# Summer Research Opportunities and Programs

![Image of students in yellow SROP shirts]

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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 the summer of 2014, I attended a Summer Research Opportunity Program at The University of Illinois, Urbana-Champaign (UIUC). During this 8 week program, I completed a comprehensive research project, attended seminars on professional development, and participated in workshops on scientific writing. Aside from these formal program activities, I had the opportunity to network with undergraduate students, graduate students, and faculty members. My participation in summer research has benefited my overall development as a student and researcher.

For my research project, I worked with Dr. Nu-Chu Liang in a behavioral neuroscience lab that investigates eating behaviors. Little is known about the health effects associated with increased consumption of artificially sweetened beverages among adolescents. Over the summer, I used a rat model to investigate how consumption of sugar and artificially sweetened beverages affects diet preference, glucose metabolism, and body weight among adolescents. I gained a variety of new skills in research methodology. At the end of the summer, I shared my findings in oral, poster, and round table presentations, which increased my ability to communicate as a professional in the field. My mentor, Dr. Liang, gave me an immense amount of responsibility throughout the summer. As a result, she is currently working on submitting a paper and plans to include me as an author.

Aside from research and writing experience, the program offered several seminars focused on GRE preparation, graduate school applications, and constructing curriculum vita. These seminars guided me and increased my confidence when applying to graduate school.

Additionally, I made several connections over the summer that continue to serve me throughout the application process. At UIUC, I formed relationships with graduate students who are a constant source of support for me. They generously provide me with feedback and advice. I also formed a strong bond with other undergraduate students from across the country. I maintain contact with the friends I made over the summer and have recently met up with some of them at conferences. Finally, over the summer I met faculty members with whom I share common interests. After setting up meetings with potential graduate school advisors, I was invited back to UIUC this past September for an early admission process. My professional network has grown tremendously!

Exploring new research, a new University, and a new city was an exciting and worthwhile way to spend my summer. I advise other students to look into summer opportunities especially if they have plans to pursue research or graduate school.
In the summer of 2014, I traveled to Washington D.C. to participate in the NSF-sponsored Natural History Research Experience (NHRE) internship at the Smithsonian Institution. The NHRE internship is a 10-week program that connects undergraduate students with museum scientists to complete a research project in Anthropology, Botany, Entomology, Invertebrate Zoology, Mineral Science, Paleobiology, or Vertebrate Zoology. I interned at the Anthropology Department’s Arctic Studies Center, where I was treated as a colleague and expected to produce a scholarly research project, which at first, was a little intimidating for a college senior. Before I even arrived at the Smithsonian, I was already set to study what I understood at the time as food security issues as they relate to climate change in the Arctic.

Upon applying to the NHRE program, I expressed my interests and involvement in sustainability, the environment, and human health. My mentors at the Smithsonian helped me design a project that is now titled “Climate change, environmental risks, and the food security of subsistence communities in Greenland and Alaska.” My project was composed of two parts, 1) a historical account of the Norse Colonists in Greenland, whose demise correlated with the onset of the later termed Little Ice Age; and 2) studies of native Inupiat and Yupik people experiencing current climate changes on the western coast of Alaska. I compared the adaptation and mitigation strategies of the historical Norse to current Native Alaskans in order to postulate potential adaptive strategies for Native Alaskan communities today. Concurrently, I was introduced to the Interagency Arctic Research Policy Committee (IARPC), attended their meetings, and helped out with summarizing one of their webinars on food security. Upon attending these meetings, I developed an interest in a career that involves applying my research to positively influence environmental justice.

Through my project this summer, I have cultivated background knowledge of the current literature and research projects on food security and health issues that have arisen from anthropogenic climate change. I was initially timid about the research I was going to embark upon over the summer and I have been humbled by the scope of the project. As I began to understand a way of learning and interning at the National Museum of Natural History that involves diligent inquiry with experienced scholars, my project became an exciting challenge. Facing a challenge, of course, is the only way that I could have advanced my ability to conduct reliable scientific research in the future.

