

Program Sponsor	Focus Area	Description	Eligibility	Compensation / For More Information
Amgen Scholars (California)	Science and Engineering	The University of California, Los Angeles Amgen Scholars Program invites students to participate in a 10-week research experience under the guidance of a faculty mentor. In addition to participating in intensive laboratory research, students will attend weekly seminars and workshops on preparing for graduate school, including GRE test preparation, delivering a research presentation, and other career opportunities in the sciences.	<ul style="list-style-type: none"> ☑ U.S. citizen or permanent resident. ☑ Currently enrolled undergraduate student of sophomore (with at least 4 quarters or 3 semesters of college course work), junior, or non-graduating senior standing attending a 4-year college or university in the U.S., Puerto Rico, or other U.S. territory. ☑ Academic minimum: 3.2 GPA. ☑ Interest in pursuing graduate school, including a PhD or MD/PhD. 	Students will receive a \$3,500 stipend, as well as on-campus room and board. Some meals will be provided. A travel allowance (up to \$500) is offered to non-UCLA, out-of-state students. A travel allowance (up to \$250) is offered to non-UCLA students who reside in California. *Note: The UCLA Amgen Scholars Program reserves the right to adjust stipend amounts for students receiving alternative sources of financial support. For more information, visit the website. If you have additional questions, please send an email to the program.
Amgen Scholars (California)		Amgen Scholars at the University of California, San Diego are invited to participate in a ten-week research experience that includes: 30 hours per week of faculty-mentored hands-on research; five weeks of GRE test preparation [beginning with a diagnostic pre- test, individual tutoring as- needed, and a post-test]; mandatory workshops on writing research papers and abstracts and how to present at scholarly meetings; seminars by UCSD faculty on current research projects; participation in the mid-summer Amgen Scholars Symposium; presentation at the annual UCSD Summer Research Conference; and regular individual meetings with the UCSD Amgen Scholars Program coordinator.	<ul style="list-style-type: none"> ☑ U.S. citizen or permanent resident. ☑ Currently enrolled undergraduate student of sophomore (with at least 4 quarters or 3 semesters of college course work), junior, or non-graduating senior standing attending a 4-year college or university in the U.S., Puerto Rico, or other U.S. territory. ☑ Academic minimum: 3.2 GPA. ☑ Interest in pursuing graduate school, including a PhD or MD/PhD, but not an MD. 	Students will receive a \$3,600 stipend, on- campus housing, and a meal allowance. Travel assistance (up to \$500) is offered to non-UCSD students. For more information, visit the website. If you have additional questions, please send an email to Tonya Jarrett or call: (858) 534-9925.
Amgen Scholars (California)	Molecular Biology Biomedical Biotechnology Premedical Pharmacy Bioengineering	Pre- The University of California, San Francisco Amgen Scholars Program provides undergraduate students with an opportunity to conduct research in the biological, biomedical and behavioral sciences. Through this comprehensive nine-and-a-half-week summer experience, Amgen Scholars will prepare for graduate study and a research career in the health sciences. Students will be matched with a faculty mentor and complete an original project under the guidance of their mentor. At the end of the program, Amgen Scholars will present their findings in the form of a written abstract, verbal presentation, and poster presentation.	<ul style="list-style-type: none"> ☑ U.S. citizen or permanent resident. ☑ Currently enrolled undergraduate student of sophomore (with at least 4 quarters or 3 semesters of college course work), junior, or non-graduating senior standing and continuing master's students attending a 4-year college or university in the U.S., Puerto Rico, or other U.S. territory. ☑ Academic minimum: 3.2 GPA. ☑ Interest in pursuing graduate school, including a PhD or MD/PhD. ☑ Students who are traditionally underrepresented in the sciences, socio-economically disadvantaged, first-generation college students, and/or with limited access to research laboratories are particularly encouraged to apply. 	Students will receive a \$4,500 stipend, \$1,000 subsistence allowance, housing near the UCSF Parnassus campus, travel support to and from San Francisco, and public transportation passes within the city. For more information, visit the website. If you have additional questions, please send an email to Sergio Saenz or call: (415) 514-0840.
Amgen Scholars (Washington)	Premedical STEM Fields	The University of Washington's Amgen Scholars Program provides an opportunity for students to explore and prepare for careers in scientific research. This summer program places students in premiere research groups under the direction of UW faculty in the biomedical sciences and provides related seminars, career exploration, graduate school preparation, and other activities. The program enables students to explore connections between their undergraduate major areas of study and future post-graduate study focused on research in science, biotechnology, and related fields.	<ul style="list-style-type: none"> ☑ U.S. citizen or permanent resident. ☑ Currently enrolled undergraduate student of sophomore (with at least 4 quarters or 3 semesters of college course work), junior, or non-graduating senior standing attending a 4-year college or university in the U.S., Puerto Rico, or other U.S. territory. ☑ Academic minimum: 3.2 GPA. ☑ Interest in pursuing graduate school, including a PhD or MD/PhD (MSTP). 	Students will receive a \$3,500 stipend, as well as on-campus housing and travel compensation to and from Seattle, Washington. For more information, visit the website. If you have additional questions, please send an email to the program or call: (206) 685-4240.

