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

Are you interested in an internship opportunity for summer 2012 that will pay you a reasonable stipend while giving you valuable experience in your field? Then this newsletter is for you.

This newsletter provides information about Summer Research Opportunity Programs (SROPs) – that is, opportunities to be PAID to do research in your academic field during the summer months. These experiences take place all over the country, so they also provide an opportunity for PAID travel. SROPs typically take place at top research institutions and provide talented students with an opportunity to learn about research during 6 to 12 weeks of the summer. SROP host institutions typically provide participants with travel and room and board while also paying a STIPEND of $2500-$5000.

SROPs are typically open 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 programs in science and engineering are open to women of all groups.

The SROPs provide a terrific opportunity for you to learn new skills and enhance your educational experience. Most of the programs are RESEARCH-based and provide an opportunity for undergraduates to learn more about graduate study, especially Ph.D. programs. Although the majority of the programs are designed to encourage students to pursue careers in research, several are designed for students considering careers in medicine, dentistry, or public health. You will also find programs for students in the social sciences, humanities, business, education, engineering, and law.

The newsletter provides you with links to the websites of the individual programs. It also provides you with the field of study each program covers and application deadlines. 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 would like assistance in applying, please feel free to contact me at: Ann.Eisenberg@utsa.edu. YOU DO NOT NEED TO BE A MEMBER OF THE HONORS COLLEGE TO REQUEST MY HELP. I work with students who are interested in SROPs by reviewing their personal statements and providing them with letters of recommendation to assist them in gaining an SROP internship placement.

PLEASE TAKE ADVANTAGE OF THE EXCITING OPPORTUNITIES AVAILABLE TO YOU! Check out the student testimonials on the next few pages.

Sincerely,

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

From the Associate Dean
Of the UTSA Honors College
Dr. Ann Eisenberg

The Honors College is located at JPL 4.02.10. To contact us, send an e-mail to honors@utsa.edu or call (210) 458-4106.
Are you going to Grad School?

Prepare with the help of the Honors College!

HON 3301.001 will help you prepare by addressing:

- What graduate school is like
- How to select appropriate graduate programs
- How to apply to graduate programs
- Preparation for the GRE
- Writing an effective personal statement
- Finding financial support and fellowships for graduate study

This course is particularly appropriate for students interested in a Ph.D. in the sciences, social sciences, or humanities.

Stop by JPL 4.02.10 to Sign Up

Students with a GPA of 3.0 or higher are welcome to enroll.
The summer before my senior year, I participated in the Leadership Alliance Summer Research Early Identification Program at Howard University, in Washington DC. This experience helped me improve my oral presentation skills as I made presentations in lab meetings and professional conferences. I developed stronger writing skills. Also, I had very supportive mentors (a faculty member and his graduate students) who taught me about conducting research and provided advice about applying to graduate school. I would recommend participation in a summer research program to any student who wants to pursue a career in academia or wants to get more out of their college experience. It is a great way to gain valuable research experience, learn more about an academic field, visit another city, and meet wonderful people.
A summer research program is a great opportunity for anyone who is thinking about pursuing graduate study. If you have not had any research experience, then this is definitely for you. If you have some research experience, this is a great chance to open yourself up to other research topics. I was a physics major, concentrating in biophysics. However, I spent the summer in a chemistry lab under the direction of Dr. James Heath, working on bio-sensing at the California Institute of Technology. We were trying to develop an electronic nose by using peptides and binding them to silicon nanowires. The peptides actually trap gas molecules, and we sense this by measuring the change in conductance. This work is important because, during the onset of diseases, our bodies give off certain gases. Thus, we have the potential of creating inexpensive methods for diagnosing patients. It was really neat working in a chemistry lab and having a team to collaborate with. At weekly meetings, we even had teleconferences with researchers from Singapore! Later in the summer, these researchers actually visited, which was great for networking.

