

## Opportunities for Students

Last updated: **July 21, 2006**

There are many opportunities for students to obtain industry, technical, or research experience locally or through national venues. This section provides information about faculty development opportunities in biotechnology and has been organized as follows:

- I. Nationally Located Opportunities—Located various places in the US or online, includes databases of programs
- II. Regionally Located Opportunities—Limited to a specific US state/area

This is only a partial list of available opportunities for undergraduate summer internships or summer research positions. Check with local industries and research institutions for other possibilities for undergraduates.

Any information you would like to contribute to this webpage is appreciated, please send it to: Carie Fisher, [cefisher1@matcmadison.edu](mailto:cefisher1@matcmadison.edu)

### Nationally Located Opportunities

<b>TITLE</b>	<b>Abbott Laboratories</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.abbott.com/career/Internships.cfm">http://www.abbott.com/career/Internships.cfm</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	Varies with program.
<b>INFO</b>	The Abbott Internship Program provides undergraduate and graduate students with supervised practical work experience that is directly related to their education and career goals. The primary objective of the program is to provide hiring managers with an opportunity to select and to train high-potential students for future employment at Abbott Laboratories.
<b>LOCATION</b>	Varies with program.
<b>COST/STIPEND</b>	Contact program for more information.

<b>TITLE</b>	<b>Affymetrix</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.affymetrix.com/corporate/careers/university_relations.affx">http://www.affymetrix.com/corporate/careers/university_relations.affx</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	Varies with program.
<b>INFO</b>	We are looking for students with the vision, innovation, and passion to advance the frontiers of science. Requirements include full-time enrollment in an accredited college or university and completion of your sophomore year by June, with plans to return to school in the fall. We offer internship and full-time assignments for students who major in life science, bioinformatics, biology, chemistry, and/or molecular biology.
<b>LOCATION</b>	Varies with program.
<b>COST/STIPEND</b>	Contact program for more information.

<b>TITLE</b>	<b>Agilent Technologies</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.jobs.agilent.com/students/index.html">http://www.jobs.agilent.com/students/index.html</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	Varies with program.
<b>INFO</b>	<p>Somewhere in your distant or recent past, it came to you. A genuine spark of interest, ambition, inspiration (perhaps all three) set you in motion. It led you to and through formal education. And now it's brought you here to Agilent. Where revolutions in communications, electronics and the sciences are ready to be ignited. We are anxious for you to join us. Our future depends upon it.</p> <p>Each year, we hire hundreds of the best students around the world for internships and full-time employment. If you're open to even more personal and professional growth, let's get together and see what</p>

	that spark can really do.
<b>LOCATION</b>	Varies with program.
<b>COST/STIPEND</b>	Contact program for more information.

<b>TITLE</b>	<b>Biogen</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.biogen.com/site/032.html">http://www.biogen.com/site/032.html</a>
<b>OPEN TO</b>	<b>Nationwide</b> undergraduate students.
<b>DATES</b>	10-12 week summer program.
<b>INFO</b>	Biogen Idec offers a summer internship program for students in all life science disciplines as well as non-science opportunities such as finance and marketing. Our college internship program is designed to offer opportunities to students who are interested in exploring the biotech industry and a career at Biogen Idec. Through hands-on work experience we offer a supportive, collaborative teaching environment aimed at assisting students to develop their skills and identify their career goals. We seek students who are interested in building a long-term relationship with Biogen Idec.  Through our internship program, we offer students the opportunity to come inside the doors of the 3rd largest biotech company in the world - - learn first-hand how teamwork, collaboration and commitment to providing the best service to our patients - has helped drive our company to success.
<b>LOCATION</b>	Varies with program.
<b>COST/STIPEND</b>	Contact program for more information.

<b>TITLE</b>	<b>Biology &amp; Biotechnology Paid Co-op/Internship Opportunities for 2006—RIT</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.rit.edu/~gtfsbi/Symp/summer.htm#intro">http://www.rit.edu/~gtfsbi/Symp/summer.htm#intro</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	Varies with program.
<b>INFO</b>	This is a listing of Co-Op and Internship opportunities for undergraduates nationwide. The list is maintained by the Department of Biological Sciences at RIT and is organized by discipline. This is a VERY through database of opportunities.
<b>LOCATION</b>	Varies with program.
<b>COST/STIPEND</b>	Contact program for more information.

<b>TITLE</b>	<b>Dept. of Energy Science and Engineering Internships</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.scied.science.doe.gov/scied/sci_ed.htm">http://www.scied.science.doe.gov/scied/sci_ed.htm</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	Varies with program.
<b>INFO</b>	The DOE sponsors various paid internships in the science and engineering career fields, some of which apply to students in biotechnology curriculums. Many offer stipends and housing allowance available for some. Students work with scientists or engineers on projects related to the laboratories' research programs. There is a specific Community College Institute link that targets students in 2-year programs (CCI).
<b>LOCATION</b>	Varies with program.
<b>COST/STIPEND</b>	Contact program for more information.

<b>TITLE</b>	<b>DuPont</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www2.dupont.com/Career_Center/en_US/">http://www2.dupont.com/Career_Center/en_US/</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	Varies with program.
<b>INFO</b>	DuPont is a global company of people who make a difference in everyday life. For talented and creative people like you, future career paths can be rich and varied. DuPont offers you endless possibilities to use

	all of your professional and interpersonal skills to help us create the future together...
<b>LOCATION</b>	Varies with program.
<b>COST/STIPEND</b>	Contact program for more information.

<b>TITLE</b>	<b>Honeywell</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.honeywell.com/careers/camp_undergrad.html">http://www.honeywell.com/careers/camp_undergrad.html</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	Varies with program.
<b>INFO</b>	Honeywell is a global company with a long and distinguished history. We offer challenging assignments and the opportunity to work with talented people around the world. We emphasize continuous learning, with opportunities to improve your skills and grow your experiences. We hire the best people; give them every possible opportunity to learn, grow, and develop; and reward them for their contributions. We offer a variety of career opportunities that span product lines, job types, businesses, and countries. We improve safety, energy efficiency, and productivity around the world. We invent and use the newest technologies. We embrace the highest standards of integrity in everything we do.
<b>LOCATION</b>	Varies with program.
<b>COST/STIPEND</b>	Contact program for more information.

<b>TITLE</b>	<b>Howard Hughes Institute listing of grants and fellowships</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.hhmi.org/grants/reports/scienceopp/main">http://www.hhmi.org/grants/reports/scienceopp/main</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	Varies with program.
<b>INFO</b>	Through its grants to individuals and institutions, HHMI supports the efforts of scientists and educators, colleges and universities, museums, and biomedical research organizations. These grants are transforming the ways research is conducted and science is taught and understood.  The largest privately funded education initiative of its kind in the United States, HHMI's grants program is enhancing science education for students at all levels, from the earliest grades through advanced training. Since 1988 HHMI has awarded approximately \$1.5 billion in grants.
<b>LOCATION</b>	Varies with program.
<b>COST/STIPEND</b>	Contact program for more information.