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Association of American Medical Colleges (Multiple locations)	Multiple locations with multiple areas of focus	The AAMC serves and leads the academic medical community to improve the health of all. In 2004, a MD/PhD Section was established to promote the development, growth and nurturing of physician-scientist training programs by representing the interest of MD/PhD programs. The AAMC maintains a list of MD/PhD Summer Undergraduate Research Programs.	✓ Please refer to the program's website or contact the respective administrator to review the eligibility criteria per program.	For more information, visit the website.
Brandeis University	Materials Research and Engineering	Brandeis University seeks qualified applicants for an NSF-funded Research Experiences for Undergraduates (REU) program in the Biological and Physical Sciences. Program includes housing costs, a meal allowance and a stipend \$5000. Participants must be US citizens or permanent residents and should have at least rising sophomore standing at an accredited undergraduate college or university. Selected students will be matched with a faculty researcher from physical sciences, who will mentor the student through an independent research project.	We especially welcome applications from students of under-represented groups in science, or who come from economically-disadvantaged backgrounds (for example, first-generation college students), or who come from academic institutions with limited resources for research, or who are students with disabilities (ie. a physical or mental impairment that substantially limits one or more major life activities).	for a 10-week period beginning May 26th, 2015 and finishing July 31st, 2015 For more information visit the website.
CalTech	All STEM Fields	Links to other Research programs sponsored by the university. SURF, WAVE Program, Amgen Scholars, Exchange Programs, LIGO SURF, NASA JPL Summer Programs.		Visit the website.
Case Western Reserve University	All STEM Fields	This site sponsors various summer programs and the link will take you to their listings page.	Programs have different eligibility requirements.	Visit the website.
Carnegie Mellon University (Pennsylvania)		The National Science Foundation sponsors the Research Experience for Undergraduates (REU) at Carnegie Mellon University. The ten- week, residential program provides intensive, mentored research experience and includes faculty research talks, student presentations, journal club meetings, presentations on career options and scientific ethics, and a symposium in which all students give a formal presentation of their research.	<ul style="list-style-type: none"> ✓ Currently enrolled at a 4-year accredited college or university. ✓ Undergraduate student of at least junior or senior standing. ✓ Member of group traditionally underrepresented in the sciences. ✓ U.S. citizen or legal permanent resident. 	Students will receive a stipend, meal allowance, on-campus housing, and roundtrip travel compensation to CMU. For more information, visit the website. If you have additional questions, please send an email to the program.
Center for Energy Efficient Electronics Science	Nanoelectronics Nanomechanics Nanophotonics Nanomagnetics	The Center's research focuses on investigating the science and establishing novel technologies for ALTERNATIVES to the conventional transistor and the metallic wire. E3S researchers of different disciplines and in multiple academic institutions are working collaboratively to make fundamental and conceptual breakthroughs in the underlying physics, chemistry, and materials science that will form the foundation for making electronic components with dramatically lower power consumption.	<ul style="list-style-type: none"> *Must be a United States citizen, national, or permanent resident to apply. International students are NOT eligible for this program. Sophomores, juniors, and non-graduating seniors enrolled in four year colleges and universities in the United States *3.25 grade point average or higher *No prior research experience required 	<ul style="list-style-type: none"> *9-weeks of research experience *Hands-on research guided by faculty mentors and graduate students *Graduate school advising and subsidized GRE prep course *Guest speakers, lab tours, and field trips *\$4,000 stipend plus room and board *Travel allowance (up to \$600) For more information visit the website.
Committee on Institutional Cooperation (Michigan)		The goals of the Summer Research Opportunities Program (SROP) at Michigan State University are to involve undergraduate students in graduate-level research, provide a mentoring experience with an MSU faculty member, motivate undergraduate students to pursue an academic career, and recruit undergraduate students for graduate study at MSU. Supporting activities include weekly research reports, seminars, graduate enrichment workshops, involvement with the MSU community and statistics/research methods enrichment workshops.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student of freshman, sophomore, or junior standing. ✓ Academic minimum: 3.0 GPA. ✓ Demonstrated interest in pursuing an academic career. 	Students will receive a generous stipend, travel to and from MSU, room and board on the MSU campus, and opportunities to present their research findings. For more information, visit the MSU website OR the CIC website. If you have additional questions, please send an email to the program.

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Committee on Institutional Cooperation (Indiana)		The goal of the Summer Research Opportunities Program (SROP) at Purdue University is to enhance diversity in academic, government, and industry positions that require graduate degrees. This program involves intensive research experiences with faculty mentors and is designed to encourage talented undergraduate students from social and economic backgrounds that are traditionally underrepresented in research careers to pursue graduate education.	<input type="checkbox"/> Currently enrolled undergraduate student of freshman, sophomore, or junior standing. <input type="checkbox"/> Academic minimum 3.0 GPA. <input type="checkbox"/> Interest in pursuing a graduate education. <input type="checkbox"/> Available for the duration of the 8- week program.	Students will receive a \$4,000 stipend, round- trip airfare, and university housing. For more information visit the Purdue website OR the CIC website. If you have additional questions, please send an email to the program.