I implore you to take advantage of these opportunities now, and don't just apply to one! This opportunity is great for building your resume or CV, whether you decide to join the workforce or pursue higher education. If you do pursue this option, expect to focus on research, but don't kill yourself! You will not know everything! You are there to learn. Part of learning is learning how to take care of yourself by budgeting time for exercise and a chance to enjoy a new location as well.
CIC: Committee on Institutional Cooperation
SRP( Summer Research Opportunities Program)

**Program Dates:** 8 to 10 weeks
**Stipends:** All Expenses Paid plus $2800 to $4000
**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:** Varies, please see your program of interest

- [http://www.cic.net/Home/Students/SROP/Home.aspx](http://www.cic.net/Home/Students/SROP/Home.aspx)
- [http://www.cic.net/Libraries/Diversity/SROPflyer.sflb](http://www.cic.net/Libraries/Diversity/SROPflyer.sflb)

Indiana University/ Purdue University at Indianapolis
[http://www.iupui.edu/~gradoff/srop/t35.html](http://www.iupui.edu/~gradoff/srop/t35.html)

University of Iowa
[http://ogei.grad.uiowa.edu/mcnair/](http://ogei.grad.uiowa.edu/mcnair/)

University of Michigan
[http://www.rackham.umich.edu/prospective_students/srop/](http://www.rackham.umich.edu/prospective_students/srop/)

Michigan State University
[https://www.msu.edu/~oss/mcnair/](https://www.msu.edu/~oss/mcnair/)

University of Minnesota
[http://www.grad.umn.edu/outreach/research/MSROP/](http://www.grad.umn.edu/outreach/research/MSROP/)

University of Illinois at Chicago
[http://mcnair.uchicago.edu/](http://mcnair.uchicago.edu/)

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

Pennsylvania State University
[http://www.gradsch.psu.edu/diversity/srop.html](http://www.gradsch.psu.edu/diversity/srop.html)

Purdue University
[http://www.gradschool.purdue.edu/programs/summer.cfm](http://www.gradschool.purdue.edu/programs/summer.cfm)

University of Wisconsin-Madison

University of Wisconsin-Milwaukee
Leadership Alliance
SR-EIP (Summer Research Early Identification Program)

http://www.theleadershipalliance.org/matriarch

Program Dates: 8 to 12 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 and underserved 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, 2012

Participating Universities
Brown University
Columbia University
Cornell University
Dartmouth College
Harvard University
Howard University
Hunter College
Johns Hopkins University
Montana State University
New York University
Princeton University
Stanford University
Tufts University
University of Chicago
University of Colorado at Boulder
University of Maryland, Baltimore County
University of Miami
University of Pennsylvania
**University of Minnesota (UMN)**
SURE (Summer Undergraduate Research Program)
http://www.cogsci.umn.edu/REU/reu.shtml

**Program Dates:** June 4 - August 10, 2012.
**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 is open to up to 20 undergraduates (pending program funding) who plan to, or are considering pursuing research-oriented graduate studies in the behavioral sciences, cognitive sciences, and mental health. The University of Minnesota 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 1, 2012. All applicants will be notified of their status no later than April 1, 2012.

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

**Program Dates:** May 29 – July 28, 2012.
**Stipend:** $4,000 stipend, room and board, (students will be responsible for weekend meals), round-trip transportation 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 13, 2012.

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

**Program Dates:** May 27—August 2, 2012.
**Stipend:** $3,500, stipend, $1450 meal allowance and up to $500.00 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.
**Deadline:** February 3, 2012.
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, assists economically qualified, first generation college students and students from underrepresented groups in doctoral studies and scholarly activities. The program provides services to underrepresented groups, such as Hispanics, African Americans, Native/Alaska Americans and students with disabilities. Activities are designed to prepare McNair scholars for the rigors of doctoral work. Scholars 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

The UTSA McNair Scholars program is directed by Ms. Rhonda Moses, Executive Director of TRIO and Outreach Programs and is housed at the 1604 Campus.

For program information or to apply for the program, please visit the website, www.utsa.edu/mcnair
or contact Rhonda Moses at 458-4093 or Rhonda.Moses@utsa.edu.
2012 ICPSR Summer Program
http://www.icpsr.umich.edu/sumprog/

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 2012.

