dates:** 10 weeks TBA.
**Stipend:** $550 a week, and a travel allowance may be provided.
**Research Area(s):** Management of non-profit organizations.
**Description:** This program was established in honor of the late James E. Webb, Regent Emeritus and former Administrator of the National Air and Space Administration (NASA). These learning opportunities are intended to increase participation of minority groups who are underrepresented in the management of not-for-profit scientific and cultural organizations. Interns are placed with mentors in offices, museums, and research institutes throughout the Smithsonian Institution.
**Deadline:** February 1, 2014.

University of Iowa (UI)
ISURP (Interdisciplinary Summer Undergraduate Research Program)
http://molcellbio.grad.uiowa.edu/summer-undergraduate-research-program

**Program Dates:** May 27–August 1, 2014.
**Stipend:** $3,750 stipend, housing in University of Iowa dormitories, and an additional award of up to $500 for travel to and from Iowa City.
**Research Area(s):** Genetics, Immunology, Molecular & Cellular Biology, and Neuroscience (including Neuropsychology).
**Description:** The Interdisciplinary Summer Undergraduate Research Program allows students to pursue broad research interests in modern biological research. The interdisciplinary nature of the program transcends traditional discipline-specific boundaries to provide an exciting research training experience. Participants will gain laboratory research experience, participate in a seminar program designed especially for this program, and have the opportunity to join in informal social events.
**Deadline:** February 1, 2014.
Columbia University and Barnard College
Amgen Scholars SRP (Summer Research Program)
http://www.columbia.edu/cu/biology/ug/amgen/

Program Dates: May 27 - Aug 1, 2014.
Stipend: Participants receive a stipend of $4000 and housing on the Morningside campus of Columbia University.
Research Area(s): Biology, biomedical fields, medicine, psychology.
Description: Students work full-time (about 40 hours/week) on independent study projects under the guidance of a research scientist and attend Amgen Scholars research presentations.
Deadline: February 3, 2014, by 5 p.m.

University of California Berkeley (UC Berkeley)
SROP (Summer Research Opportunity Program)
http://diversity.berkeley.edu/undergraduate-research-programs

Program Dates: June 8– August 2, 2014.
Stipend: $4,000 stipend, room & board, travel.
Research Area(s): Arts and humanities, social sciences, ad physical sciences.
Description: The Summer Research Opportunity Program (SROP) at the University of California, Berkeley, was established to promote access to graduate education among undergraduates who have been educationally or economically disadvantaged and who may not have had exposure to the academic environment of a research university. Students work with a faculty member in the student's area of interest.
Deadline: February 3, 2014. Scholars admitted to SROP will be notified from mid to late March 2014.
University of Maryland (UM)
SRI (Summer Research Initiative)
http://www.bsos.umd.edu/diversity/landingtopic/summer-research-initiative

Program Dates: June 2—July 25, 2014
Stipend: $2,700 stipend (before taxes), room and board, and round-trip air fare.
Research Area(s): All departments and centers within the College of Behavioral and Social Sciences have been invited to participate.
Description: The Summer Research Initiative is a full-time, 40-hour-per-week commitment; therefore, students should not register for any summer classes or hold employment during the program period. Participants are required to attend all seminar series and program events (on and off-campus), meet with mentors regularly, and complete all scheduled assignments.
Deadline: February 2014. For exact date check website for updated information.

Rutgers State University of New Jersey & University of Medicine & Dentistry of New Jersey (UMDNJ)
RISE (Research in Science & Engineering)
http://rise.rutgers.edu/

Program Dates: May 27—August 1, 2014.
Stipend: $4,000, on-campus housing, travel reimbursement for up to $500.
Research Area(s): Sciences, technology, engineering, math, behavioral/social sciences.
Description: Students spend most of their time working on research under the guidance of a faculty mentor and a near-peer mentor, typically a graduate student in the advisor's group. Students help design and implement the project. The program culminates with a summer symposium at which students present their work.
- Deadline: There is no hard deadline. Applications are reviewed in the order completed, and admission continues until all open spots have been filled.
The Curry School of Education at The University of Virginia
http://curry.virginia.edu/research/projects/surp

Program Dates: First week in June—July 31, 2014 (8-week program)
Stipend: $3,000, housing, $500 towards meals and up to $250 for travel to/from Charlottesville.
Research Area(s): Educational Psychology and Developmental Science.
Description: The EP-ADS Summer Undergraduate Research Program aims to help students strengthen the skills needed to get into and successfully complete a doctorate program in education research. It will introduce students from underrepresented groups to ongoing research at UVA and will give them experience to help make them qualified candidates for doctorate programs in education research.
Deadline: February 1, 2014

Stanford University
SSRP in Biomedical Sciences (Stanford Summer Research Program)
http://ssrp.stanford.edu/

Stipend: Stanford will provide students with summer housing, meals, and travel to and from the summer research program. Additionally, all SSRP participants will receive a $3,600 stipend.
Research Area(s): Biomedical fields.
Description: Each participant is matched with a member of Stanford’s distinguished faculty and will work in one of Stanford’s state-of-the-art research facilities. Participants will work with both a faculty member and a lab mentor to craft a research project. The lab environment provides challenging projects and involves a broad range of research techniques that are feasible within the 8 week period. The program then culminates with a research symposium, where students present individual talks and posters on their summer projects in front of the faculty, lab mentors, and University administrators.
University of California Los Angeles (UCLA)

SPUR (Summer Programs for Undergraduate Research)
http://www.gdnet.ucla.edu/asis/srp/srpintro.htm

Program Dates: Most programs run eight weeks, Sunday, June 22, 2014 to Saturday, August 16, 2014. Some programs in the sciences, technological, engineering and mathematics fields run 10 weeks, Sunday, June 22, 2014 to Friday, August 29, 2014. 