I definitely enjoyed my summer internship at the Smithsonian and I cannot go without thanking the UTSA community for encouraging me to pursue these kinds of opportunities. The Honors College has helped me tremendously with translating my student involvement into my professional and career interests. My advice to students who are considering graduate school is to begin thinking about and developing research interests now as an undergraduate student. Talk to your peers about your ideas. You should also talk to your professors about your interests, especially professors who interest you. Do not shy away from taking full advantage of the vast amount of resources that the University has, encourage others to do the same, and befriend people who inspire you in a positive way. Taking the next steps in your career will inevitably lead you to step out of your comfort zone and face a challenge, so I encourage students to enjoy this process as it is the process of leading a successful career.
CIC: Committee on Institutional Cooperation
SRP (Summer Research Opportunities Program)

Program Dates: 8 to 10 weeks
Stipends: All Expenses Paid plus $3,000 to $6,000
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 ongoing 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.


http://www.cic.net/Home/Students/SROP/Home.aspx

University of Illinois at Urbana-Champaign
http://www.grad.uiuc.edu/srop

University of Iowa
http://ogi.grad.uiowa.edu/srop/

University of Michigan
https://www.rackham.umich.edu/prospective-students/srop

Michigan State University
http://www.grad.msu.edu/SROP/

University of Minnesota
https://diversity.umn.edu/gradeducation/msrop

University of Nebraska-Lincoln
http://www.uni.edu/summerprogram/

Northwestern University
http://www.tgs.northwestern.edu/diversity/undergraduate-summer-research/index.html

Ohio State University
http://www.gradsch.ohio-state.edu/summer-research-opportunities-program.html

Pennsylvania State University
http://www.gradschool.psu.edu/index.cfm/diversity/srop/

Purdue University
https://www.purdue.edu/gradschool/diversity/srop/index.cfm

Rutgers University
http://rise.rutgers.edu/index.php

University of Wisconsin-Madison
http://grad.wisc.edu/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, 2015

**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

Amgen Scholars

Discover your potential
An undergraduate summer research program in science and biotechnology

http://www.amgenscholars.com/us-program

Host Institutions:
California Institute of Technology
Columbia University/Barnard College
Harvard University
Massachusetts Institute of Technology
National Institutes of Health
Stanford University
University of California, Berkeley
University of California, Los Angeles
University of California, San Francisco
Washington University in St. Louis

Eligibility
Amgen Scholars U.S. Program applicants must be:
• 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; and
• 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).

U.S. Program applicants must also have:
• A cumulative grade point average of 3.2 or above; and
• An interest in pursuing a Ph.D. or M.D.-Ph.D.

Application Deadline: The deadline to apply for all of the host institutions is February 2, 2015, with the exception of the California Institute of Technology whose deadline is February 14, 2015.
University of Michigan (UM)
CIC SROP (Summer Research Opportunity Program)
http://www.rackham.umich.edu/prospective-students/srop/

**Program Dates:** May 28 – August 1, 2015.

**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.

**Deadline:** Application and two letters of recommendation by February 10, 2015.

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

**Program Dates:** May 24—July 30, 2015.

**Stipend:** $3,500, stipend, $1,500 meal allowance, any required books, up to $500 travel allowance, and on-campus housing.

**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.

**Deadline:** February 6, 2015.
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 Mr. Darrell Balderrama, Executive Director and will be housed at the 1604 Campus.

For program information or to apply for the program, please contact Darrell Balderrama at 458-4284 or darrell.balderrama@utsa.edu or email trio@utsa.edu

Summer Research
2014 ICPSR Summer Program
http://www.icpsr.umich.edu/sumprog/

Program Dates: Two 4-week sessions: 1) June 22-July 17, 2015; 2) July 20-August 14, 2015
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 2015.

http://www.smithsonianofi.com/
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: $600 a week, with possible travel allowance.
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
Folklore
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, 2015.