Summer Institute in Survey Research Techniques
http://www.isr.umich.edu/src/si/intro.html#annual

Research Area(s): Research Techniques.
Description: The mission of the Summer Institute is to provide rigorous and high quality graduate training in all phases of survey research. The program teaches state-of-the-art practice and theory in the design, implementation, and analysis of surveys. The Summer Institute in Survey Research Techniques has presented courses on the sample survey since the summer of 1948, and has offered such courses every summer since.
Application for the 2012 Summer Institute in Survey Research Techniques will be available in January 2012. Visit our website for updates.
Smithsonian Institution  
MIP (Minority Internship Program)  
http://www.si.edu/ofg/Applications/MIP/MIPapp.htm

Program Dates: 10 weeks TBA.
Stipend: $550 a week, travel allowances in some cases, small research allowance for visiting students.
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: This program is designed to provide undergraduate and beginning graduate students the opportunity to learn more about the Smithsonian and the students' academic fields through direct experience in research or museum-related internship projects under the supervision of research and professional staff members at the Institution's many museums, research institutes and offices.

Smithsonian Institution  
National Air and Space Museum Summer Internship Program  
http://www.nasm.si.edu/getinvolved/intern/

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): The National Air and Space Museum offers an exciting work experience to college and university students through its Summer Internship Program. 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 & New Media, Exhibit Design, Public Relations, and Education. Students from all fields of study are encouraged to apply.
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: This program is designed to provide undergraduate and beginning graduate students the opportunity to learn more about the Smithsonian and the students' academic fields through direct experience in research or museum-related internship projects under the supervision of research and professional staff members at the Institution's many museums, research institutes and offices.
Deadline: Applications will be accepted from January 15 to February 15, 2012. Interns will be notified of the status of their application by April 1, 2012.
Smithsonian Institution
James E. Webb Internship for Minority Undergraduate Juniors, Seniors and Graduate Students in Business and Public Administration
http://www.si.edu/ofg/Applications/WEBB/WEBBapp.htm

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), to promote excellence in the management of not-for-profit organizations. Internships are offered to U.S. minority undergraduate junior, seniors and graduate students majoring in areas of business or public administration. These 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 in offices, museums, and research institutes throughout the Smithsonian Institution.

Smithsonian Institution
Katzenberger Art History Internship Program
http://www.si.edu/ofg/intern.htm

Program Dates: 10 weeks TBA.
Stipend: $550 a week, and a travel allowance may be provided.
Research Area(s): Art history.
Description and requirements: The Katzenberger Foundation Art History Internship Program is a need-based program supporting internships for undergraduates in research and collections projects at the Smithsonian Institution in Washington, DC. The program is generously funded by the Katzenberger Foundation and administered by the Office of Fellowships and Internships. Six internships are offered each summer and located in Washington, DC, at the Smithsonian’s art museums and archives. Applicants must meet these eligibility requirements: open only to US citizens; must be enrolled as undergraduate juniors, seniors, or equivalent, in a degree granting program at an accredited institution; must be declared as an art history major, concentration, or related discipline; must qualify for federal student aid. A final summary report is required upon completion of the internship.
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 and housing on the Morningside campus of Columbia University. Please be aware that you may be charged a Facilities Fee that is not covered by the AMGEN program. In 2011, the fee was $442.
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.

University of California Berkeley (UC Berkeley)
SROP (Summer Research Opportunity Program)
http://www.grad.berkeley.edu/diversity/srop.shtml

Stipend: $3,000 stipend, room & board, travel. SROP Psychology students funded by National Science Foundation will receive a $4,000 stipend.
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.
University of Maryland (UM)
SRI (Summer Research Initiative)
http://www.bsos.umd.edu/dean/summer.html

Stipend: $2,700 stipend, 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.

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

Stipend: 4,000, on-campus housing, travel reimbursement for up to $500.
Research Area(s): Science, math, engineering, biomedical.
Description: The University of Medicine & Dentistry of New Jersey (UMDNJ) Research in Science and Engineering (RISE) is an undergraduate, summer research program to advance diversity in science, math and engineering. 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: Review begins January 30, 2012 until spaces are filled (usually during March).
The Curry School of Education at The University of Virginia
http://curry.virginia.edu/research/projects/surp

Program Dates: June 5—July 31, 2012.
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 under-represented groups to ongoing research at UVa and will give them experience to help make them qualified candidates for doctorate programs in education research.