Stipend: Stipend varies. Room and a meal allowance provided. Program participants are required to reside in assigned University housing. 

Research Area(s): Any field. 

Description: The UCLA Summer Programs for Undergraduate Research offer upper-division, undergraduate students with outstanding academic potential the opportunity to work closely with faculty mentors on research projects. The programs are designed for students who plan to pursue a PhD and enter academic careers. Opportunities are available in virtually all academic fields. Student participants work with a faculty mentor with interests that match, as closely as possible, the student's research interests. Students assist the faculty member in an ongoing research project or work collaboratively with the mentor in designing a new project of mutual interest. 

Deadline: March 31, 2014 (unless otherwise stated in the program description).

National Science Foundation (NSF)

REU (Research Experience for Undergraduates)
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5517&from=fund

Program Dates: Varies: see individual websites. 

Stipend: Varies: see individual websites. 

Research Area(s): Any field. 

Description: The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. 

Deadline: varies, Check program for details.
USC Dornsife College of Letters, Arts and Sciences
Latino Mental Health Research Training Program
http://dornsife.usc.edu/latino-mental-health/

Program Dates: June 2—August 17, 2014
Stipend: $1,200 a month stipend. Program also includes transportation and living expenses (food and housing).
Research Area(s): Mental Health Research
Description: Cohorts will be comprised of nine undergraduate and three pre-doctoral trainees. The program will take place throughout the course of 11 weeks, and is comprised of an intensive one-week training seminar at USC, and a 10-week training program in Puebla México. The first phase will take place at USC and consists of research workshops by some of the top Latino Mental Health Researchers in the country. Drs. Concepcion Barrio, Alex Kopelowicz, Jodie Ullman, William Vega and Kristin Yarris will provide a one week set of workshops on epidemiology, mental health services, family interventions, caregiving and research methods/statistics. The one-week intensive seminar will serve to help trainees develop research and professional skills to reduce disparities and to motivate them to pursue advanced research degrees. In addition the seminar will provide them with a cultural orientation to facilitate a smooth transition to living and working in Mexico.

Institute for Broadening Participation (IBP)
http://www.ibparticipation.org/

The mission of the Institute for Broadening Participation is to increase diversity in the Science, Technology, Engineering and Mathematics (STEM) workforce. We design and implement strategies to increase access to STEM education, funding, and careers, with special emphasis on diverse underrepresented groups. We believe that diversifying the STEM workforce is the best way to ensure our nation's economic vitality and solve global challenges.

Many organizations fund a research opportunities for undergraduate students. The programs usually consist of a group of ten undergraduates who work in the research programs of the host institution. Each student works closely with the faculty and other researchers. Students are given stipends and, in many cases, assistance with housing and travel.

You must apply to each individual site or program to be considered for acceptance into these programs.
University of North Carolina
Summer REU (Research Experience for Undergraduates)
http://www.med.unc.edu/oge/stad/sure/

Stipend: $5,000 stipend (includes travel allowance). Housing in a dormitory and a meal allowance will be arranged and pre-paid by the Program.
Research Area(s): Biological and chemical sciences.
Description: The Summer Research Experience for Undergraduates (REU) Program at UNC-Chapel Hill provides talented undergraduate students the opportunity to carry out an independent research project under the guidance of UNC faculty mentors. REU students learn the latest methodologies in biomedical research while improving observation and communication skills. At the end of the Program all students present their work at the annual REU summer research symposium.

UT Southwestern Medical Center at Dallas
SURF (Summer Undergraduate Research Fellowship Program)
http://www.utsouthwestern.edu/utsw/home/education/surf/index.html

Program Dates: June 2 - August 8, 2014.
Stipend: $4,000 includes housing.
Research Area(s): Biological chemistry, biomedical engineering, biophysics, cancer biology, cell biology, chemistry, developmental biology, genetics, immunology, integrative biology, mechanism of disease, molecular biology, microbiology, neuroscience, and pharmacology.
Description: The SURF program at UT Southwestern is an intensive summer research training experience designed for college students who are preparing for careers in biological research. Fellows gain experience in modern research techniques, and have a chance to plan and execute an experimental strategy to answer a scientific question.
University of Pittsburgh
MIDAS National Center of Excellence
https://midas.pitt.edu/index.php?option=com_content&view=article&id=230&Itemid=204

Stipend: Stipend of 4,500. In addition, it will cover travel and housing.
Research Area(s): Computational model and simulation of infectious diseases.
Description: Participants will gain an appreciation of major research questions being raised at the intersection of public health, biological science, and computer technology. Participants selected for this program will work with MIDAS Investigators, experienced graduate students and postdoctoral fellows conducting exciting interdisciplinary research projects in this dynamic field. This intensive research-based experience will prepare applicants interested in working at the interface of mathematics, computer science, engineering, statistics, epidemiology, public health and biological sciences for the rigors of scientific research and graduate education.

The CLIMB UP (Undergraduate Program) for Summer Research at UB
http://www.buffalo.edu/climb/climb-up.html

Program Dates: May 27—August 1, 2014
Stipend: $3,000, and housing included for students who live more than 50 miles from Buffalo
Research Area(s): Biomedical and health sciences
Program Description: The CLIMB-UP Summer Research Program will match each student with a participating faculty mentor whose interests are complementary to his or her own. Students will work on their own research projects and get hands-on experience during the 10-week program. The summer will culminate with students presenting their work at the Summer Research Day with students from other UB summer research programs.
Deadline: February 1, 2014

LearnLab Summer Research Experience for Undergraduates
http://www.learnlab.org/opportunities/LearnLab_Summer_REU.php