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, 2015. Interns will be notified of the status of their application by April 1, 2015.
Smithsonian Institution
James E. Webb Internship for Minority Undergraduate Juniors, Seniors and Graduate Students in Business and Public Administration
http://www.smithsonianofi.com/internship-opportunities/james-e-webb-internship/

Program Dates: 10 weeks TBA.
Stipend: $600 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, 2015.

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

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): Free Radical and Radiation Biology, Human Toxicology, 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, 2015.
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, from June 2015 to August 2015. Some programs in the sciences, technological, engineering and mathematics fields run 10 weeks, from June 2015 to August 2015.

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, 2015 (unless otherwise stated in the program description).

USC Dornsife College of Letters, Arts and Sciences

Latino Mental Health Research Training Program
http://dornsife.usc.edu/latino-mental-health/

Program Dates: June 1—August 15, 2015

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.

University of Nebraska-Lincoln
SRP (Summer Research Program)
http://www.unl.edu/summerprogram/

Program Dates: 10-week programs run June 8 - August 12, 2015; 8-week programs run June 8 - July 31, 2015.

Stipend: Varies by program (see below); room and board; travel expenses; campus parking or bus pass

Research Area(s):
Applied Mathematics (8 weeks; $4000 stipend)

Bioenergy Systems (10 weeks; $5000 stipend)

Biomedical Engineering (10 weeks; $5000 stipend)

Chemistry (10 weeks; $5000 stipend)

Optics and Laser Physics (10 weeks; $5000 stipend)

Minority Health Disparities (10 weeks; $5000 stipend)

Nanohybrid Functional Materials (10 weeks; $5000 stipend)

Redox Biology (10 weeks; $5500 stipend)

Sustainability of Civil Infrastructure (10 weeks; $5000 stipend)

Virology (10 weeks; $4000 stipend)

Description: The Nebraska Summer Research Program is a consortium of NSF funded Research Experiences for Undergraduates (REU) and other summer research opportunities programs (SROP). One unique feature of the Nebraska Summer Research Program is the partnership between the REU and SROP programs and the Office of Graduate Studies. Students benefit in having a community of scholars in which to learn and to share research with. This intensive summer research experience provides mentoring and research experiences while allowing scholars to preview graduate school life.

Deadline: March 1, 2015 for all programs
Columbia University and Barnard College
Amgen Scholars SRP (Summer Research Program)
http://www.columbia.edu/cu/biology/ug/amgen/

Stipend: Participants receive a stipend of $4000, $500 in flex, 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 2, 2015, 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 7 – August 1, 2015.
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 1, 2015.
University of Maryland (UM)
SRI (Summer Research Initiative)
http://www.bsos.umd.edu/diversity/landingtopic/summer-research-initiative

Program Dates: June 1—July 24, 2015
Stipend: Round-trip air fare, room and board in University on-campus housing, and $3,150 (before taxes - amount includes stipend and meal allowances).
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 10, 2015. Selection announcements will be made in April 2015.

http://www.tecbioreu.pitt.edu/

Program Dates: May 25—July 31, 2015
Stipend: $5,250, housing, and travel
Research Area(s): Computational biology
Description: TECBio: "Simulation and Visualization of Biological Systems at Multiple Scales" is an NSF-funded, 10-week, summer, REU program that provides a challenging graduate-level research experience in computational biology. In addition to performing cutting-edge research, TECBio students will also participate in other academic activities, such as classes, seminars, and discussions, while experiencing the various social and cultural activities available in Pittsburgh.
Deadline: March 1, 2015
The Curry School of Education at The University of Virginia
http://curry.virginia.edu/research/projects/surp

Stipend: $3,000, housing, $500 towards meals, up to $250 for travel to/from Charlottesville, housing in a university residence hall
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, 2015.

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

Program Dates: June 20- August 22, 2015.
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.
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.