Mount Desert Island Biological Laboratory (MDIBL)
REU (Research Experience for Undergraduates)
http://www.mdibl.org/edu/reu/reu2.shtml

Program Dates: June 11—August 17, 2012. Some students will start a week or two earlier, and some a week or two later (for example, students in a study abroad program who may not return to the US until late June).
Stipend: room, board, travel (airfare or mileage) and stipend.
Research Area(s): Genomics, bioinformatics, toxicology, physiology.
Description: The Mount Desert Island Biological Laboratory is a Research Experience for Undergraduates. The site is supported by the National Science Foundation. MDIBL has established programs for undergraduate education to enhance scientific training in the biological and biomedical sciences.
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 24, 2012 to Saturday, August 18, 2012. Some programs in the sciences, technological, engineering and mathematics fields run 10 weeks, Sunday, June 24, 2012 to Friday, August 31, 2012. **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:** February 3, 2012.

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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.
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): Genetics, Immunology, Molecular Biology, and Neuroscience (including Neuropsychology).

Description: The Interdisciplinary Summer Undergraduate Research Program allows students to pursue broad research interests in modern biological research. The program provides research opportunities in the laboratories of faculty who belong to the graduate programs in Genetics, Immunology, Molecular Biology, and Neuroscience (including Neuropsychology). The interdisciplinary nature of the program transcends traditional discipline-specific boundaries to provide an exciting research training experience.

University of North Carolina  
Summer REU (Research Experience for Undergraduates)  
http://www.med.unc.edu/pmbb/reu/index.htm

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.  
Deadline:  March 1, 2012.

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 4 - August 10, 2012.  
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 Oregon (UO)
SPUR Life Sciences (Summer Program for Undergraduate Research)
http://biology.uoregon.edu/SPUR/

Program Dates: Most SPUR Fellows begin the 1st Monday of June and stay 10 weeks.
Stipend: Stipend $380 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): Life Sciences laboratories.
Program Overview: The University of Oregon (UO) Summer Program in Undergraduate Research (SPUR) offers Fellows the opportunity to participate in ongoing research in Life Sciences laboratories at UO. Research areas include evolution, developmental biology, genomics, structural biology & biophysics, molecular biology, bioinformatics, genetics, cell biology, neuroscience, ecology, marine biology, computational biology, biochemistry, bioorganic chemistry, neurobiology & physiology, psychology, exercise and movement science, human physiology, cognitive neuroscience.
Deadline: There is no hard deadline. Application reviews begin on Monday of the last full week in February, and applications are reviewed until all the slots are filled.

University of Miami
Rosenstiel School of Marine and Atmospheric Science
http://www.rsmas.miami.edu/grad-studies/sumfel.html

Program dates: June 1 - July 31, 2012.
Stipend: $2,000.00.
Program Overview: The University of Miami, Rosenstiel School of Marine and Atmospheric Science (RSMAS) Summer Undergraduate Research Fellowship Program is designed to introduce bright and energetic undergraduates to research in the marine and atmospheric sciences. The intensive summer program allows undergraduate students the opportunity to experience graduate level research and school.
APPLICATION DEADLINE: February 12, 2012 (postmarked). Fellowships will be awarded by April 30, 2012.
University of Wisconsin-Madison
IBS-SRP (Integrated Biological Sciences Summer Research Program)
http://www.wisc.edu/cbe/srp-bio/

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, Neurobiology, and Virology.

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

Program Dates: May 23 - July 29, 2011.
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.
Carnegie Mellon University (CMU)
SURP (Summer Undergraduate Research Program)
http://www.cmu.edu/bio/undergraduate/research/SURP/reu.shtml

**Program Dates:** May 29–August 3, 2012.
**Stipend:** Stipend, a meal allowance, university dormitory housing, and reimbursement for travel costs.
**Research Area(s):** Biology, biophysics, chemistry.
**Description:** The core of the program is the opportunity to carry out an individual, mentored, research project in the context of cutting-edge research programs. The scientific program includes faculty research talks, student presentations and discussion of articles from the scientific literature, presentations on career options and scientific ethics, and a concluding symposium in which all students give formal talks about their research.
**Deadline:** February 1, 2012; Application Review begins January 15, 2012.

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

**Program Dates:** June 18, August 24, 2012.
**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.
**Deadline:** February 15, 2012. Awards will be announced on March 15, 2012.
Harvard Medical School
SHURP (Summer Honors Undergraduate Research Program)
http://www.hms.harvard.edu/dms/diversity/shurpintro.html

Program Dates: Sunday, June 3 to Saturday, August 11, 2012.
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.

