

## External Research Opportunities - Science, Technology, Engineering, Mathematics

This worksheet is intended to provide undergraduates with a snapshot of potential external research opportunities. This is not a comprehensive list of all external research opportunities available to undergraduates.

\*\*Please refer to program websites for detailed, up-to-date information on programs, application processes and application deadlines.

Program Name	Program Description	Location	Summer Application Deadline	Website
Amgen Scholars Program, Undergraduate Research in Science and Biotechnology	"The Amgen Scholars Program is a national program to increase research opportunities for students committed to pursuing careers in the sciences."	Berkeley, CA	February, 2014	<a href="http://www.amgenscholars.berkeley.edu">www.amgenscholars.berkeley.edu</a>
Boyce Thompson Institute Internships	"Undergraduate and high school summer internships at BTI, Cornell University and the USDA provide an excellent opportunity to gain research experience and explore if a scientific career is right for you. Currently we offer positions to outstanding students interested in Plant Genome Research, Bioinformatics and Bioenergy Education."	Ithaca, NY	February, 2014	<a href="http://bti.cornell.edu/education/internships/">http://bti.cornell.edu/education/internships/</a>
Brigham and Women's Hospital STARS Program	"The BWH STARS Program recruits underrepresented minority (URM) college and first-year medical students from around the US into an eight-week mentored summer program. The students participate in intensive hands-on training in research methods and practice directly in the labs of the Brigham and Women's Hospital and Harvard Medical School's leading researchers."	Boston, MA	January, 2014	<a href="http://www.brighamandwomens.org/Medical_Professionals/career/CFDD/OMC/STARS%20Program/default.aspx">http://www.brighamandwomens.org/Medical_Professionals/career/CFDD/OMC/STARS%20Program/default.aspx</a>
Carnegie Institution of Washington, Summer Scholars Program	"The goal of our summer internship program is to provide eligible undergraduate students with a participatory introduction to scientific research. Fundamental investigations in the geosciences (experimental petrology, mineralogy, mineral physics, seismology), planetary sciences and astronomy, and related chemical sciences (inorganic and organic geochemistry, cosmochemistry) are pursued."	Washington, DC	February, 2014	<a href="https://www.gi.ciw.edu/static/groups/summerscholars/about.html">https://www.gi.ciw.edu/static/groups/summerscholars/about.html</a>
CDC Collegiate Leaders in Environmental Health	"This is a paid 10-week summer environmental internship for undergraduate students who are passionate about the environment, interested in human health, and curious about how they are linked."	Atlanta, GA	January, 2014	<a href="http://www.cdc.gov/nceh/ceh/overview.htm">http://www.cdc.gov/nceh/ceh/overview.htm</a>
CIC Summer Research Opportunities Program	"The Summer Research Opportunities Program (SROP) is a gateway to graduate education at CIC universities. The goal of the program is to increase the number of underrepresented students who pursue graduate study and research careers. SROP helps prepare undergraduates for graduate study through intensive research experiences with faculty mentors and enrichment activities."	Multiple Locations	February, 2014	<a href="http://www.cic.net/students/srop/introduction">http://www.cic.net/students/srop/introduction</a>
Cincinnati Children's Hospital Medical Center Summer Undergraduate Research Fellowship	"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."	Cincinnati, OH	February, 2014	<a href="http://www.cincinnatichildrens.org/education/research/surf/default/">http://www.cincinnatichildrens.org/education/research/surf/default/</a>
Connecticut Space Grant Consortium	"The purpose of the Consortium is to encourage research and education in Space/Aerospace Science and Engineering."	Multiple Locations	October, 2013	<a href="http://ctspacegrant.org/#">http://ctspacegrant.org/#</a>

Danforth Plant Science Center REU Summer Internship Program	"The Danforth Plant Science Center's REU summer Internship program is held eleven weeks each summer and exposes students to a rich research environment. The program gives students experience with all aspects of modern scientific research, from design to experimentation to reporting."	St. Louis, MO	February, 2014	<a href="http://www.danforthcenter.org/education-outreach/research-internships">http://www.danforthcenter.org/education-outreach/research-internships</a>