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 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 mid-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 15—August 21, 2015.  
Stipend: $6,000 stipend for the ten-week period. Stipend payments will be distributed in equal installments in late June and late July. Scholars will also receive campus housing, a modest board allowance, and travel to and from Pasadena. Scholars will be required to live in provided campus housing.  
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 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 1 - August 7, 2015.
Stipend: $4,000 includes housing.
Research Area(s): Biological chemistry, biomedical engineering, biophysics, cancer biology, cell biology, chemistry, developmental biology, genetics, immunology, integrative biology, mechanisms 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.
The CLIMB UP (Undergraduate Program) for Summer Research at UB
http://www.buffalo.edu/climb/climb-up.html

Program Dates: May 26—August 1, 2015
Stipend: Funds are available to provide a living stipend (room and board plus incidentals, paid biweekly) for a limited number of students. Housing is provided for students who live outside 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, 2015

California Institute of Technology (Caltech)
WAVE Scholars Program
http://www.sfp.caltech.edu/programs/wavefellows

Program Dates: Begins June 15, 2015 (10 weeks)
Stipend: $600/week, distributed in two equal payments; $500 housing allowance
Research Area(s): Science and engineering
Program Description: The program supports Caltech's commitment to training a diverse set of science, technology, engineering, and math leaders. In addition to the research experience, WAVE Fellows will participate in a graduate school preparation series, weekly seminars, networking events, Seminar Day, various social and cultural activities, and special tours and field trips.
Deadline: January 7, 2015
University of Wisconsin-Madison
IBS-SRP (Integrated Biological Sciences Summer Research Program)
http://biology.wisc.edu/Undergraduates-GettingInvolvedBeyondtheClassroom-UndergraduateResearch-IntegratedBiologicalSciencesSummerResearchProgram.htm

Program Dates: May 26 - August 1, 2015.
Stipend: Stipend of $5,750. 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

Stipend: $3,500 stipend, funding for housing and travel may be available.
Research Area(s): Cell biology; cellular and molecular pathology; immunology; molecular biophysics and structural biology; molecular genetics and developmental biology; molecular pharmacology; and molecular virology and microbiology.
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, 2015 (early deadline) and March 1, 2015 (final deadline)
Harvard Medical School
SHURP (Summer Honors Undergraduate Research Program)
http://www.hms.harvard.edu/dms/diversity/shurp/

Program Dates: June 1—August 8, 2015
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 $450/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 (SHURP) 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, 2015.

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

Program Dates: Early June to early-mid August 2015.
Stipend: $5,250, housing, $750 supplies allowance, up to $500 for travel expenses, and housing in a BU apartment-style dorm
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 2015, 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, 2015.

UT Health Science Center San Antonio
PURE (Physiology Undergraduate Research Experience)
http://physiology.uthscsa.edu/ed_programs/pure

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

Program Dates: 10 weeks, starting May 28, 2015.
Stipend: $4000 stipend, housing, travel, and many meals.
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**  
**SROP (Summer Research Opportunity Program)**  

**Program Dates:** May 26 – August 1, 2015.  
**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.  
**Deadline:** January 30, 2015.

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**Cincinnati Children's Hospital Medical Center**  
**SURF (Summer Undergraduate Research Fellowship)**  

**Program Dates:** Students can either start May 26, 2014 or June 1, 2015 (10-week program)  
**Stipend:** Approximately $4,000  
**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.  
**Deadline:** February 2, 2015, 5:00 PM
Case Western Reserve University
SURP (Summer Undergraduate Research in Pharmacology)
http://pharmacology.case.edu/education/surp.aspx

Program Dates: May 26–August 1, 2015.
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– July 31, 2015.
Stipend: $3,000 stipend, plus housing, travel and 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.

Deadline: January 30, 2015.