Harvard
FDSRP (Four Directions Summer Research Program)
http://www.fdsrp.org

Program Dates: June 11 - August 9, 2012.
Stipend: Housing at the Harvard Medical School student dormitory. Each student will be housed in a single room. Airfare and a living stipend will also be provided.
Research Area(s): Biomedical fields.
Description: The Four Directions Summer Research Program (FDSRP) is a summer program designed for Native American undergraduate students to perform research at Harvard Medical School. Participants are also given opportunities to experience clinical medicine. Students spend time shadowing a wide range of physicians, including primary care physicians, pathologists, cardiologists, emergency room physicians, and surgeons. Additional program goals include experiencing cutting-edge research at a leading medical school, understanding the medical school application process, gaining exposure to Native American health care issues, integrating Native traditions, including talking circles and the largest, local Pow-Wow, and networking with Native American students and faculty.
Deadline: February 8, 2012, 11 PM. Decisions will be made by March 5.
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 $3,400 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.

Baylor College of Medicine (BCM)
SMART (Summer Medical and Research Training)
http://www.bcm.tmc.edu/smart/

Stipend: Approximately $4,000 (all salary or a combination of salary and allocation for housing and travel).
Research Area(s): Biomedical sciences.
Description: The Baylor College of Medicine Summer Medical and Research Training (SMART) Program offers participants an intense, 9-week, biomedical-related, research experience in a broad range of areas. Participants are paired up with labs eager to foster an undergraduate. This pairing is based on the applicant’s research interests and previous experiences. The SMART program organizes many seminars, workshops, and test prep courses. In addition, the SMART program has built a unique GRE study preparatory course.
Biomedical Summer Undergraduate Research Experience for Non-Biology Majors
Available to undergraduate sophomores and juniors currently enrolled in engineering, mathematics, computer or physical or chemical science tracks. The program runs for 10 weeks (early June through mid-August, 2010) and students receive a salary of at least $3,000, with additional allowance for travel.

Pharmacology Summer Undergraduate Research Fellowship Program
This 10-week program provides students an opportunity to work with faculty, postdoctoral fellows, and graduate students in an on-going research project. A stipend is provided and the program runs from early June through mid-August.

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. A stipend is provided.

Summer Undergraduate Research Fellowship Program in Molecular Medicine at the Institute of Biotechnology
The laboratories of basic scientists and molecular biology/cancer researchers at the UT Health Science Center Institute of Biotechnology offer this 10-week research experience to students. A stipend is provided and subsidized lodging is available.

Visit the website: http://physiology.uthscsa.edu/new/teaching/undergrad_sum_program.asp

Application deadlines vary, please check with your program of interest.
WUSTL
BioMedRAP
(Biomedical Research Apprenticeship Program)
http://biomedrap.wustl.edu/

Program Dates: Late May through the first week in August, 2012.
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
SROP (Summer Research Opportunity Program)
http://gradschool.duke.edu/gsa/srop/index.php

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.

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

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

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. The program is an 8-week (mid-June through mid-August) paid summer work experience under the direction of a health organization or policy professional in a hospital or other health organization in the Detroit/Ann Arbor and Flint areas.

Association of American Medical Colleges
GREAT Group Educational Links
Summer Undergraduate Research Programs
http://www.aamc.org/members/great/summerlinks.htm

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

Albert Einstein College of Medicine - http://www.einstein.yu.edu/phd/index.asp?surp
Baylor College of Medicine - http://www.bcm.edu/smart/
Boston University School of Medicine
http://www.bumc.bu.edu/gms/gateway/prospective/undergraduate-summer-research-program/
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/education/summer-student-academy/Pages/program-overview.aspx
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/SummerResearchOpportunities/SummerUndergraduateResearchFellowship.aspx
Association of American Medical Colleges