Program Dates: June 1 - July 25, 2014
Stipend: $4,000, housing, board, travel
Research Area(s): Psychology, education, computer science, human-computer interfaces and language technologies
Description: This program seeks broad participation, including members of underrepresented groups as defined by the National Science Foundation (African American, Hispanic, Native American) who may be considering pursuing further graduate study in the learning sciences.
Deadline: February 17, 2014
University of Oregon (UO)
SPUR Life Sciences (Summer Program for Undergraduate Research)
http://spur.uoregon.edu/pgm_description.shtml

Program Dates: Most SPUR Fellows begin the 1st Monday of June and stay 10 weeks.
Stipend: Stipend more than $400 per week for summer (average 10 weeks), round-trip travel (from home), room and board while participating in the program, and a summer pass to the UO student recreation center.
Research Area(s): Evolution, developmental biology, genomics, structural biology & biophysics, molecular biology, bioinformatics, genetics, cell biology, neuroscience, ecology, marine biology, computational biology, biochemistry, bio-organic chemistry, neurobiology & physiology, psychology, exercise and movement science, human physiology, cognitive neuroscience
Program Overview: SPUR offers closely mentored research projects to provide broad, experience-based training in science research. This training, which stresses active learning for both interns and mentors, includes experimental approaches, methodological skills, strategic design, creative and critical reasoning, and scientific communication. We aim to boost personal confidence by professional and social interactions with active researchers at all levels.
Deadline: There is no hard deadline. Application review begins late December/early January. Review continues and applications accepted until all slots are filled.

California Institute of Technology (Cal Tech)
Amgen Scholars Program
http://www.amgenscholars.caltech.edu/applicants/index.html

Program Dates: June 16—August 22, 2014.
Stipend: $5,500. Students will also receive a $1,500 room and $1200 board allowance, and non-Cal Tech students will receive reimbursement for their travel to and from Pasadena.
Research Area(s): Biology-related fields, such as biochemistry, bioengineering, biotechnology, microbiology, neurobiology, and more.
Description: The Amgen Scholars program at Caltech introduces students to research under the guidance of seasoned faculty/mentors during a 10-week summer program.
University of Wisconsin-Madison
IBS-SRP (Integrated Biological Sciences Summer Research Program)
http://biology.wisc.edu/Undergraduates-GettingInvolvedBeyondtheClassroom-UndergraduateResearch-IntegratedBiologicalSciencesSummerResearchProgram.htm

Stipend: Stipend of $5,000. In addition, it will cover most expenses (travel, housing, a partial food allowance, and health insurance). Students have individual access to computers all campus libraries and facilities.
Research Area(s): Biology.
Description: Students do independent research projects with faculty mentors for ten weeks in the areas of Biochemistry and Biophysics, Bioenergy, Cellular and Molecular Biology, Computational Biology & Biostatistics, Ecology, Plants and Environmental Systems, Molecular and Environmental Toxicology, Neurobiology, and Virology.

University of Pittsburgh
SURP (Summer Undergraduate Research Program)
http://www.gradbiomed.pitt.edu/summer_surp.aspx

Program Dates: May 27 - August 1, 2014.
Stipend: $3,500 stipend, funding for housing and travel may be available.
Research Area(s): Cell biology and molecular physiology, cellular and molecular pathology, immunology, molecular genetics and developmental biology, molecular virology and microbiology, molecular pharmacology and molecular biophysics and structural biology.
Description: The program is administered by the Interdisciplinary Biomedical Graduate Program (IBGP) at the University of Pittsburgh School of Medicine, a premier research center. The School of Medicine provides an exceptional environment for students to gain research experience under the guidance of internationally recognized scientists.
Deadline: February 1, 2014 (early deadline) and March 1, 2014 (final deadline)
Harvard Medical School
SHURP (Summer Honors Undergraduate Research Program)
http://www.hms.harvard.edu/dms/diversity/shurp/

Program Dates: June 1—August 9, 2014
Stipend: The Division will provide all research- and course-related expenses, housing at the medical school dormitory, travel to and from the program, a stipend of approximately $420/week for 10 weeks, and health insurance if it is needed.
Research Area(s): Biological and Biomedical sciences.
Description: The Summer Honors Undergraduate Research Program (SHIRP) is offered for college students from under-represented groups who are seriously considering research careers in the biomedical sciences. The research experience will be supplemented by an informal, student-faculty seminar course, in which students meet on a weekly basis during supper to discuss their research projects with other student participants and faculty. Students also participate in a weekly, career discussion, luncheon series, in which they learn about the career paths of current minority faculty and graduate students and about many aspects of choosing graduate programs, preparing applications, and preparing for interviews. There are also informal, social opportunities for students to meet current minority and majority faculty and graduate students.
Deadline: February 1, 2014.

Boston University School of Medicine
SURF (Summer Undergraduate Research Fellowship) Program
http://www.bu.edu/urop/surf-program/

Program Dates: June 2—August 8, 2014.
Stipend: $5,250, housing, $700 supplies allowance, and up to $500 for travel expenses
Research Area(s): Biology, chemistry, psychology, engineering, computer science
Description: The SURF Program is open to non-BU students who are rising juniors or rising seniors, and wish to conduct research in the sciences, technology, or engineering. The program consists of ten weeks of full-time research in a Boston University lab, mentored by a BU faculty member. For summer 2014, SURF research projects are in areas related to Biology and the interaction of genes with environmental factors.
Physiology Undergraduate Research Experience
This program allows talented undergraduates interested in pursuing a career in academic research the opportunity to spend two months (June and July) doing research in the lab. Students will receive $3,000 to assist in the cost of lodging, meals and other expenses.
Deadline: March 1, 2014.