<b>TITLE</b>	<b>Partnership for Minority Advancement in the Bimolecular Sciences</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.unc.edu/pmabs/clearinghouse.htm">http://www.unc.edu/pmabs/clearinghouse.htm</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	Varies with program.
<b>INFO</b>	Summer internships and research programs, stipends, travel funds, and other opportunities for undergraduates in the biological sciences. This is a very detailed listing of summer internships listed by region. Although the site is designed to assist minority students many of the listed positions are open to non-minority students. Please read the internship requirements carefully. Some of the links are outdated or dead.
<b>LOCATION</b>	Varies with program.
<b>COST/STIPEND</b>	Contact program for more information.

<b>TITLE</b>	<b>Procter &amp; Gamble</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.pg.com/jobs/recruitblue/collegerecrt.jhtml">http://www.pg.com/jobs/recruitblue/collegerecrt.jhtml</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	Varies with program.
<b>INFO</b>	In all areas of the world, regardless of the region, our primary recruiting focus is on new or recent college

graduates. Over the years, we've developed relationships with many college campuses. We've hired many graduates who've gone on to success in our Company—and beyond. Some of the most successful leaders in business today got their start at P&G.

**LOCATION** Varies with program.

**COST/STIPEND** Contact program for more information.

**TITLE** **Raytheon**

**TYPE** Fellowship/Research Program

**CONTACT** <http://www.rayjobs.com/campus/index.cfm?tool=Programs>

**OPEN TO** **Nationwide** college undergraduate students.

**DATES** Varies with program.

**INFO** Here at Raytheon, we place great value on our Student Programs Employees. Our program is structured to maximize your hands-on experience as we develop a lasting relationship with you. We bring you what matters most as a co-op or intern:

- Real-world experience that provides the edge upon graduation
- Competitive salary
- Relocation assistance
- Employee benefits (at some locations)
- Flexible work time (work hours)
- Casual environment in a high-tech setting
- Career mentoring
- Access to the latest technologies

**LOCATION** Varies with program.

**COST/STIPEND** Contact program for more information.

**TITLE** **Research Experiences for Undergraduates (REU) Program Opportunities—NSF**

**TYPE** Fellowship/Research Program

**CONTACT** [http://www.nsf.gov/crssprgm/reu/reu\\_search.cfm](http://www.nsf.gov/crssprgm/reu/reu_search.cfm)

**OPEN TO** **Nationwide** college undergraduate students.

**DATES** Varies with program.

**INFO** Includes links to all REU institutions. NSF funds a large number of research opportunities for undergraduate students through its REU Sites program. An REU Site consists of a group of ten or so undergraduates who work in the research programs of the host institution. Each student is associated with a specific research project, where he/she works closely with the faculty and other researchers. Students are granted stipends and, in many cases, assistance with housing and travel. Undergraduate students supported with NSF funds must be citizens or permanent residents of the United States or its possessions. An REU Site may be at either a US or foreign location.

**LOCATION** Varies with program.

**COST/STIPEND** Contact program for more information.

**TITLE** **Summers of Discovery at NIEHS**

**TYPE** Fellowship/Research Program

**CONTACT** <http://www.training.nih.gov/student/index.asp>

**OPEN TO** **Nationwide** undergraduate students.

**DATES** Varies with program.

**INFO** Summer programs at the National Institutes of Health (NIH) provide an opportunity to spend a summer working side-by-side with some of the leading scientists in the world, in an environment devoted exclusively to biomedical research. The NIH consists of the new 240-bed Mark O. Hatfield Clinical Research Center and more than 1200 laboratories located on the main campus in Bethesda, MD as well as in Baltimore and Frederick, MD; Research Triangle Park, NC; Phoenix, AZ; Hamilton, MT; and Detroit, MI. For information on training opportunities in the various NIH Institutes and Centers.

Summer internships generally last from eight to ten weeks, beginning in late May and ending in mid-to-late August. Some flexibility exists to accommodate individual student needs. To be eligible for this program, students must be enrolled at least halftime in an accredited U.S. high school, college, or university. In addition, candidates must be U.S. citizens or permanent residents and at least 16 years of age.

<b>LOCATION</b>	Varies with program.
<b>COST/STIPEND</b>	Stipend of based on experience.

## Regionally Located Opportunities

### Arizona:

<b>TITLE</b>	<b>Science &amp; Technology Centers (STCs) Undergraduate Research Opportunities</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.nsfstc.org/">http://www.nsfstc.org/</a> and <a href="http://www.sahra.arizona.edu/education/students/REU.html">http://www.sahra.arizona.edu/education/students/REU.html</a> or contact Program Director, Jim Washburne at <a href="mailto:jwash@hwr.arizona.edu">jwash@hwr.arizona.edu</a> and (520) 626-4107
<b>OPEN TO</b>	<b>Nationwide</b> undergraduate students.
<b>DATES</b>	8 week summer program.
<b>INFO</b>	<p>The National Science Foundation Science &amp; Technology Centers (STCs) offer summer internships at each of the 13 centers, located at prestigious universities around the United States. These summer internships provide undergraduates an opportunity to conduct research in a "graduate school" setting.</p> <p>The Center for Sustainability of Semi-Arid Hydrology and Riparian Areas (SAHRA's) mission is to promote sustainable management of water resources in semi-arid regions, through stakeholder-driven interdisciplinary research, aggressive public outreach and strong education initiatives, which leads to the rapid dissemination and application of cutting-edge scientific knowledge. Research areas include: Spatial and Temporal Components of the Water Balance, Basin Scale Water and Solute Balances, Functioning of Riparian Systems, Multi-Resolution Integrated Modeling, and the Analysis of Water Resources Competition, Conflict, Planning and Policy.</p>
<b>LOCATION</b>	Tucson, AZ
<b>COST/STIPEND</b>	Contact program for more information.

### California:

<b>TITLE</b>	<b>Bio-Rad Laboratories</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.bio-rad.com/">http://www.bio-rad.com/</a> (search under "career center")
<b>OPEN TO</b>	<b>Nationwide</b> undergraduate students.
<b>DATES</b>	10 week summer program.
<b>INFO</b>	We offer paid internships in finance, human resources, marketing, information technology, engineering, biochemistry, microbiology, quality control and assurance, environmental health and safety, and research and development. This is a dynamic program that takes you outside of the classroom and into the real world. You gain experience and contacts to jump-start your career and get a taste of professional life while you experience the bustling pace of the San Francisco Bay Area.
<b>LOCATION</b>	San Francisco, CA
<b>COST/STIPEND</b>	Stipend paid by the hour.