Deep-C Consortium Internship Program	"Deep-C's internship program carefully matches educators and students majoring in STEM (Science, Technology, Engineering and Mathematics) fields to research opportunities proposed by Deep-C scientists at the various Deep-C educational member institutions. The program offers participants opportunities to conduct research in various fields of science as well as gain real-world experience working with scientists on projects that support the Deep-C mission."	Multiple Locations	Varies	<a href="http://deep-c.org/internships">http://deep-c.org/internships</a>
Duke Institute for Genome Sciences & Policy Summer Fellowship	"Gain an appreciation of major questions in genome sciences and policy currently under investigation within the IGSP through faculty-mentored research projects as well as weekly lectures with faculty, student research discussions, planned social activities, and end-of-summer research presentations."	Durham, NC	TBA	<a href="http://www.genome.duke.edu/education/undergraduate/research/summerfellowships/">http://www.genome.duke.edu/education/undergraduate/research/summerfellowships/</a>
Emory Center for Science Education Summer Undergraduate Research Program	"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. At the end of the summer, each participant takes part in a formal research symposium."	Atlanta, GA	February, 2014	<a href="http://www.cse.emory.edu/projects/students/sure.html">http://www.cse.emory.edu/projects/students/sure.html</a>
Fred Hutchinson Cancer Research Center Summer Undergraduate Research Program	"The Summer Undergraduate Research Program [SURP] is an intensive, nine-week internship designed to provide research experience and mentorship for undergraduate students who are interested in biomedical research. Under the guidance of a faculty mentor, students will complete an independent research project and present their findings at a competitive poster session."	Seattle, WA	January, 2014	<a href="http://www.fhrc.org/en/education-training/undergraduate-students.html">http://www.fhrc.org/en/education-training/undergraduate-students.html</a>
Hartford Hospital Summer Student Pre-Med & Research Program	"The program is designed exclusively for pre-medical students (who are U.S. citizens or permanent residents) completing either their junior or senior year in college. It offers the student an introduction to research methodology, patient treatment, and ethical issues in medicine as well as exposure to a broad spectrum of health care providers within a large community teaching hospital."	Hartford, CT	February, 2014	<a href="http://www.harthosp.org/ResidenciesFellowships/SummerStudentResearchProgram/default.aspx">http://www.harthosp.org/ResidenciesFellowships/SummerStudentResearchProgram/default.aspx</a>
Harvard Catalyst Program, Summer Clinical and Translational Research Program	"The Summer Clinical and Translational Research Program (SCTRP) is a ten-week mentored, summer research program designed to enrich the pipeline of college students' understanding of and interest in pursuing clinical and/or translational research, as well as to increase underrepresented minority and disadvantaged college student exposure to clinical/translational research."	Boston, MA	TBA	<a href="http://www.mfdp.med.harvard.edu/Catalyst/CollegeStudents.html">http://www.mfdp.med.harvard.edu/Catalyst/CollegeStudents.html</a>

Harvard Forest Summer Research Program	"The Harvard Forest Summer Research Program in Ecology is an opportunity for students to participate in 11 weeks of mentored, paid, independent research focusing on the effects of natural and human disturbances on forest ecosystems, including global climate change, hurricanes, forest harvest, changing wildlife dynamics, and invasive species."	Petersham, MA	February, 2014	<a href="http://harvardforest.fas.harvard.edu/other-tags/reu">http://harvardforest.fas.harvard.edu/other-tags/reu</a>
Jackson Laboratory Summer Student Program	"The Jackson Laboratory is an independent, not-for-profit research institution. The Laboratory's work is dedicated to the betterment of human health through research in mammalian genetics."	Bar Harbor, ME	February, 2014	<a href="http://education.jax.org/summerstudent/index.html">http://education.jax.org/summerstudent/index.html</a>
Janelia Farm Undergraduate Scholars Program	"Janelia Undergraduate Scholars are among the very best future scientists, engineers, and mathematicians who are interested in exploring basic neuroscience, imaging technology, and related fields of research at Janelia."	Ashburn, VA	January, 2014	<a href="http://www.janelia.org/student-programs/undergraduate-program">http://www.janelia.org/student-programs/undergraduate-program</a>
Kennedy Krieger Institute MCHC/RISE-UP Program	"The Maternal and Child Health Careers/Research Initiatives for Student Enhancement (MCHC/RISE-UP) Program provides opportunities for enhanced public health and related training to eliminate health disparities and promote health equity."	Multiple Locations	February, 2014	<a href="http://www.kennedykrieger.org/professional-training/professional-training-programs/ri-se-up-programs/mchc-rise-up">http://www.kennedykrieger.org/professional-training/professional-training-programs/ri-se-up-programs/mchc-rise-up</a>