WUSTL
BioMedRAP
(Biomedical Research Apprenticeship Program)
http://dbbs.wustl.edu/divprograms/SummerResearchforUndergrads/Pages/BiomedRAP.aspx

AMGEN
(AMGEN Scholars Program)
http://dbbs.wustl.edu/divprograms/SummerResearchforUndergrads/Pages/Amgen-Scholars.aspx

Stipend: Generous research stipend, on-campus housing and travel to and from St. Louis.
Research Area(s): Biomedical fields.
Description: The Biomedical Research Apprenticeship Program (BioMed RAP) is a 10-week summer research program for underrepresented minority and disadvantaged college and university students who are interested in careers in biomedical research. The program's goal is to provide participants with an in-depth research experience to prepare them for Ph.D. and M.D./Ph.D. programs in the biomedical sciences.
Duke University
SPRO (Summer Research Opportunity Program)
http://gradschool.duke.edu/gsa/srop/index.php

Program Dates: May 27–August 2, 2014.
Stipend: Students receive an on-campus apartment, travel assistance, a food allowance, and a competitive stipend.
Research Area(s): Biomedical fields.
Description: The Duke University Summer Research Opportunity Program (SROP) is a 10-week, training program designed to give underrepresented minority students hands-on experience in graduate-level biomedical research. The Program is designed for students who are seriously considering entering a Ph.D. Program following the completion of their undergraduate degree. The Program emphasizes direct laboratory experience. Students spend a majority of their time working in the lab, attending lab meetings, interacting with members of other labs, and otherwise conducting themselves just as though they had entered graduate school. Students work under the supervision of a faculty mentor and solve real, research problems in an active, modern, biomedical research laboratory.

Cincinnati Children's Hospital Medical Center
SURF (Summer Undergraduate Research Fellowship)
http://www.cincinnatichildrens.org/education/research/surf/default/

Program Dates: Students can either start May 27, 2014 or June 9, 2014 (10-week program)
Stipend: Approximately $3,500
Research Area(s): Biomedical research.
Description: The Summer Undergraduate Research Fellowship (SURF) Program at Cincinnati Children’s Hospital Medical Center offers undergraduates the chance to explore clinical and basic science research in laboratories in the Department of Pediatrics, University of Cincinnati College of Medicine. The primary goal is to provide students with a foundation for making career choices in the biomedical sciences. Students have the opportunity to work with one of more than 500 faculty members at Cincinnati Children’s Hospital Medical Center, many of whom have active research programs that cover all areas of pediatric medicine, including the study of developmental biology, congenital disorders, genetic diseases, cancer, cardiology, neurology and immunology.
Case Western Reserve University
SURP (Summer Undergraduate Research in Pharmacology)
http://pharmacology.case.edu/education/surp.aspx

Program Dates: May 27 – August 2, 2014.
Stipend: $3,000. Lodging and food allowance will also be provided.
Research Area(s): Pharmacology.
Description: The Summer Undergraduate Research Program provides "hands on" research experience for sophomores and juniors in the area of molecular pharmacology. Although the projects will vary, each is related to a common theme - elucidation of the molecular mechanisms underlying the interaction of chemical agents such as drugs, hormones and neurotransmitters with biological systems. Students spend at least ten weeks during the summer working on a research project in a lab selected according to their interests. In addition to research, weekly seminars are presented to acquaint the students with the broad range of research projects in the Pharmacology Department.

University of Rochester Medical Center (URMC)
STP (Summer Training Program)
http://www.urmc.rochester.edu/pediatrics/research/Summer-Training-Program.aspx

Stipend: $3,000; Housing is included for out-of-area applicants at a residential life facility with full bath and kitchen.
Research Area(s): Biomedical fields.
Description: The Strong Children's Research Center funds a student scholarship program for students who plan to pursue a medical education and a biomedical research career. Students work under the direct supervision of a participating faculty member for 10 weeks. The Strong Children's Research Center supports basic and clinical research directed to the cause, prevention, and treatment of the diseases of infants, children, and adolescents, as well as studies of developmental biology, child and adolescent development, the delivery of health services, and interventions designed to improve the outcomes of clinical pediatric practice. Student trainees participate in research and clinical seminars, and associate with each other as well as trainees enrolled in similar programs in the Medical Center.
University of Michigan School of Public Health (UMSPH)
HMP SEP (Health Management & Policy Summer Enrichment Program)
http://www.sph.umich.edu/sep/program/index.html

Program Dates: June 3–August 1, 2014.
Stipend: $3,000 stipend, plus housing, travel and $250.00 food allowance.
Research Area(s): Health, health management

Description: This program offers health management and policy internships and class work in a summer program that addresses health disparities. The internships, which include paid placements in hospitals, HMOs, and other health services and public health agencies in Detroit, Ann Arbor and Flint, enable students to work in organizations that confront these disparities every day. The SEP encourages undergraduates to consider health management and policy as an attractive career option through which they can address health disparities. Each placement is designed to offer a stimulating opportunity for awareness, learning and growth. The ultimate goal is to increase participation of students committed to eliminating health disparities in this important and exciting field.

Association of American Medical Colleges
GREAT Group Educational Links
Summer Undergraduate Research Programs
https://www.aamc.org/members/great/61052/great_summerlinks.html#.UtAIYJ5dX3I

Research Area(s): Pre-med
Participating Schools include:

- Albert Einstein College of Medicine - http://einstein.yu.edu/education/phd/the-summer-undergrad-research-program.aspx
- Baylor College of Medicine - http://www.bcm.edu/smart/
- Boston University School of Medicine - http://www.bumc.bu.edu/gms/admissions/stars/
- Case Western Reserve University - http://pharmacology.case.edu/education/surp.aspx
- Children's Hospital Research Foundation of Cincinnati - http://www.cincinnatichildrens.org/education/research/surf/default/
- City of Hope National Medical Ctr. And Beckman Research Institute - http://www.cityofhope.org/summer-student-academy
- Committee on Institutional Cooperation - http://www.cic.net/Home/Students/SROP/Home.aspx
- Drexel University College of Medicine - http://www.drexelmed.edu/Home/AcademicPrograms/BiomedicalGraduateStudies/ResearchOpportunities/SummerUndergraduateResearchFellowship.aspx
- Johns Hopkins University School of Medicine - http://www.hopkinsmedicine.org/graduateprograms/sip.cfm
- Shreveport Department of Pharmacology, Toxicology and Neuroscience - http://www.lsuhschreveport.edu/PharmacologyToxicologyandNeuroscience/PTNSummerUndergradPharmacologyResearch.aspx
Association of American Medical Colleges