<b>TITLE</b>	<b>Genentech</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.gene.com/gene/careers/college/internships/">http://www.gene.com/gene/careers/college/internships/</a>
<b>OPEN TO</b>	<b>Nationwide</b> undergraduate students.
<b>DATES</b>	Variable date summer program.
<b>INFO</b>	<p>Genentech is a leading biotechnology company that discovers, develops, manufactures and commercializes biotherapeutics for significant unmet medical needs. We commit ourselves to high standards of integrity in contributing to the best interests of patients, the medical profession, our employees and our communities, and to seeking significant returns to our stockholders, based on the continual pursuit of scientific and operational excellence.</p> <p>From the beginning, we have selected the best and brightest people to join us, creating a stimulating corporate culture of openness, integrity, and creativity. Our employees enjoy an environment that supports work-life balance through benefits and programs, including sabbaticals, near-site childcare, a concierge service and on-site health and fitness programs.</p>

<b>LOCATION</b>	Variable locations in California.
<b>COST/STIPEND</b>	Stipend paid by the month.

<b>TITLE</b>	<b>Lawrence Berkeley National Laboratory</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://csee.lbl.gov/student_opps.html">http://csee.lbl.gov/student_opps.html</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	Varies with program.
<b>INFO</b>	<ul style="list-style-type: none"> <li>• <a href="#">Science Undergraduate Laboratory Internships (SULI)</a></li> <li>• <a href="#">Community College Initiative (CCI)</a></li> <li>• <a href="#">Faculty and Student Teams (FaST)</a></li> <li>• <a href="#">Pre-Service Teacher Program (PST)</a></li> </ul>
<b>LOCATION</b>	Berkley, CA
<b>COST/STIPEND</b>	Contact program for more information.

<b>TITLE</b>	<b>Lawrence Livermore National Laboratory</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.llnl.gov/llnl/education/college.jsp">http://www.llnl.gov/llnl/education/college.jsp</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	Varies with program.
<b>INFO</b>	<p>The Lawrence Livermore National Laboratory (LLNL) hosts 300 to 400 undergraduate and graduate students every summer in support of it's world-class scientific facilities and staff and in an effort to help train the nation's next generation of scientists and engineers. The <a href="#">University Gateway website</a> contains descriptions of most <a href="#">LLNL internships</a>. The website also contains information regarding eligibility, the selection process, how to apply and how to write a interest statement.</p> <p>As a national laboratory with state-of-the-art research facilities and capabilities, LLNL addresses a broad range of important national needs. We have developed wide-ranging capabilities in applied science and technology. With unique expertise in selected research areas and many specialized facilities and centers of excellence.</p>
<b>LOCATION</b>	Livermore, CA
<b>COST/STIPEND</b>	Contact program for more information.

<b>TITLE</b>	<b>Roche</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://palto.roche.com/careers/Internships.html">http://palto.roche.com/careers/Internships.html</a>
<b>OPEN TO</b>	<b>Nationwide</b> undergraduate students.
<b>DATES</b>	10 week summer program.
<b>INFO</b>	<p>A highly successful college internship program has been in existence at Roche Palo Alto for many years. Our full-time ten-week internship program provides an opportunity for undergraduate juniors and seniors to gain hands-on experience in a focused, highly productive setting. Internships have been offered in Biology, Biochemistry, Cell and Molecular Biology, Analytical Chemistry, Medicinal Chemistry, and Pharmacology.</p> <p>Working under the guidance of a Roche mentor, interns are assigned significant cutting-edge projects in their field of study. Interns are given full support in pursuit of their projects and conclude the internship with a formal presentation of their results. During the program, interns participate in seminars, tours, and social events and enjoy on-campus amenities such as a 24-hour gym, cafeteria, and Starbucks coffee bar. Approximately one third of the individuals who participate in this internship program have returned to the company as regular employees after graduation.</p>
<b>LOCATION</b>	Palo Alto, CA
<b>COST/STIPEND</b>	Stipend paid by the hour.

<b>TITLE</b>	<b>Sandia National Laboratory</b>
<b>TYPE</b>	Fellowship/Research Program

<b>CONTACT</b>	<a href="http://www.sandia.gov/employment/special-prog/index.html#top">http://www.sandia.gov/employment/special-prog/index.html#top</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	Varies with program.
<b>INFO</b>	<p>Sandia has exciting opportunities for students ranging from high school (16+ years of age) all the way through the Ph.D. level. We have opportunities for year-round and summer employment, as well as research fellowships. Apply for the Student Internship Program in <a href="#">Albuquerque, New Mexico</a> or <a href="#">Livermore, California</a> now.</p> <p>There are numerous ways to work at Sandia National Laboratories. In addition to full-time regular employment, we provide employment opportunities through various special programs. Select each program to learn more!</p> <ul style="list-style-type: none"> <li>• <a href="#">One Year on Campus (OYOC)</a>: Sandia will pay for bachelor-level graduates who meet programmatic criteria to receive a Master of Science degree at our nation's top institutions of academia.</li> <li>• <a href="#">Truman Fellowship</a>: A fellowship that provides qualified recipients an opportunity to pursue independent research of their own choosing that supports the national security mission of Sandia National Labs.</li> </ul>
<b>LOCATION</b>	Albuquerque, New Mexico or Livermore, CA
<b>COST/STIPEND</b>	Contact program for more information.

<b>TITLE</b>	<b>Science &amp; Technology Centers (STCs) Undergraduate Research Opportunities</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.nsfstc.org/">http://www.nsfstc.org/</a> and <a href="http://www.eecs.berkeley.edu/Programs/ugrad/superb/superb.html">http://www.eecs.berkeley.edu/Programs/ugrad/superb/superb.html</a> or contact Program Director, Rebecca Brown at <a href="mailto:becca@eecs.berkeley.edu">becca@eecs.berkeley.edu</a> and (510) 642-7372
<b>OPEN TO</b>	<b>Nationwide</b> junior and senior undergraduate engineering students.
<b>DATES</b>	8 week summer program.
<b>INFO</b>	<p>The National Science Foundation Science &amp; Technology Centers (STCs) offer summer internships at each of the 13 centers, located at prestigious universities around the United States. These summer internships provide undergraduates an opportunity to conduct research in a "graduate school" setting.</p> <p>The Team for Research in Ubiquitous Secure Technology (TRUST) is devoted to the development of a new science and technology that will radically transform the ability of organizations (software vendors, operators, local and federal agencies) to design, build, and operate trustworthy information systems for our critical infrastructure.</p> <p>The Summer Undergraduate Program in Engineering Research at Berkeley - Information Technology (SUPERB-IT) in the Electrical Engineering and Computer Sciences (EECS) Department offers a group of talented undergraduate engineering students the opportunity to gain research experience. The program's objective is to provide research opportunities in engineering to students who have been historically underrepresented in the field for reasons of social, cultural, educational or economic barriers. SUPERB affirms students' motivation for graduate study and strengthens their qualifications through strong faculty mentoring and challenging research projects.</p>
<b>LOCATION</b>	Berkeley, CA
<b>COST/STIPEND</b>	Stipend of \$3,750 plus housing and meals during internship. Up to \$600 for travel expenses.