Gerstner Sloan-Kettering Graduate School - [http://www.sloankettering.edu/gerstner/html/54513.cfm](http://www.sloankettering.edu/gerstner/html/54513.cfm)
Johns Hopkins University School of Medicine - [http://www.hopkinsmedicine.org/graduateprograms/sip.cfm](http://www.hopkinsmedicine.org/graduateprograms/sip.cfm)
Shreveport Department of Pharmacology, Toxicology and Neuroscience - [http://pharm.lsuhscshreveport.edu/super.htm](http://pharm.lsuhscshreveport.edu/super.htm)
Maine Medical Center Research Institute
[http://mmcri.org/home/webSubContent.php?subCatID=18&catID=4&headType=ug&catLevel=subCat](http://mmcri.org/home/webSubContent.php?subCatID=18&catID=4&headType=ug&catLevel=subCat)
Massachusetts General Hospital Multicultural Affairs Office
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/)
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)
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)
Oregon Health and Science University
[http://www.ohsu.edu/xd/education/student-services/education-diversity/prospective-students/equity-summer-research-program.cfm](http://www.ohsu.edu/xd/education/student-services/education-diversity/prospective-students/equity-summer-research-program.cfm)
Penn State University, College of Medicine - [http://med.psu.edu/web/summerresearch/home](http://med.psu.edu/web/summerresearch/home)
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://mstp.ucsd.edu/Pages/default.aspx](http://mstp.ucsd.edu/Pages/default.aspx)
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.uchc.edu/prospective/programs/summer/index.html](http://grad.uchc.edu/prospective/programs/summer/index.html)
University of Iowa - [http://www.healthcare.uiowa.edu/biosciences/summer/programs.asp](http://www.healthcare.uiowa.edu/biosciences/summer/programs.asp)
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.umc.edu/applyfor/summer.htm](http://www.umc.edu/applyfor/summer.htm)
University of New Mexico - [http://hsc.unm.edu/som/research/brep/pipeline.shtml](http://hsc.unm.edu/som/research/brep/pipeline.shtml)
University of Oklahoma - [http://www.ouhsc.edu/graduate/summer_programs.htm](http://www.ouhsc.edu/graduate/summer_programs.htm)
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.med.upenn.edu/bgs/applicants_suip.shtml](http://www.med.upenn.edu/bgs/applicants_suip.shtml)
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://wwwmedicine.virginia.edu/education/phd/gpo/srip](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](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)
Weill Cornell/Rockefeller/Sloan-Kettering - [http://www.med.cornell.edu/mdphd/summerprogram/](http://www.med.cornell.edu/mdphd/summerprogram/)
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)
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 4 - August 5, 2012.
Stipend: $3,500 stipend, housing in a NYU facility, and round trip travel expenses to New York City.
Research Area(s): Biomedical fields.
Description: In the Summer Undergraduate Research Program (SURP) program, students are matched with an investigator of their choice or placed in a laboratory working in an area of their interest. Students are given their own project and are expected to perform as a graduate student. Students present their research at a poster session at the end of the summer.
Deadline: February 1, 2012. Applicants will be informed of the Admission Committee's decision via email the week of March 12, 2012.

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: TBA
Stipend: Stipend of $4,500, 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.
Deadline: February 17, 2012.
Northern Arizona University
REU in Mathematics and Statistics
(Research Experience for Undergraduates)
http://www.cefns.nau.edu/Academic/Math/researchInterests/REUInformation.shtml

Program Dates: June 1 - August 3, 2012.
Stipend Each participant will receive lodging in an on-campus dormitory, a $3,600 stipend, some travel reimbursement, and a small allowance for food. Six semester credits will be earned at Northern Arizona University, which can be transferred to the participant's home institution.
Research Area(s): Mathematics and Statistics.
The REU Program is an opportunity for six top undergraduates from around the country to visit NAU to work one-on-one with an actively researching departmental member. The students are on the NAU campus for 8 weeks and attend both regular lectures by NAU Department of Mathematics and Statistics faculty as well as lectures by external visitors. The culmination of the program is the presentation of student projects. The level of research involved is fairly advanced, occasionally leading to joint publications of papers in refereed journals.
Deadline: Review will begin in early Spring 2012. Applications accepted until all 6 positions filled.