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

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
- Harvard Medical School - http://www.hms.harvard.edu/dms/diversity/shurp/
- Johns Hopkins University School of Medicine - http://www.hopkinsmedicine.org/graduateprograms/sip.cfm
- Maine Medical Center Research Institute - http://mmcri.org/home/webSubContent.php?subCatID=18&catID=4&headType=ug&catLevel=subCat
Association of American Medical Colleges

- Mayo Clinic - [http://www.mayo.edu/mgs/surf.html](http://www.mayo.edu/mgs/surf.html)
- Medical College of Wisconsin - [http://www.mcw.edu/graduateschool/programsSPUR.htm](http://www.mcw.edu/graduateschool/programsSPUR.htm)
- Medical University of South Carolina - [http://www.musc.edu/grad/summer/surp/](http://www.musc.edu/grad/summer/surp/)
- Memorial Sloan-Kettering Cancer Center - [http://www.mskcc.org/education/students/summer-fellowship](http://www.mskcc.org/education/students/summer-fellowship)
- Minneapolis Heart Institute Foundation - [http://www.mplsheart.org/get-involved/internships/research-internship/overview/](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](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](https://www.training.nih.gov/programs/sip)
- New York University School of Medicine - [http://sackler.med.nyu.edu/surp/](http://sackler.med.nyu.edu/surp/)
- Northwestern University Feinberg School of Medicine - [http://www.cancer.northwestern.edu/research/training_travel/summer_research/index.cfm](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](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-equality-internship.cfm](http://www.ohsu.edu/xd/about/vision/center-for-diversity-inclusion/academic-resources/internships/summer-equality-internship.cfm)
- Penn State University, College of Medicine - [http://med.psu.edu/web/summerresearch/home](http://med.psu.edu/web/summerresearch/home)
- Stanford University School of Medicine - [http://ssrp.stanford.edu](http://ssrp.stanford.edu)
- Thomas Jefferson University - [http://www.jefferson.edu/biomedical_sciences/admissions/apply-to/summer-undergraduate-research.html](http://www.jefferson.edu/biomedical_sciences/admissions/apply-to/summer-undergraduate-research.html)
- University of Buffalo, SUNY - [http://medicine.buffalo.edu/education/undergraduate/sure.html](http://medicine.buffalo.edu/education/undergraduate/sure.html)
- University of California, Los Angeles - [http://www.gdnet.ucla.edu/asis/srp/srpintro.htm](http://www.gdnet.ucla.edu/asis/srp/srpintro.htm)
- University of California, San Diego - [http://mstp.ucsd.edu/Pages/default.aspx](http://mstp.ucsd.edu/Pages/default.aspx)
- University of Chicago - [http://pritzker.uchicago.edu/current/students/summerresearch.shtml](http://pritzker.uchicago.edu/current/students/summerresearch.shtml)
- University of Cincinnati College of Medicine - [http://comdo-wcnlb.uc.edu/MedOneStop/Admissions/SummerEnrichment.aspx](http://comdo-wcnlb.uc.edu/MedOneStop/Admissions/SummerEnrichment.aspx)
- University of Connecticut Health Center - [http://grad.uhc.edu/prospective/programs/summer/index.html](http://grad.uhc.edu/prospective/programs/summer/index.html)
- University of Iowa - [http://www.medicine.uiowa.edu/research/undergrads/](http://www.medicine.uiowa.edu/research/undergrads/)
- University of Kansas - [http://www2.ku.edu/~selfpro/research.shtml](http://www2.ku.edu/~selfpro/research.shtml)
- University of Massachusetts Medical School - [http://www.umassmed.edu/summer/index.aspx](http://www.umassmed.edu/summer/index.aspx)
- University of Medicine and Dentistry of New Jersey - [http://rwjms.umdnj.edu/gsbs/prospective/summer_research.html](http://rwjms.umdnj.edu/gsbs/prospective/summer_research.html)
- University of Minnesota - [http://www.cbs.umn.edu/lssurp/](http://www.cbs.umn.edu/lssurp/)
- University of Nebraska, Lincoln - [http://www.unl.edu/summerprogram/](http://www.unl.edu/summerprogram/)
- University of Nebraska Medical Center, Omaha - [http://www.unmc.edu/studentservices/rse/enrichment/undergraduate-enrichment/surp/index.html](http://www.unmc.edu/studentservices/rse/enrichment/undergraduate-enrichment/surp/index.html)
- University of New Mexico - [http://hsc.unm.edu/som/research/brep/pipeline.shtm](http://hsc.unm.edu/som/research/brep/pipeline.shtm)
- University of Oklahoma - [http://graduate.ouhsc.edu/specialprograms/summer-undergrad-programs.html](http://graduate.ouhsc.edu/specialprograms/summer-undergrad-programs.html)
- University of Pennsylvania - [http://www.med.upenn.edu/bgs/applicants_suip.shtml](http://www.med.upenn.edu/bgs/applicants_suip.shtml)
- University of Pittsburgh School of Medicine - [http://www.howscienceworks.pitt.edu/undergraduate-students/summer-research](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](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/](http://www.gsbs.utmb.edu/surp/)
- University of Virginia - [http://www.medicine.virginia.edu/education/phd/gpo/srip](http://www.medicine.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](http://www.utsouthwestern.edu/education/graduate-school/programs/non-degree-programs/surf.html)
- Vanderbilt University, Nashville, TN - [https://medschool.vanderbilt.edu/vssa/](https://medschool.vanderbilt.edu/vssa/)
- Wayne State University School of Medicine, Detroit - [http://gradprograms.med.wayne.edu/sure.php](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: May 31 - August 1, 2015.  
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, 2015