<b>TITLE</b>	<b>Science &amp; Technology Centers (STCs) Undergraduate Research Opportunities</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.nsfstc.org/">http://www.nsfstc.org/</a> and <a href="http://www.nsfstc.unc.edu/">http://www.nsfstc.unc.edu/</a> or contact Program Director, Wesley Uehara at <a href="mailto:wuehara@cens.ucla.edu">wuehara@cens.ucla.edu</a> and (310) 825-9463
<b>OPEN TO</b>	<b>Nationwide</b> undergraduate students.
<b>DATES</b>	8 week summer program.
<b>INFO</b>	<p>The National Science Foundation Science &amp; Technology Centers (STCs) offer summer internships at each of the 13 centers, located at prestigious universities around the United States. These summer internships provide undergraduates an opportunity to conduct research in a "graduate school" setting.</p> <p>The Center for Embedded Networked Sensing (CENS) is developing Embedded Networked Sensing (ENS) Systems and applying this revolutionary technology to critical scientific and social applications. ENS</p>

systems are massively distributed collections of smart sensors and actuators embedded in the physical world. Research areas include: Adaptive Self-Configuring Wireless Systems, Coordinated Actuation, Collaborative Signal Processing, and Micro/Nano Sensor Technology. The societal applications of this research includes: Habitat Sensing, Seismic Sensing and Structural Monitoring, Contaminant Transport Monitoring, and Monitoring of Marine Microorganisms.

**LOCATION** Los Angeles, CA

**COST/STIPEND** Contact program for more information.

**TITLE** **Science & Technology Centers (STCs) Undergraduate Research Opportunities**

**TYPE** Fellowship/Research Program

**CONTACT** <http://www.nsfstc.org/> and <http://cbst.ucdavis.edu/education/undergraduate/research-programs>

**OPEN TO** **Nationwide** undergraduate students.

**DATES** 8-12 week summer program.

**INFO** The National Science Foundation Science & Technology Centers (STCs) offer summer internships at each of the 13 centers, located at prestigious universities around the United States. These summer internships provide undergraduates an opportunity to conduct research in a "graduate school" setting.

The Center for Biophotonics, Science and Technology (CBST) has a mission to improve the quality of life by dramatically expanding the use of photons in and the development of technology for the life sciences, bioengineering and health care. Biophotonics is the science of generating and harnessing light (photons) to image, detect and manipulate biological materials. Research areas include: Bioimaging, Biomaterial & Biomembranes, Medical Devices, and Sensors & Assays.

**LOCATION** Sacramento, CA

**COST/STIPEND** Stipend of \$500 per week of internship.

**TITLE** **Science & Technology Centers (STCs) Undergraduate Research Opportunities**

**TYPE** Fellowship/Research Program

**CONTACT** <http://www.nsfstc.org/> and <http://cfao.ucolick.org/EO/internshipsnew/mainland/> or contact the Program Director, Malika Bell at [malika@ucolick.org](mailto:malika@ucolick.org) and (831) 459-4688

**OPEN TO** **Nationwide** undergraduate students.

**DATES** 8 week summer program.

**INFO** The National Science Foundation Science & Technology Centers (STCs) offer summer internships at each of the 13 centers, located at prestigious universities around the United States. These summer internships provide undergraduates an opportunity to conduct research in a "graduate school" setting.

The Center for Adaptive Optics (CfAO) will concentrate on astronomical and vision science applications of adaptive optics and will reach out to other adaptive optics communities to share technologies. It will develop new instruments optimized for adaptive optics. Adaptive optics is a method for removing the blurring of images caused by changing distortions within optical systems. Research areas include: AO for Extremely Large Telescopes, Extreme Adaptive Optics enabling ultra-high-contrast astronomical observations, and AO instrumentation and Compact Vision Science Instrumentation for Clinical and Scientific Use.

This program is an intensive eight-week research experience with an emphasis on adaptive optics science. The program provides opportunities at various CfAO sites over the summer. Additional activities and resources will be available to provide support during the academic year. The interns will start with a 6-day Short Course at UC Santa Cruz, then go to work at their internship site, and finally present their summer project at a student symposium held at UC Santa Cruz. Participants will also be eligible to apply to present their summer research at a national conference in the fall. Upon completion of the internship program, participants will be better prepared to pursue their educational and research career goals.

**LOCATION** Santa Cruz, CA

**COST/STIPEND** Stipend of \$3,000 plus housing, roundtrip travel from your home to the internship site, and travel for other scheduled activities.

**TITLE** **Theravance, Inc**

**TYPE** Fellowship/Research Program

**CONTACT** <http://www.theravance.com/careers/internships.php>

<b>OPEN TO</b>	<b>Nationwide</b> undergraduate students.
<b>DATES</b>	10 week summer program.
<b>INFO</b>	Our internship program provides temporary summer assignments of two to three months for undergraduate/graduate students interested in the field of science. Working in a designated research area, you will be given clearly defined responsibilities with the end result being the completion of a project. You will have the chance to gain practical laboratory experience and make a measurable contribution to your assigned department based on current business goals. We will give you the guidance and support you need to succeed.
<b>LOCATION</b>	San Francisco, CA
<b>COST/STIPEND</b>	Stipend paid by the month.

**Colorado:**

<b>TITLE</b>	<b>National Renewable Energy Laboratory</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.nrel.gov/education/graduate.html">http://www.nrel.gov/education/graduate.html</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	Varies with program.
<b>INFO</b>	<ul style="list-style-type: none"> <li>The <a href="#">SULI</a> program is the U.S. Department of Energy's (DOE) Office of Science premier undergraduate education and research program. The program is designed to provide undergraduate students with educational training and research experiences to strengthen their knowledge and skills and deepen their commitment to pursue careers in science and technology.</li> <li>NREL participates in a national <a href="#">Community College Institute</a> (CCI) for Science and Technology sponsored by the U.S. Department of Energy <a href="#">Office of Science and the American Association of Community Colleges</a>. This collaborative initiative is designed to provide educational training and research experience at selected DOE laboratories. CCI offers community college students technician experience while opening doors to education at 4-year colleges and universities.</li> <li>NREL's <a href="#">Research Participant Program</a> gives qualified university undergraduate and graduate students the opportunity to participate in the Laboratory's research and development programs and develop expertise in disciplines related to renewable energy research.</li> <li>The U.S. Department of Energy's Office of Science <a href="#">Pre-Service Teacher</a> (PST) Internship Program provides laboratory research opportunities to highly motivated pre-service teachers (undergraduates or graduate students preparing to be teachers).</li> </ul>
<b>LOCATION</b>	Golden, CO
<b>COST/STIPEND</b>	Contact program for more information.