- Maine Medical Center Research Institute - http://mmcri.org/home/webSubContent.php?subCatID=18&catID=4&headType=ug&catLevel=subCat
- Mayo Clinic - http://www.mayo.edu/mgs/surf.html
- Medical College of Wisconsin - http://www.mcw.edu/graduateschool/programsSPUR.htm
- Medical University of South Carolina - http://www.musc.edu/grad/summer/surf/
- Memorial Sloan-Kettering Cancer Center - http://www.mskcc.org/education/students/summer-fellowship
- Minneapolis Heart Institute Foundation - http://www.mplsheart.org/get-involved/internships/research-internship/overview/
- Mount Sinai School of Medicine - http://www.mssm.edu/education/graduate-school/degrees-and-programs/summer-undergraduate-research-program
- National Institutes of Health - https://www.training.nih.gov/programs/sip
- New York University School of Medicine - http://sackler.med.nyu.edu/surf/
- Northwestern University Feinberg School of Medicine - http://www.cancer.northwestern.edu/research/training_travel/summer_research/index.cfm
- Ohio State University Medical Center - http://medicine.osu.edu/mstp/success-program/Pages/index.aspx
- Oregon Health and Science University - http://www.ohsu.edu/xd/about/vision/center-for-diversity-inclusion/academic-resources/internships/summer-equity-internship.cfm
- Penn State University, College of Medicine - http://med.psu.edu/web/summerresearch/home
- Stanford University School of Medicine - http://ssrp.stanford.edu/
- University of Buffalo, SUNY - http://medicine.buffalo.edu/education/undergraduate/sure.html
- University of California, Los Angeles - http://www.gdnet.ucla.edu/asis/srp/srpintro.htm
- University of California, San Diego - http://msip.ucsd.edu/Pages/default.aspx
- University of Chicago - http://pritzker.uchicago.edu/current/students/summerresearch.shtml
- University of Cincinnati College of Medicine - http://comdo-wcnlb.uc.edu/MedOneStop/Admissions/SummerEnrichment.aspx
- University of Connecticut Health Center - http://grad.uchc.edu/prospective/programs/summer/index.html
- University of Iowa - http://www.medicine.uiowa.edu/research/undergrads/
- University of Kansas - http://www2.ku.edu/~selfpro/research.shtml
- University of Massachusetts Medical School - http://www.umassmed.edu/summer/index.aspx
- University of Medicine and Dentistry of New Jersey - http://rwjms.umdnj.edu/gsbs/prospective/summer_research.html
- University of Minnesota - http://www.cbs.umn.edu/issurp/
- University of Nebraska, Lincoln - http://www.unl.edu/summerprogram/
- University of Nebraska Medical Center, Omaha - http://www.unmc.edu/eppley/summer.htm
- University of New Mexico - http://hsc.unm.edu/som/research/brep/pipeline.shtml
- University of Oklahoma - http://graduate.ouhsc.edu/specialprograms/summer-undergrad-programs.html
- University of Pennsylvania - http://www.med.upenn.edu/bas/applicants_suip.shtml
- University of Pittsburgh School of Medicine - http://www.howscienceworks.pitt.edu/undergraduate-students/summer-research
- University of Rochester School of Medicine and Dentistry - http://www.urmc.rochester.edu/pediatrics/research/summer_program/program-application.cfm
- University of Texas Medical Branch, Galveston, TX - http://www.gsbs.utmb.edu/surp/
- University of Virginia - http://wwwmedicine.virginia.edu/education/phd/gpo/srip
- UT Southwestern Medical Center at Dallas - http://www.utsouthwestern.edu/education/graduate-school/programs/non-degree-programs/surf.html
- Vanderbilt University, Nashville, TN - https://medschool.vanderbilt.edu/vssa/
- Wayne State University School of Medicine, Detroit - http://gradprograms.med.wayne.edu/sure.php
New York University, School of Medicine (NYU)
Sackler Institute of Graduate Biomedical Sciences
SURP (Summer Undergraduate Research Program)
http://www.med.nyu.edu/sackler/programs/summer.html

Program Dates:  June 1 - August 2, 2014.
Stipend:  $3,500 stipend, housing in a NYU facility, and round trip travel expenses to New York City.
Research Area(s):  Biomedical fields.
Description:  The purpose of the program is to give students who may be interested in pursuing careers in the biomedical sciences (PhD, MD or MD-PhD) the opportunity to conduct research and to be exposed to the excitement of an academic medical environment at a major research center. Students may work with faculty in the disciplines of biochemistry, biomedical imaging, cellular and molecular biology, computational biology, developmental genetics, immunology, microbiology, molecular oncology, neurosciences and physiology, parasitology, pathobiology, pharmacology, structural biology and virology.
Deadline:  February 1, 2014

University of Virginia Health System (UVA)
SRIP (Summer Research Internship Program)
http://www.medicine.virginia.edu/education/phd/gpo/srip/home-page/?searchterm=SRIP

Program Dates:  May 23—August 1, 2014
Stipend:  Stipend of $4,590, plus housing and transportation.
Research Area(s):  Biomedical fields.
Description:  The Summer Research Internship Program (SRIP) at the University of Virginia School of Medicine offers summer research internship opportunities to qualified undergraduates who are considering a possible career in biomedical research. The program targets, but is not limited to, under-represented minority students in their junior and senior college undergraduate years. The goals of the program are to expose undergraduate students to laboratory research and to familiarize them with the opportunities that exist for careers in biomedical research.
Northern Arizona University
REU (Research Experience for Undergraduates)
http://www.physics.nau.edu/~reu/