Langley Aerospace Research Student Scholars Program	"LARSS is a year round (3 sessions) paid, research, internship program for undergraduate and graduate students – pursuing degrees in science, technology, engineering, and mathematics (STEM)."	Hampton, VA	February, 2014	<a href="http://nia-cms.nianet.org/LARSS-2012/index.aspx">http://nia-cms.nianet.org/LARSS-2012/index.aspx</a>
Lincoln Park Zoo Research Internship Program	"The internship program is based in the Conservation & Science Department and offers a unique opportunity to conduct work in a variety of areas and gain valuable experience while being a part of the zoo's team approach to research and management of small populations. Interns have the opportunity to conduct research projects under the guidance of staff scientists in one or more of the following areas: demography, population genetics, population modeling, animal behavior, animal cognition, epidemiology, endocrinology and conservation."	Chicago, IL	Varies	<a href="http://lpzoo.org/conservation-science/resources/fellowships-and-internships">http://lpzoo.org/conservation-science/resources/fellowships-and-internships</a>
Lunar and Planetary Institute Summer Intern Program	"The Lunar and Planetary Institute invites undergraduates with at least 50 semester hours of credit to experience cutting-edge research in the lunar and planetary sciences. As a Summer Intern, you will work one-on-one with a scientist at the LPI or at the NASA Johnson Space Center on a research project of current interest in lunar and planetary science."	Houston, TX	January, 2014	<a href="http://www.lpi.usra.edu/lpiintern/">http://www.lpi.usra.edu/lpiintern/</a>
Mayo Clinic Summer Undergraduate Research Fellowship	"Each year, approximately 120 undergraduate students from around the U.S. come to Mayo Clinic in Rochester, Minn., to work beside both young and established scientists on a broad range of biomedical research questions."	Rochester, MN	February, 2014	<a href="http://www.mayo.edu/mgs/programs/summer-undergraduate-research-fellowship">http://www.mayo.edu/mgs/programs/summer-undergraduate-research-fellowship</a>
Minneapolis Heart Institute Foundation Research Internships	"Minneapolis Heart Institute Foundation offers one of the most outstanding and unique internship opportunities available to undergraduate premed students and those studying in other health care disciplines. Working with a physician mentor and a research staff mentor, interns contribute to clinical research studies and publications that impact patient care."	Minneapolis, MN	January, 2014	<a href="http://www.mplsheart.org/get-involved/internships/research-internship/overview/">http://www.mplsheart.org/get-involved/internships/research-internship/overview/</a>

MIT Lincoln Laboratory Summer Research Program	"MIT Lincoln Laboratory applies advanced technology to problems critical to national security. Projects may be available for students with backgrounds in electrical engineering, computer science, physics, mathematics, mechanical engineering, aeronautics/astronautics, materials science, molecular biology, biochemistry, and related fields."	Lexington, MA	Varies	<a href="http://www.ll.mit.edu/college/summerprogram.html">http://www.ll.mit.edu/college/summerprogram.html</a>
Mount Desert Island Biological Laboratory Summer Research Fellowship	"Each summer, over 40 undergraduates from around the United States participate in a research fellowship at MDIBL. Undergraduate students work in the laboratory of an MDIBL investigator on an independent project designed by the student and their mentor. Laboratory training can include techniques in molecular biology, physiology, and bioinformatics."	Salisbury Cove, ME	January, 2014	<a href="http://www.mdibl.org/undergraduate_students.php">http://www.mdibl.org/undergraduate_students.php</a>
National Archives Center for Legislative Archives Internships	"Public outreach interns at the Center for Legislative Archives work on a variety of projects along with outreach staff that develop research and writing skills, expand students' understanding of history, politics and government, and provide opportunities to explore a variety of career paths. Archival interns receive training from the Center's archivists on a variety of projects."	Washington, DC	Varies	<a href="http://www.archives.gov/legislative/internship/">http://www.archives.gov/legislative/internship/</a>