**District of Columbia:**

<b>TITLE</b>	<b>ASPH/CDC/ATSDR Internship</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.asph.org/document.cfm?page=751&amp;JobProg_ID=7">http://www.asph.org/document.cfm?page=751&amp;JobProg_ID=7</a> or contact the Program Director at <a href="mailto:info@asph.org">info@asph.org</a> and (202) 296-1099
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	10 week summer program.
<b>INFO</b>	The Internship Program is a part of a cooperative agreement between the Association of Schools of Public Health (ASPH), the Centers for Disease Control and Prevention (CDC), and the Agency for Toxic Substances and Disease Registry (ATSDR). The Program was started in 1983 and was designed to provide an opportunity for students of public health to gain exposure to state-of-the-art public health information while furthering their knowledge and skills. Students selected for the Program work with leading experts in all areas of public health as they apply their education to real life scenarios.
<b>LOCATION</b>	Washington, D.C.
<b>COST/STIPEND</b>	Stipend of \$6,000.

<b>TITLE</b>	<b>Center of Intelligence Agency Internship Program</b>
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<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="https://www.cia.gov/careers/student.html#req">https://www.cia.gov/careers/student.html#req</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	10 week summer program.
<b>INFO</b>	<p>You can contribute to the work of the nation before you graduate. The CIA offers student work opportunities in the form of undergraduate student internships or co-ops, and graduate studies programs. If you would like to work with highly skilled professionals to support US officials who make our country's foreign policy, the CIA is looking for you.</p> <p>Our programs will benefit you and the Agency. You'll assist with substantive and meaningful work assignments, while earning a competitive income and gaining invaluable practical experience. There's no better place to learn than at the center of intelligence.</p>
<b>LOCATION</b>	Washington, D.C.
<b>COST/STIPEND</b>	Contact program for more information.

<b>TITLE</b>	<b>National Science Resources Center Internship Program</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.nsrconline.org/about_the_nsrc/Internship_program.html">http://www.nsrconline.org/about_the_nsrc/Internship_program.html</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	Varies with program.
<b>INFO</b>	<p>For high school, college, and graduate students interested in improving K-12 science education in the United States and around the world—this is the internship for you! The National Science Resources Center (NSRC) provides leadership, services and products for improving the learning and teaching of science through three integrated Centers of Excellence: the Leadership and Assistance for Science Education Reform (LASER) Center, the Professional Development Center, and the Curriculum Development Center. <a href="#">More about the NSRC.</a></p>
<b>LOCATION</b>	Washington, D.C.
<b>COST/STIPEND</b>	Contact program for more information.

### Georgia:

<b>TITLE</b>	<b>Science &amp; Technology Centers (STCs) Undergraduate Research Opportunities</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.nsfstc.org/">http://www.nsfstc.org/</a> and <a href="http://www.cbn-atl.org/education/brain.html">http://www.cbn-atl.org/education/brain.html</a> or contact Program Director, Adah Douglas-Cheatham at <a href="mailto:adoug13@learnlink.emory.edu">adoug13@learnlink.emory.edu</a> and (404) 712-2448
<b>OPEN TO</b>	<b>Nationwide</b> undergraduate students.
<b>DATES</b>	10 week summer program.
<b>INFO</b>	<p>The National Science Foundation Science &amp; Technology Centers (STCs) offer summer internships at each of the 13 centers, located at prestigious universities around the United States. These summer internships provide undergraduates an opportunity to conduct research in a "graduate school" setting.</p> <p>The Center for Behavioral Neuroscience (CBN) conducts basic research on the neurobiology of social behavior, with a particular emphasis on understanding affiliation, aggression, fear and reproduction. An additional area of interest is how social experience and the environment affect the brain and nervous system. The research program is supported by five service cores, including a behavioral technology core, cellular core, imaging core, molecular core and tract tracer core.</p> <p>Behavioral Research Advancements in Neuroscience (BRAIN), a nationally recognized undergraduate education program, focuses on increasing student interest in behavioral neuroscience and, ultimately, in the pursuit of research and other science careers (e.g. science policy, science education, and science journalism).</p> <p>BRAIN participants receive an intensive, first-class research experience in the biomedical and behavioral sciences; expert mentoring from eminent research scientists at CBN member institutions; in-class instruction to enhance communication and quantitative skills; and the skills necessary for the successful pursuit of a doctorate.</p>
<b>LOCATION</b>	Atlanta, GA
<b>COST/STIPEND</b>	Contact program for more information.

**Idaho:**

<b>TITLE</b>	<b>Idaho National Laboratory</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.inl.gov/education/undergraduate.shtml">http://www.inl.gov/education/undergraduate.shtml</a> and <a href="http://www.inl.gov/education/suli.shtml">http://www.inl.gov/education/suli.shtml</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	Varies with program.
<b>INFO</b>	<p>The Undergraduate Student Fellowship enhances the education of students majoring in science, mathematics, engineering, and technology, in support of the Department of Energy's mission for the INL. The awards are made available through funding from the Department of Energy and the INL. These fellowships provide an intensive introduction to mission support areas through the guidance of experienced mentors. Students are selected based on their chosen field of study (major) that matches the project description.</p> <p>The U.S. Department of Energy, Office of Science sponsors the Science Undergraduate Laboratory Internships (SULI) program. It is designed to provide educational training and research experience at 10 participating DOE facilities, one of which is the INL.</p>
<b>LOCATION</b>	Idaho Falls, ID
<b>COST/STIPEND</b>	Contact program for more information.

**Illinois:**

<b>TITLE</b>	<b>Argonne National Laboratory</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.anl.gov/Careers/Education/index.html">http://www.anl.gov/Careers/Education/index.html</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	Varies with program.
<b>INFO</b>	<p>The Division of Educational Programs (DEP) is Argonne's link to the educational community. Each year, DEP faculty members from around the nation, operating the largest set of educational programs of any DOE Sci faculty members at all educational levels, Argonne has a program that will engage you in a scientific learning</p> <ul style="list-style-type: none"> <li>• <a href="#">Fall Science Undergraduate Laboratory Internships</a></li> <li>• <a href="#">Spring Science Undergraduate Laboratory Internships</a></li> <li>• <a href="#">Summer Science Undergraduate Laboratory Internships</a></li> <li>• <a href="#">Community College Student Internships</a></li> <li>• <a href="#">Pre-Service Teacher (PST) Program</a></li> <li>• <a href="#">Research Aide Appointments</a></li> <li>• <a href="#">Cooperative Education</a></li> <li>• <a href="#">Symposium for Undergraduates in Science, Engineering, &amp; Mathematics</a></li> <li>• <a href="#">Faculty and Student Team (FAST) Fellowships</a></li> <li>• <a href="#">Graduate and Undergraduate Student Nuclear Engineering Internship Program</a></li> <li>• <a href="#">Nuclear Fuel Cycle Summer Program</a></li> <li>• <a href="#">National Conference for Black Physics Students</a></li> </ul>
<b>LOCATION</b>	Argonne, IL
<b>COST/STIPEND</b>	Contact program for more information.