Program Dates: June 2 - August 5, 2014.
Stipend: The total stipend will be $5,100, and each student will receive up to $500 toward travel expenses. Single room housing is included with the program. Students will be enrolled at NAU and receive three hours of credit; tuition and fees will be covered by the program.
Research Area(s): Physics
Description: Seven undergraduate students will work in Flagstaff with researchers from the NAU Dept. of Physics and Astronomy, the Lowell Observatory, the U. S. Geological Survey in Flagstaff, the U. S. Naval Observatory in Flagstaff, and the National Undergraduate Research Observatory Consortium. The research projects available vary from year to year, and have included planetary science, astrogeology, stellar astrophysics, instrumentation work, and extragalactic research.
Deadline: February 1, 2014.

Georgia Tech Biology
REU: (Research Opportunity for Undergraduates)
Aquatic Chemical Ecology at Georgia Tech
http://www.biology.gatech.edu/undergraduate-program/reu/index2.php

Stipend: $5,000 and housing
Research Area(s): 1) biological and geochemical transformations of chemicals in aquatic ecosystem. 2) Sensory biology and ecology of aquatic chemical communication. 3) Ecological roles and consequences of chemicals in aquatic environments
Description: Aquatic Chemical Ecology (ACE) at Georgia Tech is a summer research program supported by the National Science Foundation REU (Research Experience for Undergraduates) program. ACE at Georgia Tech gives you the opportunity to perform exciting research with our faculty in the schools of Biology, Earth & Atmospheric Sciences, Chemistry & Biochemistry, Civil & Environmental Engineering, and Chemical & Biomolecular Engineering. You'll participate in research with one or more of our faculty, learn about careers in science and engineering, and see how scientists blend knowledge and skills from physics, chemistry and biology to investigate some of the most challenging problems in environmental sciences. We encourage applications from undergraduate students who are citizens or permanent residents of the U.S., especially attending universities other than Georgia Tech.
Cold Spring Harbor Laboratory (CSHL)
URP (Undergraduate Research Program)
http://www.cshl.edu/URP/

Program Dates: June 3 - August 9, 2014.
Stipend: $5,000 stipend and room and board on the beautiful 100-acre Cold Spring Harbor Laboratory campus.
Research Area(s): Cancer Biology, Neuroscience, Plant Biology, Cellular and Molecular Biology, Genetics, Bioinformatics and Genomics.
Description: The Cold Spring Harbor Laboratory Watson School of Biological Sciences Undergraduate Research Program (URP) provides one of the few places in the world where young people are instructed in the techniques of modern biology while becoming integrated members of a vibrant scientific community. Approximately 25 students from around the world are accepted into the 10-week, summer program to work with senior Laboratory staff members on independent research projects.

Mount Sinai School of Medicine (MSSM)
SURP (Summer Undergraduate Research Program)
http://www.mssm.edu/gradschool/surp/

Program Dates: Begins in June 10, 2014 and runs for 10 full-time, consecutive weeks.
Stipend: $3,500 stipend and housing.
Research Area(s): Biomedical sciences.
Description: The MSSM Graduate School of Biological Sciences fellows have access to over 200 cutting-edge laboratories, participate in special workshops and conversations with current PhD and MSTP students, present research posters at a special session by SURP fellows, and have the opportunity to see a potential graduate program from the perspective of a graduate student.
Deadline: February 1, 2014.
**University of Minnesota**
Chemistry SRP (Summer Research Program)
[http://www.chem.umn.edu/lando/](http://www.chem.umn.edu/lando/)

**Program Dates:** June 2- August 9, 2014.

**Stipend:** Each Chemistry Summer Research Fellow will receive a stipend of over $6,400. Chemistry Summer Research Fellows may either live on campus or off-campus. On-campus cost for a dormitory will be approximately $1700 for a 10 week period. Funds are available for travel to a National meeting (such as The Spring National Meeting of the American Chemical Society) to present the results of your summer’s research during the following year.

**Research Area(s):** Chemistry

**Description:** The University of Minnesota Department of Chemistry Summer Undergraduate Research Program sponsors a summer research program for outstanding undergraduate students. The Program is designed to encourage students in the chemical sciences to learn more about research in chemistry and to provide such students with the opportunity to work in a lab under the direction of a faculty member.

**Deadline:** February 1, 2014.

**Medical College of Wisconsin (MCW)**
SPUR (Summer Program for Undergraduate Research)
[http://www.mcw.edu/graduateschool/programsSPUR.htm](http://www.mcw.edu/graduateschool/programsSPUR.htm)

**Program Dates:** TBD (typically first part of June to first part of August)

**Stipend:** $3,500 stipend and housing

**Research Area(s):** Biomedical sciences.

**Description:** The Medical College of Wisconsin Graduate School of Biomedical Sciences Summer Program for Undergraduate Research (SPUR) provides the opportunity for students to learn first-hand the potential of the biomedical sciences as an interesting and fulfilling career. SPUR provides laboratory experience in science, in which the undergraduate works with graduate faculty, students, and staff on significant, ongoing, basic science research issues. This program is primarily intended for students interested in a PhD degree in biomedical sciences.

**Deadline:** February 1, 2014.
CALTECH
SURF (Summer Undergraduate Research Fellowship)
http://surf.caltech.edu/

Program Dates: June 17—August 22, 2014 (approximate).
Stipend: MURF students receive payments of $600/week (federal and state taxable). International students may qualify for federal tax treaty exemption. Housing rates are finalized in late spring. Non-Caltech students will be required to purchase a declining balance card for use at Caltech and JPL eateries.
Description: Caltech's Summer Undergraduate Research Fellowships program introduces students to research under the guidance of seasoned research mentors at Caltech and JPL. Students experience the process of research as a creative intellectual activity.
Deadline: February 22, 2014. Awards will be announced April 1, 2014.