National Cancer Institute Summer Cancer Research Fellowship/Internship Program	"The Summer Cancer Research Fellowship/Internship program provides a unique opportunity for current sophomore, junior or senior undergraduate students to engage in innovative integrative biology approaches to cancer research through the National Cancer Institute's (NCI) Integrative Cancer Biology Program (ICBP). The ICBP, composed of multi-disciplinary Centers across the United States, focuses on the analysis of cancer using systems biology approaches."	Multiple Locations	January, 2014	<a href="http://icbp.nci.nih.gov/education-and-outreach/summer">http://icbp.nci.nih.gov/education-and-outreach/summer</a>
National Center for Atmospheric Research SIParCS Program	"This program embeds students as summer interns in the Computational and Information Systems Laboratory (CISL), an organization within NCAR charged with provisioning supercomputing and data systems to the geosciences research community, as well as conducting research and development in computational science, data analysis, scientific visualization and numerical modeling."	Boulder, CO	January, 2014	<a href="http://www2.cisl.ucar.edu/siparcs">http://www2.cisl.ucar.edu/siparcs</a>
National Ecological Observatory Network	"The NEON Internship Program is a summer work experience at NEON headquarters in Boulder, CO, designed to provide enthusiastic undergraduates with real-world experience in their field. Because NEON is an interdisciplinary organization, we accept students from a variety of disciplines (e.g., Engineering, Science, Computing) as well as those with an interest in communicating about environmental issues."	Boulder, CO	February, 2014	<a href="http://www.neoninc.org/education/internship">http://www.neoninc.org/education/internship</a>
National Eye Institute Summer Intern Program	"The NIH Summer Internship Program (SIP) provides opportunities for students to spend the summer working with some of the world's leading scientists in an environment devoted to biomedical research. Summer interns come to the NEI to participate in research projects that include but are not limited to age-related macular degeneration and other eye diseases, ophthalmic genetics, retinal cell biology, visual neurobiology, and the immunology of the eye."	Bethesda, MD	March, 2014	<a href="http://www.nei.nih.gov/training/summer_intern.asp">http://www.nei.nih.gov/training/summer_intern.asp</a>

National Human Genome Research Institute Summer Internship Program	"The Summer Internship Program in Biomedical Research provides students at all levels the opportunity to perform biomedical research alongside some of the world's most accomplished scientists. The program immerses students in a unique environment devoted to better-understanding the underlying causes of human genetic disease, leading to the development of novel methods for the detection, prevention and treatment of heritable and genetic disorders."	Bethesda, MD	Rolling	<a href="http://www.genome.gov/10000218">http://www.genome.gov/10000218</a>
National Institute of Biomedical Imaging and Bioengineering	"The internship will allow rising senior bioengineering students to participate in cutting edge biomedical research projects under the mentorship of world-class scientists in NIH laboratories in Bethesda, MD."	Bethesda, MD	February, 2014	<a href="http://www.nibib.nih.gov/training-careers/undergraduate-graduate/biomedical-engineering-summer-internship-program-besip">http://www.nibib.nih.gov/training-careers/undergraduate-graduate/biomedical-engineering-summer-internship-program-besip</a>
National Radio Astronomy Observatory Summer Student Research Assistantships	"Since its inception in 1959, the NRAO Summer Student Research Assistantship program has engaged nearly 1,000 young people in scientific research, and many of our summer students have gone on to distinguished careers in astronomy, physics, and other sciences."	Multiple Locations	February, 2014	<a href="https://science.nrao.edu/opportunities/student-programs/summerstudents">https://science.nrao.edu/opportunities/student-programs/summerstudents</a>
Naval Research Enterprise Internship Program	"The Naval Research Enterprise Internship Program (NREIP), provides an opportunity for students to participate in research at a Department of Navy (DoN) laboratory during the summer. The goals of NREIP are to encourage participating students to pursue science and engineering careers, to further education via mentoring by laboratory personnel and their participation in research, and to make them aware of DoN research and technology efforts, which can lead to employment within the DoN."	Multiple Locations	January, 2014	<a href="http://nreip.asee.org/details">http://nreip.asee.org/details</a>