<b>TITLE</b>	<b>Science &amp; Technology Centers (STCs) Undergraduate Research Opportunities</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.nsfstc.org/">http://www.nsfstc.org/</a> and <a href="http://dev.watercampws.uiuc.edu/index.php?menu_item_id=35">http://dev.watercampws.uiuc.edu/index.php?menu_item_id=35</a> or contact Program Director, Kaamilyah Abdullah-Span at <a href="mailto:kabdulla@uiuc.edu">kabdulla@uiuc.edu</a> and (217) 265-8461
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	9 week summer program.
<b>INFO</b>	<p>The National Science Foundation Science &amp; Technology Centers (STCs) offer summer internships at each of the 13 centers, located at prestigious universities around the United States. These summer internships provide undergraduates an opportunity to conduct research in a "graduate school" setting.</p> <p>The mission of the Center of Advanced Materials for Purification of Water with Systems (WaterCAMPWS)</p>

is to develop materials and systems to purify the earth's waters for drinking, agricultural, industrial, and ecological applications. The WaterCAMPWS' congruent mission is to develop diverse human resources to enhance the scientific research, educational, and industrial workforce for water purification. Research areas include: membrane science and processes; adsorption science and processes; chemical oxidation-reduction science and processes; biochemical processes; and active aqueous transport processes.

The Summer Research Opportunity Program is designed to increase the number of underrepresented faculty in science and engineering disciplines. Fellows conduct research for approximately nine weeks during the summer with a Center faculty mentor and attend weekly workshops throughout the duration of the program that address issues pertinent to gaining admission and succeeding in graduate school once admitted. Fellows complete a 25-page research paper and present their research findings to faculty, peers, and other interested parties at the conclusion of the program. This program is administered in conjunction with the University of Illinois Summer Research Opportunity Program.

**LOCATION** Urbana, IL

**COST/STIPEND** Stipend of \$3,000 plus housing and meals during internship.

### Iowa:

**TITLE** **Ames National Laboratory**

**TYPE** Fellowship/Research Program

**CONTACT** <http://www.external.ameslab.gov/final/Education/suli.htm> or contact Program Director, Steve Karsjen at [karsjen@ameslab.gov](mailto:karsjen@ameslab.gov) and (515) 294-5643

**OPEN TO** **Nationwide** college undergraduate students.

**DATES** Varies with program.

**INFO** This internship supports the advancement of undergraduate students interested in pursuing careers in science and engineering. [SULI](#) prepares students to pursue professional careers and graduate school opportunities by providing direct exposure to Ames Laboratory's research facilities, scientists, and technical staff. Participants become part of the intense interdisciplinary research environment of a national laboratory. Students establish long-term research relationships with national laboratory scientists and engineers.

**LOCATION** Ames, IA

**COST/STIPEND** Contact program for more information.

### Kansas:

**TITLE** **Science & Technology Centers (STCs) Undergraduate Research Opportunities**

**TYPE** Fellowship/Research Program

**CONTACT** <http://www.nsfstc.org/> and <http://www.cresis.ku.edu/education/undergraduate.html>

**OPEN TO** **Nationwide** undergraduate students.

**DATES** 6 week summer program.

**INFO** The National Science Foundation Science & Technology Centers (STCs) offer summer internships at each of the 13 centers, located at prestigious universities around the United States. These summer internships provide undergraduates an opportunity to conduct research in a "graduate school" setting.

The Center for Remote Sensing of Ice Sheets is developing innovative radar sensors and autonomous platforms (unattended aircraft and rovers) to study the ice sheets and glaciers of Greenland and West Antarctica in order to predict their behavior. These ice sheets and glaciers contain most of the world's fresh water, and should they completely melt, the level of the sea would rise significantly. Since over a third of the world's population lives in coastal regions, the effect of global climate change on these ice sheets has global significance. Research Areas include: electrical engineering, computer engineering, computer science, aeronautical engineering, geography, geology, glaciology, journalism, education.

**LOCATION** Lawrence, KS

**COST/STIPEND** Contact program for more information.

### Maryland:

**TITLE** **Biomedical Engineering Summer Internship Program (BESIP)**

**TYPE** Fellowship/Research Program

**CONTACT** <http://dbeps.ors.od.nih.gov/besip/index.htm>

<b>OPEN TO DATES</b>	<b>Nationwide</b> college undergraduate students. 10 week summer program.
<b>INFO</b>	In a partnership of the National Institutes of Health (NIH), the Foundation for the National Institutes of Health, and the National Institute of Biomedical Imaging and Bioengineering (NIBIB), a Biomedical Engineering Summer Internship Program (BESIP) is being offered at the NIH. This summer program, formerly sponsored by the Whitaker Foundation, allows undergraduate biomedical engineering students to participate, under the mentorship of world class scientists in cutting edge biomedical research projects in NIH laboratories in Bethesda, Maryland. Please note: the BESIP is a separate program from the NIH Summer Internship Program (SIP) in Biomedical Research.  Selected by a nationwide competition, the twelve to sixteen interns will have the opportunity to indicate preferences from a list of available NIH projects that involve areas of engineering or physical science expertise. The students will participate in group meetings, attend planned lectures and laboratory visits, and be encouraged to submit posters to the NIH Poster Day where summer interns from all disciplines present their projects.
<b>LOCATION</b>	Bethesda, MD
<b>COST/STIPEND</b>	Contact program for more information.

<b>TITLE</b>	<b>Research and Training Opportunities at the National Institutes of Health</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.training.nih.gov/student/sip/index.asp">http://www.training.nih.gov/student/sip/index.asp</a>
<b>OPEN TO DATES</b>	<b>Nationwide</b> college undergraduate students. Varies with program.
<b>INFO</b>	The Summer Internship Program (SIP) at the NIH provides an opportunity to spend the summer working side-by-side with some of the leading scientists in the world in an environment devoted exclusively to biomedical research. Students sixteen years of age or older who are U.S. citizens or permanent residents and are currently enrolled at least half-time in high school or an accredited U.S. college or university are eligible to apply. Students who have been accepted into a college or university may also apply.
<b>LOCATION</b>	Bethesda, Maryland
<b>COST/STIPEND</b>	Stipend based on experience.

**Massachusetts:**

<b>TITLE</b>	<b>Genzyme</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.genzyme.com/corp/careers/intern_positions.asp">http://www.genzyme.com/corp/careers/intern_positions.asp</a>
<b>OPEN TO DATES</b>	<b>Nationwide</b> undergraduate students. Variable summer program.
<b>INFO</b>	Genzyme's U.S. Internship/Co-op program offers students a vibrant, collaborative working and learning environment. The goal of Genzyme's internship program is to identify and recruit talented students who will make immediate and long-term contributions to our company. Genzyme's internship program provides students with valuable, real-world experience and assists them in identifying their career goals. Genzyme offers an internship/co-op program for students in all life science disciplines, as well as a number of non-science opportunities such as finance, marketing, IT, engineering, and operations. Students from any school or program are eligible for consideration. Internships for graduate and MBA students are also available. Our internship program provides students the opportunity to have hands-on experience in one of the leading companies in the biotech industry. Students typically begin their internships in May or June and continue throughout August depending on the pre-determined needs of the department and the intern's schedule. Genzyme requires that all interns attend its orientation program offered prior to the start of the internship. Genzyme does not provide transportation, relocation or housing assistance.
<b>LOCATION</b>	Cambridge, MA
<b>COST/STIPEND</b>	Stipend paid by the hour.