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: 10 weeks  
Stipend: Stipend of $4,683, 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: 10 weeks.
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, 2015.

Georgia Tech Biology
REU: (Research Opportunity for Undergraduates)
Aquatic Chemical Ecology at Georgia Tech
http://www.biology.gatech.edu/undergrad/reu

Program Dates: May 24 - July 31, 2015.
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.
Kennedy Krieger Institute is now accepting applications for three programs developed as part of its Research Initiatives for Student Enhancement (RISE) Program. These programs are funded by a grant from the Centers for Disease Control and Prevention (CDC) and are designed to provide educational opportunities for students.

Maternal Child Health Careers/Research Initiatives for Student Enhancement - Undergraduate Program (MCHC/RISE-UP)

Program Dates: Varies depending on program site (refer to webpage)
Stipend: $3,500; housing and round-trip travel for out-of-state participants
Research Area(s): Public health
Description: Three public health leadership experiences are offered at each MCHC/RISE-UP site. Scholars may choose up to two leadership experiences. Public health experiences offered to scholars are: Clinical/Community, Community Engagement and Advocacy, and Research (see webpage for more detailed descriptions of each of these)
Deadline: January 31, 2015

James A. Ferguson Emerging Infectious Diseases Fellowship Program

Program Dates: May 25 - July 24, 2015
Stipend: $4,000; housing and round-trip travel for out-of-state participants
Research Area(s): Infectious diseases
Description: Fellows work with research mentors on projects related to infectious diseases treatment, prevention, and epidemiology. Fellows located at the Baltimore, MD site may participate in clinical and community experiences. Fellows may receive training in the conduct of community-based participatory research, which engages communities that are currently underserved by the healthcare system. Fellows may also rotate through clinical experiences related to infectious diseases and public health, attend clinical rounds, and/or work with DHMH.
Deadline: January 31, 2015

Public health Leadership and Learning Undergraduate Student Success (PLLUSS) Program

Program Dates: Varies depending on program site (refer to webpage)
Stipend: $5,140; housing and round-trip travel for out-of-state participants
Research Area(s): Public health
Description: Scholars will be paired with a research mentor based on the interests expressed in their application. Scholars will work with their mentor to develop a research question. Available research topics include: health disparities, urban health issues, HIV/AIDS, adolescent health, developmental disabilities, community health, substance abuse treatment and prevention, cancer prevention, and child maltreatment and community violence prevention and treatment.
Deadline: January 31, 2015
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 26—July 31, 2015.  
**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.  
- **Application website opens:** November 2014.  
- **Rolling admissions begins:** mid-January 2015.  
- **Deadline:** There is no hard deadline. Applications are reviewed in the order completed, and admission continues until all open spots have been filled.