New York Blood Center LFKRI Summer Internship	"For five decades, physicians and scientists at NYBC and its LFKRI have worked to improve human health through the science of blood. Our research has paved the way for new blood-related products, techniques, and therapies as well as numerous landmark patents. Students selected to participate in the summer internship program will work side-by-side with some of the leading scientists in the world and be part of our cutting-edge research."	New York, NY	January, 2014	<a href="http://nybloodcenter.org/research/lfkri-summer-internship/">http://nybloodcenter.org/research/lfkri-summer-internship/</a>
Noble Foundation Summer Research Scholars	"The Noble Foundation Summer Research Scholar Program offers the opportunity to conduct plant science in a real-world laboratory setting with some of the profession's greatest minds. The Noble Foundation boasts 94 Ph.D. scientists from 21 countries, performing cutting-edge plant science research - research that holds the potential to impact global agriculture, influence animal and human health and create alternative energy sources."	Ardmore, OK	February, 2014	<a href="http://www.noble.org/summer-scholar/">http://www.noble.org/summer-scholar/</a>
Office of Fossil Energy, Mickey Leland Energy Fellowship	"The Mickey Leland Energy Fellowship (MLEF), sponsored by the U.S. Department of Energy's Office of Fossil Energy, is a 10-week summer internship program that provides opportunities to students who are pursuing degrees in science, technology (IT), engineering, or mathematics (STEM majors)."	Washington, DC	January, 2014	<a href="http://energy.gov/fe/about-us/students-and-teachers/mickey-leland-energy-fellowship">http://energy.gov/fe/about-us/students-and-teachers/mickey-leland-energy-fellowship</a>
Pasteur Foundation Summer Internship Program	"The Pasteur Foundation Summer Internship Program provides U.S. undergraduates with the rare opportunity to conduct summer research at the Institut Pasteur. The foundation's goal is to encourage students in the pursuit of a scientific career and to expose them to an international laboratory experience."	Paris, France	December, 2013	<a href="http://pasteurfoundation.org/internships.shtml">http://pasteurfoundation.org/internships.shtml</a>

Plum Island Animal Disease Center Research Participation Program	"The Plum Island Animal Disease Center (PIADC) Research Participation Program is designed to provide a flow of qualified researchers to participate in current research activities aimed at developing advanced technologies and countermeasures against foreign animal diseases. Research is conducted at PIADC—a unique research facility and critical national asset located off the northeast coast of Long Island, NY, and accessible by ferry from Orient Point, NY, and Old Saybrook, CT."	Near Long Island, NY	Rolling	<a href="http://www.orau.gov/piadc/gen-info.htm">http://www.orau.gov/piadc/gen-info.htm</a>
Purdue Summer Research Opportunities Program	"It is our aim to encourage talented undergraduate students from social and economic backgrounds that are underrepresented in research careers to pursue graduate education, and to enhance their preparation for graduate study. This program involves intensive research experiences with faculty mentors. Scholars may work in any discipline in which Purdue offers a PhD degree."	West Lafayette, IN	March, 2014	<a href="http://www.gradschool.purdue.edu/diversity/srop-marcaim.cfm">http://www.gradschool.purdue.edu/diversity/srop-marcaim.cfm</a>
Rutgers Institute for Health, Health Care Policy, and Aging Research, Project L/EARN	"The Institute for Health, Health Care Policy, and Aging Research offers Project L/EARN, an exciting program designed to increase graduate school enrollment among students from groups that are traditionally under-represented in health-related graduate programs. We invite sophomore and junior students with an interest in health, mental health, or health services research to apply to the Project L/EARN Summer 2014 research training program."	New Brunswick, NJ	February, 2014	<a href="http://www.ihcpar.rutgers.edu/projectlearn/howtoapply.asp">http://www.ihcpar.rutgers.edu/projectlearn/howtoapply.asp</a>
Rutgers RiSE Program	"RISE (Research in Science and Engineering) is sponsored by Rutgers University, one of the nation's leading public research institutions. We choose 50 outstanding undergraduates from across the U.S. and its territories to participate in 10 weeks of cutting-edge research in the biological, physical, and social sciences, math, engineering, and exciting interdisciplinary areas under the guidance of a carefully matched faculty mentors."	New Brunswick, NJ	Rolling	<a href="http://rise.rutgers.edu/index.php">http://rise.rutgers.edu/index.php</a>
RWTH Aachen University UROP International Program	"RWTH Aachen University will offer a wide range of possible internship options in the fields of Natural Sciences, IT, Engineering, Sociology, Medicine, Psychology or Economics, just to name a few. UROP is generally open for projects from all different fields."	Aachen, Germany	January, 2014	<a href="http://www.exzellenz.rwth-aachen.de/aw/cms/home/Zielgruppen/zukunftskonzept/massnahme_3/projekt_urop/urop_international/~srs/info_fuer_studierende/?lang=en">http://www.exzellenz.rwth-aachen.de/aw/cms/home/Zielgruppen/zukunftskonzept/massnahme_3/projekt_urop/urop_international/~srs/info_fuer_studierende/?lang=en</a>