Tufts University, Sackler School of Graduate Biomedical Sciences
BDBS (Building Diversity in Biomedical Sciences)
http://sackler.tufts.edu/Admissions/Apply-to-Non-Degree-Programs/Building-Diversity-in-Biomedical-Sciences.aspx

Program Dates: Begins at the end of the first week of June and ends in the second week of August, 2014.
Stipend: Trainees receive a $4,000 stipend, travel expenses within the US, and are provided with on-campus housing.
Research Area(s): Biomedical fields.
Description: The Building Diversity in Biomedical Sciences (BDBS) Program provides a mentored, 10-week research intensive experience for undergraduates who are interested in pursuing PhD or MD/PhD training upon completion of the baccalaureate degree.
Emory University
SURE (Summer Undergraduate Research at Emory)
http://www.cse.emory.edu/projects/students/sure.html

Program Dates:  May 27—August 1, 2014.
Stipend:  $3,500, on-campus housing.
Research Area(s):  Science.
Description:  The Summer Undergraduate Research Program at Emory (SURE) allows undergraduate students to conduct supervised research with a faculty mentor. Students receive training in the research methods applicable to their research plan, analyze their data, and create written and oral presentations of their results.
Deadline:  February 3, 2014 by 5 p.m. Offers issued starting in March; all notifications completed by April 1, 2014.

Massachusetts Institute of Technology (MIT)
Amgen-UROP Scholars Program (Undergraduate Research Opportunities Program)
http://web.mit.edu/urop/amgenscholars/

Program Dates:  June 9- August 8, 2014.
Stipend:  $4,700, based on an hourly wage of $13.05. Housing in a designated MIT residence hall and a $800 food allowance will also be provided.
Research Area(s):  Science, biotechnology.
Description:  Students admitted to the program have opportunities to conduct research, 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. Amgen Scholars learn how to collaborate effectively in research settings while investigating areas of research interest within a specific discipline and gaining practical skills and knowledge for both graduate study and post-graduation careers. Participants become fully integrated in MIT’s summer research community, interacting with faculty mentors and fellow undergraduates while participating in research seminars and other networking events. Most importantly, Amgen Scholars become involved in exciting research and contribute to the advancement of science in an area of interest.
Weill Cornell Medical College, Rockefeller University and Sloan-Kettering Institute
Gateways to the Laboratory Summer Program
http://www.med.cornell.edu/mdphd/summerprogram/

Stipend: $4,300 plus travel expenses. In addition, one family member is flown out to NYC for the final presentations and accommodated at a high-end hotel in New York City.
Research Area(s): Medicine.
Description: The Gateways to the Laboratory Program takes up to 15 students per summer. In addition to conducting independent research projects at one of three institutions (Weill Cornell Medical College, The Rockefeller University and Memorial Sloan-Kettering Cancer Center), Gateways students participate in weekly journal clubs, a laboratory technique workshop, a clinical skills workshop, a mock MCAT exam and a Gross Anatomy lecture and tour. Gateways students scrub into numerous surgeries at New York-Presbyterian Hospital. At the end of the summer, family and friends are invited to attend the Gateways students' oral, written and poster presentations on their summer research. In addition, students are sent to two national conferences to present their research. Each Gateways student is assigned a Big Brother/Sister who is a current MD-PhD student in the program.
Deadline: February 1, 2014.

University of Massachusetts Medical School (UMASS)
NIH-SRFP (NIH Summer Research Fellowship Program)
http://www.umassmed.edu/summer/

Program Dates: May 25- August 1, 2014.
Stipend: Stipend of $4000; local housing is arranged by the program and heavily funded by the program.
Research Area(s): Biomedical fields
Description: The NIH Summer Research Fellowship Program is a non-credit, 10-week, structured, research experience. The program consists of hands-on laboratory research experience with an investigator serving as a mentor, role model and advisor. The program is designed to provide participants in-depth exposure to the actual practice of scientific research in the hopes that the excitement, challenge, and creativity of the enterprise will convince them to consider basic research in the sciences as a viable career choice.
Deadline: March 14, 2014.
DOE Argonne National Laboratory (ANL)
SULI (Science Undergraduate Laboratory Internships) or SRPP (Student Research Participation Programs)
http://www.dep.anl.gov/p_undergrad/summer.htm

SRPP
Program Dates: May 27—August 1, 2014.
Stipend: $500 per week and housing or a housing allowance, and transportation.
Research Areas: Physical and Life Sciences.
Description: A student will generally spend the first week of his/her Argonne experience with an Argonne staff member devising a research strategy and attending mandatory safety classes. For the next few weeks, the supervisor will provide considerable program assistance and guidance. Subsequently, the student will be required to submit a final research report. Basic scientific research programs in Physical and Life Sciences, Mathematics, Computer Science and Engineering. Also applied research programs relating to Energy, Conservation, Environmental Impact and Technology, Nanomaterials, National Security, and Advanced Nuclear Energy Systems. Search the Research Projects Catalog for specific research project descriptions available at Argonne.