University of Connecticut, School of Medicine (UConn)
College Summer Fellowship Program
http://ugradresearch.uconn.edu/

Program Dates: 10 week program with flexible start and end dates.
Stipend: $4,000.00 ($3500 stipend for the student researcher and up to $500 for consumables associated with the research project). Assistance in locating housing is also provided.
Research Area(s): Dental medicine, medicine, biomedical research.
Description: The University of Connecticut School of Medicine - Schools of Medicine and Dental Medicine, Graduate Programs in Biomedical Sciences - College Summer Fellowship Program is a 10-week program for undergraduate students who are interested in careers in dental medicine, medicine, and biomedical research. The purpose of the program is to provide a research enrichment experience and some exposure to clinical medicine or dental medicine. The faculty develops and makes available suitable project descriptions from which students may select a research opportunity. Students meet with the faculty sponsor and develop a research protocol.
Cold Spring Harbor Laboratory (CSHL)
URP (Undergraduate Research Program)
http://www.cshl.edu/URP/

Program Dates: June 5 - August 11, 2012.
Stipend: $4,000 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, Computation biology.
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 11, 2012 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.
**University of Minnesota**
Chemistry SRP (Summer Research Program)
http://www.chem.umn.edu/lando/

**Program Dates:** June 4 - August 11, 2012.

**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, 2012.

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

**Program Dates:** TBA

**Stipend:** The stipend for 2011 was $3500. The stipend for 2012 is to be determined. Housing will be provided for students living outside the greater Milwaukee area. The housing is provided in addition to the stipend.

**Research Area(s):** Math, chemistry, physics, computer science, and engineering.

**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 15, 2012.
MURF UNDERGRADUATE RESEARCH FELLOWSHIPS

http://surf.caltech.edu/

Program Dates: Mid June to late August.
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 MURF program provides support for talented undergraduates to spend a summer working in a research laboratory on the Caltech campus. The MURF program aims to increase the representation of underrepresented students (such as African American, Hispanic, and Native American, females who are underrepresented in their discipline, and first-generation college students) in science and engineering Ph.D. or M.D./Ph.D. programs and to make Caltech's programs more visible to students not traditionally exposed to Caltech. The program supports Caltech’s commitment to training a diverse set of science, technology, engineering, and math leaders.
Deadline: January 13, 2011.

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

Stipend: $425 per week and housing or a housing allowance, and transportation.
Research Area(s): Sciences, Technology, Engineering or Mathematics.
Description: opportunities for college and university undergraduate students to participate in the Laboratory's ongoing research programs. In addition to such opportunities, the U.S. Department of Energy is directly sponsoring research participation at other DOE facilities. At Argonne, college/university students may obtain research experience through the Department of Energy's Science Undergraduate Laboratory Internships Program or the Student Research Participation Program.
Deadline: April 1, 2012.
Emory University
SURE (Summer Undergraduate Research at Emory)
http://cse.emory.edu/sciencenet/undergrad/SURE/SURE.html

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 10, 2012 by 5 p.m. All applicants will be notified of their final status by April 15, 2012.

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

Stipend: $4,410, based on an hourly wage of $12.25. Housing in a designated MIT residence hall and a 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. There are 15 spaces for non-MIT students. 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.

Tufts University, Sackler School of Graduate Biomedical Sciences
SRP (Summer Research Program)
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, 2012.
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.
Weill Cornell Medical College, Rockefeller University and Sloan-Kettering Institute
Gateways to the Laboratory Summer Program
http://www.med.cornell.edu/mdphd/summerprogram/
Look for 2012 information in early January

Program Dates: TBA
Stipend: $4,300 plus travel expenses.
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.
New York University, Center for Neural Science (NYU/CNS)
SURP (Summer Undergraduate Research Program)
http://www.cns.nyu.edu/undergrad/surp/

Program Dates: May 9—August 3, 2012
Stipend: Contact surpinfo@cns.nyu.edu for information
Research Area(s): Neural science
Description: This program is designed to foster entry into a research-centered career in neuroscience. Students actively participate in research projects in the laboratories of New York University science faculty. Students are matched to laboratories primarily on the basis of their background, preparation, and areas of interest. They work either directly with faculty or with graduate students or postdoctoral fellows to conduct a research project. The projects involve on-going research in the host laboratory. The students are involved in all phases of the research process from experimental design to data analysis and communication of results. In addition to the research experience, the students meet regularly for neuroscience seminars at which faculty and graduate students of the NYU research community from the downtown Washington Square Campus and the NYU Medical School present summaries of their work, and the summer students discuss their own projects. At the end of the program, students give a presentation on their work, prepare an abstract, and write a journal-style report.
Deadline: April 15, 2012

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

Program Dates: May 27- August 3, 2012
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 16, 2012
SMDEP (Summer Medical and Dental Education Program)
http://www.smdep.org/start.htm

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, 2012
NIH Catalog (National Institute of Health)

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.