Santa Fe Institute Edward A. Knapp Undergraduate Fellowship Program	"This program is transdisciplinary, with problems, methods, and data sets drawn from across the scientific spectrum. The Fellowship will train a cohort of young scientists to move confidently from coding a large-scale simulation to analyzing it theoretically. While of interest to students from computer science, pure and applied mathematics and physics, and engineering, it is also open to applicants from quantitative biology and the social sciences."	Santa Fe, NM	February, 2014	<a href="http://www.santafe.edu/education/fellowships/undergraduate/">http://www.santafe.edu/education/fellowships/undergraduate/</a>
Scripps Research Institute Undergraduate Research Opportunities	"The Scripps Research Institute's Summer Undergraduate Research Fellows (SURF) program is open to college students interested in opportunities to work in the field of biomedical research."	Multiple Locations	TBA	<a href="http://www.scripps.edu/florida/education/internships/undergrad.html">http://www.scripps.edu/florida/education/internships/undergrad.html</a>

Sloan-Kettering Summer Undergraduate Research Program	"Our ten-week Summer Undergraduate Research Program (SURP), which begins on the first Monday in June, is designed for approximately 20 outstanding undergraduate freshmen, sophomores, and juniors are interested in pursuing a career in biomedically related sciences. Applicants must have research experience."	New York, NY	February, 2014	<a href="http://www.sloankettering.edu/summer-undergraduate-research-program">http://www.sloankettering.edu/summer-undergraduate-research-program</a>
Smithsonian Environmental Research Center Internship Program	"The Smithsonian Environmental Research Center's (SERC) Internship Program offers undergraduate and beginning graduate students a unique opportunity to gain hands-on experience in the fields of environmental research and education."	Edgewater, MD	Varies	<a href="http://www.serc.si.edu/pro_training/internships/internships.aspx">http://www.serc.si.edu/pro_training/internships/internships.aspx</a>
Smithsonian National Air and Space Museum 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."	Washington, DC	February, 2014	<a href="http://airandspace.si.edu/research/internships/">http://airandspace.si.edu/research/internships/</a>
Smithsonian Tropical Research Institute	"Internships are intended for undergraduates, recent graduates (post-bachelor's) and beginning graduate students interested in advancing their professional goals and intellectual skills under the guidance of a scientist working at STRI. Internships give interns the opportunity to meet and interact with scientists from around the world, gain hands-on experience in their area of academic interest, and delve into Panama's rich culture."	Multiple Locations	Varies	<a href="http://www.stri.si.edu/english/education_fellowships/internships/index.php">http://www.stri.si.edu/english/education_fellowships/internships/index.php</a>
SOARS	"SOARS, Significant Opportunities in Atmospheric Research and Science, is an undergraduate-to-graduate bridge program designed to broaden participation in the atmospheric and related sciences. Each summer, SOARS protégés spend ten weeks conducting original research at the National Center for Atmospheric Research (NCAR) or at laboratories of other SOARS sponsors. By the end of the summer, protégés will prepare scientific papers and present their research at a colloquium."	Boulder, CO	February, 2014	<a href="http://www.soars.ucar.edu/">http://www.soars.ucar.edu/</a>
Space Telescope Science Institute, Space Astronomy Summer Program	"Each summer, the Space Telescope Science Institute (STScI) brings a dozen highly motivated college students to Baltimore, Maryland, for a Space Astronomy Summer Program (SASP). STScI is the scientific operations center for the Hubble Space Telescope and the future James Webb Space Telescope."	Baltimore, MD	January, 2014	<a href="http://www.stsci.edu/institute/smo/students">http://www.stsci.edu/institute/smo/students</a>
St. Jude Children's Research Hospital Pediatric Oncology Education Program	"The POE program offers a unique opportunity for students preparing for careers in the biomedical sciences, medicine, nursing, pharmacy, psychology, or public health to gain biomedical and oncology research experience. The POE program provides a short-term training experience (internship) in either laboratory research or clinical research."	Memphis, TN	February, 2014	<a href="http://www.stjude.org/poe">http://www.stjude.org/poe</a>