<b>TITLE</b>	<b>Science &amp; Technology Centers (STCs) Undergraduate Research Opportunities</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.nsfstc.org/">http://www.nsfstc.org/</a> and <a href="http://www.bu.edu/cism/index.html">http://www.bu.edu/cism/index.html</a>
<b>OPEN TO</b>	<b>Nationwide</b> undergraduate students.

<b>DATES</b>	Full summer program.
<b>INFO</b>	<p>The National Science Foundation Science &amp; Technology Centers (STCs) offer summer internships at each of the 13 centers, located at prestigious universities around the United States. These summer internships provide undergraduates an opportunity to conduct research in a "graduate school" setting.</p> <p>The Center for Integrated Space Weather Modeling (CISM) will create computer models able to provide advance warning of potentially harmful space weather events that could put astronauts at risk, disable satellites, disrupt communications, or cause costly damage on earth. "Space weather" includes a wide range of phenomena that arise in space near the earth through the interaction of powerful forces associated with the sun, the earth, and the constant outward flow of material from the sun known as the solar wind. Research areas include: Solar/Interplanetary Activity, Magnetospheric Modeling, Ionosphere/Thermosphere/Mesosphere, and Computation.</p>
<b>LOCATION</b>	Boston, MA
<b>COST/STIPEND</b>	Contact program for more information.

**Minnesota:**

<b>TITLE</b>	<b>Science &amp; Technology Centers (STCs) Undergraduate Research Opportunities</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.nsfstc.org/">http://www.nsfstc.org/</a> and <a href="http://www.nced.umn.edu/USIP">http://www.nced.umn.edu/USIP</a> or contact Program Director, Diana Dalbotten at <a href="mailto:dalbo001@tc.umn.edu">dalbo001@tc.umn.edu</a> and (612) 624-4608
<b>OPEN TO</b>	<b>Nationwide</b> undergraduate students from institutions outside the University of Minnesota, majoring in civil engineering, geosciences or ecology or related fields.
<b>DATES</b>	8 week summer program.
<b>INFO</b>	<p>The National Science Foundation Science &amp; Technology Centers (STCs) offer summer internships at each of the 13 centers, located at prestigious universities around the United States. These summer internships provide undergraduates an opportunity to conduct research in a "graduate school" setting.</p> <p>The National Center for Earth-Surface Dynamics (NCED) develops integrated models of the physical and ecological dynamics of the channel systems that shape Earth's surface through time, in support of river management, environmental forecasting, and resource development. Research areas include: landscape evolution, fluid dynamics, river food web ecology, river restoration and morphodynamic processes across environments and scales.</p> <p>The National Center for Earth-surface Dynamics seeks undergraduate majors in civil engineering, geosciences or ecology to participate in an NSF-sponsored summer research experience at the St. Anthony Falls Laboratory at the University of Minnesota. Participants will have the opportunity to work with faculty-graduate student research groups on current research projects. Research topics include experiments and numerical modeling of gravel bed and sand bed rivers, dam removal, lake and reservoir sedimentation, sedimentary basins, landscape evolution, sub-aerial and sub-aqueous debris flows, alluvial fans and many other topics relating to Earth's ever-changing surface.</p>
<b>LOCATION</b>	Minneapolis, MN
<b>COST/STIPEND</b>	Unspecified stipend, plus housing and meals during the internship.

**New Mexico:**

<b>TITLE</b>	<b>Sandia National Laboratory</b>
<b>TYPE</b>	Fellowship/Research Program
<b>CONTACT</b>	<a href="http://www.sandia.gov/employment/special-prog/index.html#top">http://www.sandia.gov/employment/special-prog/index.html#top</a>
<b>OPEN TO</b>	<b>Nationwide</b> college undergraduate students.
<b>DATES</b>	Varies with program.
<b>INFO</b>	<p>Sandia has exciting opportunities for students ranging from high school (16+ years of age) all the way through the Ph.D. level. We have opportunities for year-round and summer employment, as well as research fellowships. Apply for the Student Internship Program in <a href="#">Albuquerque, New Mexico</a> or <a href="#">Livermore, California</a> now.</p> <p>There are numerous ways to work at Sandia National Laboratories. In addition to full-time regular employment, we provide employment opportunities through various special programs. Select each program to learn more!</p>

- [One Year on Campus \(OYOC\)](#): Sandia will pay for bachelor-level graduates who meet programmatic criteria to receive a Master of Science degree at our nation's top institutions of academia.
- [Truman Fellowship](#): A fellowship that provides qualified recipients an opportunity to pursue independent research of their own choosing that supports the national security mission of Sandia National Labs.

**LOCATION** Albuquerque, New Mexico or Livermore, CA

**COST/STIPEND** Contact program for more information.

## New York:

**TITLE** **Brookhaven National Laboratory**

**TYPE** Fellowship/Research Program

**CONTACT** <http://www.bnl.gov/education/programs.asp>

**OPEN TO** **Nationwide** college undergraduate students.

**DATES** Varies with program.

**INFO**

- [SULI - Science Undergraduate Laboratory Internship](#)
- [DHS - Homeland Security Scholars and Fellows](#)
- [FaST - Faculty and Student Teams](#)
- [CCI - Community College Institute](#)
- [IAEA - One-Year Internship at the International Atomic Energy Agency](#)
- [College Mini-Semester](#)

**LOCATION** Upton, NY

**COST/STIPEND** Contact program for more information.

**TITLE** **Cold Spring Harbor**

**TYPE** Fellowship/Research Program

**CONTACT** <http://www.cshl.edu/URP/> or contact the Program Director at [urpadmin@cshl.edu](mailto:urpadmin@cshl.edu) and (516) 367-6890

**OPEN TO** **Nationwide** undergraduate students.

**DATES** 10 week summer program.

**INFO**

The 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 will be accepted to the summer program to work with senior Laboratory staff members on independent research projects, specifically in areas of: Cancer Biology, Neuroscience, Plant Biology, Cellular and Molecular Biology, Genetics, Macromolecular Structure, Bioinformatics.