Cold Spring Harbor Laboratory (CSHL)  
URP (Undergraduate Research Program)  
http://www.cshl.edu/URP/  

**Program Dates:** June 2- August 8, 2015.  
**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.  
**Deadline:** January 15, 2015.

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

**Program Dates:** Begins in June 8, 2015 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, 2015.
University of Minnesota Chemistry SRP (Summer Research Program)  
http://www.chem.umn.edu/lando/

**Program Dates:** June 1 - August 8, 2015.  
**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, 2015.

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

**Program Dates:** May 26—July 31, 2015  
**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, 2015.
CALTECH
SURF (Summer Undergraduate Research Fellowship)
http://surf.caltech.edu/

Program Dates: 10 weeks, mid-June to late-August 2015.
Stipend: SURF 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.

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, 2015.
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://cse.emory.edu/home/projects/students/sure.html

Stipend: Financial support for 10 weeks, 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 2, 2015 by 5 p.m. Offers will be made by April 15, 2015.

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

Program Dates: June 8- August 7, 2015.
Stipend: $4,320, based on an hourly wage of $12.00. 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
Gateway to the Laboratory Summer Program

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 Gateway 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), Gateway 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. Gateway students scrub into numerous surgeries at New York-Presbyterian Hospital. At the end of the summer, family and friends are invited to attend the Gateway students' oral, written and poster presentations on their summer research. In addition, students are sent to two national conferences to present their research. Each Gateway student is assigned a Big Brother/Sister who is a current MD-PhD student in the program.
Deadline: February 1, 2015.

University of Massachusetts Medical School (UMASS)
NIH-SRFP (NIH Summer Research Fellowship Program)

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.
DOE Argonne National Laboratory (ANL)
SULI (Science Undergraduate Laboratory Internships) or SRPP (Student Research Participation Programs)
http://www.anl.gov/education/undergraduates/internship-opportunities

SULI
Program Dates: 10 weeks, May—August 2015.
Stipend: $500 per week and housing or a housing allowance, and transportation.
Research Areas: Science, technology, engineering, mathematics.
Description: A typical experience starts with students spending the first week with an Argonne supervising 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 expected to complete a pre- and post-survey, oral or poster presentation, 1500 - 3000 word research report, and a one-page peer review. In addition to their research activities, participants are provided tours of the facilities and attend a series of seminars in current topics in science and engineering and career development.
Deadline: January 9, 2015.

SRPP
Program Dates: 10 weeks.
Stipend: $500 per week and housing in on-site student units.
Research Areas: Science, technology, engineering, mathematics.
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. In addition to their research activities, participants attend a series of seminars and tours dealing with current topics in science and engineering and career development.
Deadline: February 1, 2015.
**Mickey Leland Energy Fellowship Internship Program**


**Program Dates:** June 1 - August 7, 2015  
**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 2, 2015

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**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:** Application for the Summer 2015 program will become available in January 2015.
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.)
- Rutgers New Jersey Medical School and Rutgers School of Dental Medicine (New Jersey)
- The University of Texas School of Dentistry and Medical School at Houston (Texas)
- 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, 2015
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/cancertraining/atnci
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
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/OMHRResearchTrainingForStudents/OMHRCSIPProgram.htm
NIDDK also offers a Summer Internship Program specific to Alaska native undergraduate students
http://www2.niddk.nih.gov/OMHRC/OMHRResearchTrainingForStudents/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.