Stowers Institute Summer Scholars Program	"The Stowers Summer Scholars Program offers undergraduate students the opportunity to become immersed in a research topic for a full-time ten-week period and experience firsthand the intellectual and collaborative spirit of research."	Kansas City, MO	February, 2014	<a href="http://www.stowers.org/education/undergraduate">http://www.stowers.org/education/undergraduate</a>
Summer Research Program in Life Sciences and Technology at the Ecole Polytechnique Fédérale de Lausanne (EPFL)	"The Summer Research Program in Life Sciences and Technology at the Ecole Polytechnique Fédérale de Lausanne (EPFL), will offer an intensive research training opportunity to 25 undergraduate students interested in research careers in life sciences."	Lausanne, Switzerland	TBA	<a href="http://sv.epfl.ch/summer-research">http://sv.epfl.ch/summer-research</a>

SUNY Upstate Medical University Summer Undergraduate Research Fellowship Program	"The aim of the SURF program is to expose undergraduate students to biomedical research. In an intensive ten-week summer program, undergraduates with appropriate faculty help will formulate their own proposal, carry out research under the supervision of one of our faculty, write a research paper and have the opportunity to see their work published."	Syracuse, NY	February, 2014	<a href="http://www.upstate.edu/grad/programs/summer.php">http://www.upstate.edu/grad/programs/summer.php</a>
The Children's Hospital of Philadelphia Research Institute Summer Scholars Program	"The CHOP Research Institute Summer Scholars Program (CRISSP) is committed to educating and training future leaders in the biomedical sciences, with a special emphasis on advancing laboratory, clinical, behavioral and translational pediatric research."	Philadelphia, PA	January, 2014	<a href="http://www.research.chop.edu/programs/crissp/">http://www.research.chop.edu/programs/crissp/</a>
Tulane National Primate Research Center Undergraduate Fellowship Program	"The Undergraduate Fellowship Program for pre-baccalaureate students interested in a biomedical research experience will be offered during the months of June, July and August. Positions will be available in each of the following five Divisions of the TNPRC: Bacteriology & Parasitology, Comparative Pathology, Regenerative Medicine, Immunology, Microbiology, as well as in the Division of Veterinary Medicine's Environmental Enrichment Unit."	Covington, LA	February, 2014	<a href="http://www.tnprc.tulane.edu/training_summer.html#2">http://www.tnprc.tulane.edu/training_summer.html#2</a>
U.S. Department of Homeland Security STEM Summer Internship Program	"The U.S. Department of Homeland Security (DHS) sponsors a 10-week summer internship program for students majoring in homeland security related science, technology, engineering and mathematics (HS-STEM) disciplines. The DHS HS-STEM Summer Internship Program provides students with the opportunity to conduct research at federal research facilities located across the country."	Multiple Locations	January, 2014	<a href="http://www.orau.gov/dhseducation/internships/index.html">http://www.orau.gov/dhseducation/internships/index.html</a>
U.S. Environmental Protection Agency NNEMS Student Fellowships	"Students who are awarded NNEMS fellowships are offered a unique opportunity to gain research and training experience directly linked to their undergraduate or graduate studies. NNEMS fellows conduct research projects to augment their academic studies, which EPA supports with financial assistance."	Varies	February, 2014	<a href="http://www.epa.gov/education/students.html">http://www.epa.gov/education/students.html</a>
U.S. Environmental Protection Agency Student Internships	"EPA internships and fellowships provide a great introduction to our work, giving you a sense of whether EPA might be the right place for you. Internships, fellowships and other opportunities are available at our Washington D.C. headquarters, in our ten regional offices, and at our labs and research centers throughout the nation."	Multiple Locations	Varies	<a href="http://www.epa.gov/careers/internships/index.html">http://www.epa.gov/careers/internships/index.html</a>
U.S. National Security Agency Internships	"NSA employees are some of the most intelligent people in the intelligence business. They apply their skills and education to gather and analyze foreign intelligence, protect our nation's information systems, advance research, and solve a number of other challenges not found in the private sector."	Multiple Locations	Varies, (typically October or November)	<a href="http://www.nsa.gov/careers/opportunities_4_u/students/undergraduate/">http://www.nsa.gov/careers/opportunities_4_u/students/undergraduate/</a>