Mickey Leland Energy Fellowship Internship Program

Program Dates: June 2 - August 8, 2014
Stipend: $600 per week, housing (based on appointment location), travel
Research Area(s): Science, technology (IT), engineering, mathematics
Description: The goal of the program is to improve opportunities for minority and female students in STEM fields, but all eligible candidates are encouraged to apply. Candidates who are selected will have the opportunity to work under the mentorship of program officials and researchers on focused research projects consistent with the mission of the Office of Fossil Energy.
Deadline: January 15, 2014
Georgia Southern University (GSU)  
Rural Health Research Institute DESRE (Disparities Elimination Summer Research Experience)  
http://research.georgiasouthern.edu/rhri/faculty-support-mentoring/desre/

Program Dates:  June 9 - July 18, 2014  
Stipend:  Stipend (amount unspecified), housing, airfare, travel  
Research Area(s):  Rural health disparities  
Description:  DESRE is the Disparities Elimination Summer Research Experience, a comprehensive research training program. Participants in DESRE spend 6 weeks immersed in full-time rural health disparities elimination research and training, with the goal of providing students interested in health sciences the opportunity to engage in cutting-edge rural health disparities research and receive training in the unique factors associated with addressing health disparities concerns.  
Deadline:  January 15, 2014

National Institute on Drug Abuse (NIDA)  
Summer Research with NIDA for Underrepresented Students  

Program Dates:  Varies (check sites online)  
Stipend:  Varies by site (will not exceed $4,000), housing (varies by site)  
Research Area(s):  Biomedical and behavioral research  
Description:  The internship may include laboratory experiments, data collection, data analysis, formal courses, participation in meetings, interviewing, manuscript preparation, patient recruitment, library research, and literature reviews. In addition, it is expected that at the end of the internship, each intern will deliver a formal presentation on his/her research project.  
Deadline:  February 14, 2014
SMDEP (Summer Medical and Dental Education Program)
http://smdep.org/

Program Dates: Six weeks with specific dates dependent on program site. There are twelve different program sites:

Case Western Reserve University Schools of Medicine and Dental Medicine (Ohio)
Columbia University College of Physicians and Surgeons and College of Dental Medicine (New York)
David Geffen School of Medicine at UCLA and UCLA School of Dentistry (California)
Duke University School of Medicine (North Carolina)
Howard University Colleges of Arts and Sciences, Dentistry and Medicine (D.C.)
The University of Texas School of Dentistry and Medical School at Houston (Texas)
UMDNJ-New Jersey Medical and New Jersey Dental Schools (New Jersey)
University of Louisville Schools of Medicine and Dentistry (Kentucky)
University of Nebraska Medical Center, Colleges of Medicine and Dentistry (Nebraska)
University of Virginia School of Medicine (Virginia)
University of Washington Schools of Medicine and Dentistry (Washington)
Yale University School of Medicine (Connecticut)

Stipend: Varies.
Research Area(s): Medicine, dentistry
Description: SMDEP is a free, 6-week, summer medical and dental school preparatory program that offers eligible students intensive and personalized medical and dental school preparation. Program offerings include academic enrichment in the basic sciences (organic chemistry, physics, biology, pre-calculus/calculus) and key elective courses (writing, oral presentations, current topics in health), learning-skills seminars, including study skills and methods of individual and group learning, limited clinical exposure through small-group clinical rotations and full-group clinician seminars, career development, including the exploration of the medical and dental professions and an individualized education plan to identify other appropriate summer experiences, and a financial-planning workshop.
Deadline: March 1, 2014
NIH Catalog (National Institute of Health)
https://www.training.nih.gov/programs/sip

Program Dates: Varies: see individual websites.
Stipend: See individual websites for details.
Research Area(s): Various
Description: National Institutes of Health. Various institutes and centers offer research opportunities for students in a variety of program areas. The following Institutes and Centers offer research opportunities for students in a variety of program areas.
Deadline: Varies

NCI - National Cancer Institute
http://www.cancer.gov/researchandfunding/announcements/recoveryact/adminsupplements_summer#specific
Research Area(s): Cancer

NHLBI - National Heart, Lung and Blood Institute
http://www.nhlbi.nih.gov/
Research Area(s): Heart, lung, blood - biomedical

NIA - National Institute on Aging
http://www.nia.nih.gov/
Research Area(s): Gerontology - biological / behavioral

NIAAA - National Institute on Alcohol Abuse and Alcoholism
http://www.niaaa.nih.gov/
Research Area(s): Alcoholism - biological / behavioral

NIAID - National Institute of Allergy and Infectious Diseases
http://www.niaid.nih.gov/
Research Area(s): Allergies / infectious diseases

NIAMS - National Institute of Arthritis and Musculoskeletal and Skin Diseases
Research Area(s): Arthritis / skin diseases

NEI - National Eye Institute
http://www.nei.nih.gov/training/summer_intern.asp
Research Area(s): Visual system - biomedical
The National Institute of Health

NHGRI - National Human Genome Research Institute
http://www.genome.gov/27545918
Research Area(s): DNA - biology

NINDS - National Institute of Neurological Disorders and Stroke
http://www.ninds.nih.gov/jobs_and_training/summer/
Research Area(s): Neurological disorders - biology

NINR - National Institute of Nursing Research
http://www.ninr.nih.gov/Training/TrainingOpportunitiesIntramural/SummerGeneticsInstitute/
Research Area(s): Nursing - biomedical. This program does not offer an stipend, nor does it cover any costs.

NIDA - National Institute on Drug Abuse
Research Area(s): Drug abuse – biological / behavioral

NIDDK - National Institute of Diabetes and Digestive and Kidney Diseases
http://www2.niddk.nih.gov/OMHRC/OMHRCResearchTrainingForStudents/OMHRCSIPProgram.htm
NIDDK also offers a Summer Internship Program specific to Alaska native undergraduate students
http://www2.niddk.nih.gov/OMHRC/OMHRCResearchTrainingForStudents/OMHRCPacAK.htm
Research Area(s): Diabetes / digestive diseases – biochemistry / math

NIEHS - National Institute of Environmental Health Sciences
http://www.niehs.nih.gov/careers/research/trainingfrom/supplements/student.cfm#top
Research Area(s): Environment - biology

Note: This compilation of summer research opportunities is not at all exhaustive. Do your own search for research opportunities in the field(s) and location(s) that interest you most. You may want to try large search engines such as www.google.com and www.yahoo.com. Another option is searching websites of other institutions of higher learning.