**LOCATION** Cold Spring Harbor, NY

**COST/STIPEND** Stipend of \$3,500 plus housing and meals.

**TITLE** **Science & Technology Centers (STCs) Undergraduate Research Opportunities**

**TYPE** Fellowship/Research Program

**CONTACT** <http://www.nsfstc.org/> and <http://www.nbtc.cornell.edu/mainstreetscience/reu.html> or contact Program Director, Lindsey Chilson at [lbc32@cornell.edu](mailto:lbc32@cornell.edu)

**OPEN TO** **Nationwide** junior and senior undergraduate students.

**DATES** 10 week summer program.

**INFO**

The National Science Foundation Science & Technology Centers (STCs) offer summer internships at each of the 13 centers, located at prestigious universities around the United States. These summer internships provide undergraduates an opportunity to conduct research in a "graduate school" setting.

The Nanobiotechnology Center promotes research and technology development to create useful tools to study biology at the nanometer scale. Founded in 2000, the NBTC involves the collaboration of life scientists, engineers and physical scientists across six institutions that span the United States. Working along the interface between the organic and inorganic, faculty, students and staff of the NBTC work in a collaborative fashion to explore the fundamental questions in biology that include how cells sense and respond to their environment. The NBTC is at the forefront of new technology that examines biological

processes at the single molecule level rendering a picture of life with unprecedented spatial and temporal resolution. The mission of the NBTC is broad and encompasses not just excellent in science but also a commitment to educating the broader community of the world that is too small to see. The NBTC also embraces the notion that our community should reflect the diversity of the greater community and encourages the participation of women and underrepresented minorities.

**LOCATION** Ithaca, NY

**COST/STIPEND** Stipend of \$3,800 plus housing and meals during the internship. Travel expenses will be covered as well.

### North Carolina:

**TITLE** **Howard Hughes Precollege Program in the Biological Sciences—Duke University**

**TYPE** Fellowship/Research Program

**CONTACT** <http://www.aas.duke.edu/trinity/hhughes/introduction/outreach/precollege/index.html> or contact Program Director, Deborah Wahl at [dwahl@aes.duke.edu](mailto:dwahl@aes.duke.edu) and (919) 684-6066

**OPEN TO** High School juniors and seniors from Durham and Orange County schools and the North Carolina School of Science and Mathematics.

**DATES** 7 week summer program.

**INFO** The Howard Hughes Precollege Program in the Biological Sciences is designed to encourage high school students to continue with their science studies and to consider careers related to the life sciences. This summer program gives 15 students the opportunity to do hands-on research in laboratory settings with Duke University scientists who are especially committed to working with students.

**LOCATION** Durham, NC

**COST/STIPEND** Stipend of \$1,500.

**TITLE** **Science & Technology Centers (STCs) Undergraduate Research Opportunities**

**TYPE** Fellowship/Research Program

**CONTACT** <http://www.nsfstc.org/> and <http://www.nsfstc.unc.edu/>

**OPEN TO** **Nationwide** undergraduate students.

**DATES** Summer program.

**INFO** The National Science Foundation Science & Technology Centers (STCs) offer summer internships at each of the 13 centers, located at prestigious universities around the United States. These summer internships provide undergraduates an opportunity to conduct research in a "graduate school" setting.

The Center for Environmentally Responsible Solvents and Processes (CERSP) vision is to enable a revolution in green chemistry through cutting-edge, integrated physical science/engineering; social science; and educational programs. CERSP will explore the fundamental science and engineering principles associated with the CO<sub>2</sub> technology platform, exposing students to research that makes a difference to society. Research areas include: Macromolecular Synthesis and Engineering, Synthesis and Processing of Nanocolloids, Crystals and Wires Nanocoatings, Technologies Enabling "Dry" Processes for Microelectronics, and Separations.

The CERSP seeks to use the educational process at all levels to build support for implementation of "green chemistry". Our initial focus is on collaboration and innovation because these are of global importance, typically are not taught in academic programs, and are undergoing change and transformation in today's world. We seek to provide a new generation of students with both the technical and social tools to effect this transition.

**LOCATION** Chapel Hill, NC

**COST/STIPEND** Contact program for more information.

### Tennessee:

**TITLE** **U.S. Department of Homeland Security**

**TYPE** Fellowship/Research Program

**CONTACT** <http://www.orau.gov/dhsed/05ugrad.htm>

**OPEN TO** **Nationwide** college undergraduate students.

**DATES** Varies with program.

**INFO**

- You must be enrolled as a full-time student at an accredited college or university located in the United States or its territories while on tenure.

- If you are currently enrolled at a two-year institution and you are awarded a scholarship, before you can accept the scholarship, you must be accepted at a 4-year institution that has agreed to accept your first two years of study as transfer credit.
- Because this is a 2-year scholarship with a required internship during the summer following the first year, it is not appropriate for students who plan to graduate in less than four years.
- While there is no guarantee of employment, you must indicate a willingness to accept, after graduation, competitive employment offers from DHS, state and local security offices, DHS-affiliated Federal laboratories, or DHS-related research staff positions. This condition will not interfere with plans to attend graduate school in a supported field immediately after graduation.
- No deferrals of a DHS award or the internship component of a DHS award will be allowed.
- Students in a 4-year or 5-year joint baccalaureate-master's degree program should apply in their second year of college attendance.
- If you accept a DHS Scholarship, you cannot accept any other scholarships, grants or loans while on DHS tenure except educational benefits from the Department of Veterans Affairs.

**LOCATION** Oakridge, TN

**COST/STIPEND** \$1,000/month for 9 months during the academic year and \$5,000 for the 10 week summer internship.

### Washington:

**TITLE** **Science & Technology Centers (STCs) Undergraduate Research Opportunities**

**TYPE** Fellowship/Research Program

**CONTACT** <http://www.nsfstc.org/> and <http://www.stc-mditr.org/students/REU/index.cfm> or contact the Program Director at [reu@stc-mditr.org](mailto:reu@stc-mditr.org) and (206) 616-9441

**OPEN TO** **Nationwide** undergraduate students.

**DATES** 10 week summer program.

**INFO** The National Science Foundation Science & Technology Centers (STCs) offer summer internships at each of the 13 centers, located at prestigious universities around the United States. These summer internships provide undergraduates an opportunity to conduct research in a "graduate school" setting.

The Center on Materials and Devices for Information Technology Research (MDITR) is based on the broad technical mission to understand the basic molecular and structural nature of non-traditional (i.e. organic) IT materials; synthesize and process molecular systems that have novel properties; and design and fabricate useful low-cost devices with superior electronic, photonic, and opto-electronic properties. For example, MDITR is working on an E-O modulator that can translate the electronic signals from a telephone, computer, or radar at least ten times faster than existing devices for a fraction of the cost. Researchers from a wide variety of disciplines and Universities work together to achieve these goals. MDITR offers undergraduate research opportunities in theoretical, synthetic and materials chemistry, optics (physics) and mechanical and electrical engineering at three main locations across the U.S.: University of Washington in Seattle; University of Arizona in Tucson; and Georgia Institute of Technology in Atlanta.

**LOCATION** Seattle, WA

**COST/STIPEND** Stipend of \$3,500. Housing and travel grants available.