UConn Medical/Dental Summer Fellowship Program	"The University of Connecticut School of Medicine and Dental Medicine College Summer Fellowship Program is designed to offer undergraduates who are completing their sophomore, or preferably their junior year of college, and plan to pursue a career as a M.D., D.M.D., M.D./Ph.D., or D.M.D./Ph.D., an opportunity to participate in the research activities of a laboratory at the School of Medicine or Dental Medicine under the direction of a faculty member."	Farmington, CT	March, 2014	<a href="http://medicine.uhc.edu/prospective/collegefellow/index.html">http://medicine.uhc.edu/prospective/collegefellow/index.html</a>



Umass Medical School Combined Summer Undergraduate Research Opportunity	"The University of Massachusetts Medical School (UMMS) Combined Summer Undergraduate Research Opportunity is a non-credit, ten-week, structured research experience sponsored by UMMS Office of School Services. The program consists of "hands-on" laboratory research with an investigator serving as a mentor, role model and advisor."	Worcester, MA	March, 2014	<a href="http://www.umassmed.edu/summer/index.aspx">http://www.umassmed.edu/summer/index.aspx</a>
University of Texas El Paso SMART MIND Program	"With financial support from the National Institute on Drug Abuse, the Campus Office of Undergraduate Research Initiatives (COURI), and grants from members of the Neuroscience Faculty Team at UTEP, the Summer Mentoring and Research Training program in Methods in the Neuroscience of Drug-addiction (SMART MIND) is held each summer."	El Paso, TX	February, 2014	<a href="http://science.utep.edu/smartmind/">http://science.utep.edu/smartmind/</a>
University of Tokyo Research Internship Program	"The University of Tokyo Research Internship Program (UTRIP) is a summer internship program for students majoring in natural science and other relevant fields. The program will provide students with an opportunity to gain the experience of "real graduate-school life" or "research-centered life."	Tokyo, Japan	March, 2014	<a href="http://www.s.u-tokyo.ac.jp/en/utrip/overview/">http://www.s.u-tokyo.ac.jp/en/utrip/overview/</a>
University of Washington Environmental Health Research Experience Program	"Environmental and occupational health is an interdisciplinary field that uses the tools of science to solve human health problems related to the environment. If you want to use your science background to help people live healthier lives, this research program is for you. The Environmental Health Research Experience Program (EH REP) is a funded nine week, summer experience for talented undergraduates who express strong interest in environmental health science research."	Seattle, WA	February, 2014	<a href="http://deohs.washington.edu/academics/undergraduate-summer-research-program">http://deohs.washington.edu/academics/undergraduate-summer-research-program</a>
UT Southwestern SURF Program	"The Summer Undergraduate Research Fellowship (SURF) program at UT Southwestern's Graduate School of Biomedical Sciences is an intensive summer research training experience designed for college students who are preparing for Ph.D or M.D./Ph.D. careers in biomedical research."	Dallas, TX	February, 2014	<a href="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</a>
Wadsworth Center, New York State Department of Health, Summer Research Program	"The Wadsworth Center participates in summer research experiences for undergraduates. Students are selected from colleges across the country to work for 10 weeks (from June 3 through August 9, 2013) on independent research projects in the laboratories of Wadsworth scientists."	Albany, NY	March, 2014	<a href="http://www.wadsworth.org/educate/molcel.htm">http://www.wadsworth.org/educate/molcel.htm</a>
Washington Internships for Students of Engineering	"The WISE goal is to prepare future leaders of the engineering profession in the United States who are aware of, and who can contribute to, the increasingly important issues at the intersection of science, technology, and public policy."	Washington, DC	December, 2013	<a href="http://www.wise-intern.org/application/index.html">http://www.wise-intern.org/application/index.html</a>
Weizmann Institute of Science Undergraduate Summer Program	"Each summer, the Weizmann Institute of Science's annual Kupciner-Getz International Science School accepts a select number of outstanding undergraduate students to participate in research projects in mathematics, physics, chemistry and life sciences. It is an enrichment program designated for undergraduate students from all over the world, who are majoring in the Sciences, to experience science first-hand by becoming part of a research group at the Weizmann Institute."	Rehovot, Israel	December, 2013	<a href="http://www.weizmann.ac.il/pages/undergraduate-summer-program-the-kupciner-getz-program">http://www.weizmann.ac.il/pages/undergraduate-summer-program-the-kupciner-getz-program</a>