Committee on Institutional Cooperation (Illinois)		The Summer Research Opportunities Program (SROP) at the University of Illinois-Chicago is a 10-week program that allows undergraduate students to work one-on-one with a faculty mentor, providing an opportunity to experience research at the graduate level. Additional educational enrichment activities include workshops, seminars, and social activities. Students will also have an optional opportunity to present their research findings.	<input checked="" type="checkbox"/> Undergraduate student of sophomore or junior standing. <input checked="" type="checkbox"/> Member of a group traditionally underrepresented in the sciences. <input checked="" type="checkbox"/> Academic minimum: 3.75 (A=5.0) or 2.75 (A=4.0) GPA.	Students will receive a \$3,750 stipend, \$350 traveling reimbursement, and housing. For more information, visit the University of Illinois website OR the CIC website . If you have additional questions, please send an email to Allen Bryson .
Committee on Institutional Cooperation (Iowa)	Biological Sciences, Engineering, Humanities, Mathematics, Physical Sciences	The Summer Research Opportunities Program (SROP)/McNair Scholarship at the University of Iowa offers a challenging 8-week research experience. The combined program is designed to help young investigators achieve their academic and career goals. Students will receive hands-on exposure to the graduate school experience and to faculty life.	<input type="checkbox"/> Currently enrolled undergraduate student of junior standing. <input type="checkbox"/> Academic minimum: 3.0 GPA. <input type="checkbox"/> A stated goal of wanting to receive a PhD following completion of bachelor's degree. <input type="checkbox"/> U.S. citizen or permanent resident. <input type="checkbox"/> A low-income individual who is a first-generation college student OR a member of a group that is traditionally underrepresented in graduate education.	Students will receive a \$3,200 stipend. Housing and travel compensation are also provided. For more information, visit the ISU website OR the CIC website. If you have additional questions, please send an email to the program.
Committee on Institutional Cooperation (Michigan)		The Summer Research Opportunities Program (SROP) at the University of Michigan offers outstanding undergraduate students who are traditionally underrepresented in their field of study an opportunity to conduct intensive research across a variety of disciplines. The goal is to prepare students for a PhD program at UM. Students will work with faculty mentors and engage in a series of academic, professional, and personal development seminars.	<input type="checkbox"/> U.S. citizen or permanent resident. <input type="checkbox"/> Undergraduate student of junior or senior standing with strong interest in pursuing a PhD following completion of bachelor's degree. <input type="checkbox"/> Must have medical/health coverage and insurance. <input type="checkbox"/> Academic minimum: 3.0 GPA. <input type="checkbox"/> A low-income individual who is a first-generation college student OR a member of a group that is underrepresented in graduate education.	Students will receive a \$4,000 stipend and travel reimbursement (up to \$500). On-campus housing is also provided. For more information, visit the UM website OR the CIC website . If you have additional questions, please send an email to the program .
Cornell University	All STEM Majors	This website has a massive listing for opportunities around the country. Over 100 postings are featured on their website, some of which are listed here as well and others that are not.	Programs have different eligibility requirements.	Visit the website.
Emergent Behaviors of Integrated Cellular Systems NSF Science and Technology Center (Multiple locations)		The Emergent Behaviors of Integrated Cellular Systems NSF Science and Technology Center (EBICS) is a collaborative effort involving teams from Georgia Tech, MIT, and University of Illinois-Urbana Champaign. EBICS announces its "Engineering Biological Machines" REU, a summer research program for undergraduates beginning in the summer. Other highlights include professional development, mentoring, and social engagement with other REU students.	<input checked="" type="checkbox"/> Currently enrolled in a science or engineering undergraduate program. <input checked="" type="checkbox"/> Academic minimum: 3.4 GPA <input checked="" type="checkbox"/> U.S. citizen or permanent resident currently enrolled at a U.S. college or university.	Students will receive a \$4,500 stipend and allowance for travel expenses, on-campus housing and meals. For more information, visit the website. If you have additional questions, please send an email to Oland Bryant.

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Huntsman Cancer Institute (Utah)		<p>The goals of the Huntsman Cancer Institute's Summer Internship Program are to:</p> <ul style="list-style-type: none"> ☑ Expose students to professionals in the fields of science and medicine and acquaint them with day-to-day activities in the field of biomedical research; ☑ Familiarize students with research approaches, techniques, data interpretation, and scientific problem solving; <p>*Provide an opportunity for students to meet peers with similar career goals; *Train students to present scientific information to colleagues and peers; and *Provide a friendly atmosphere and encourage open discussions to help students make informed career choices.</p>	<ul style="list-style-type: none"> ☑ Currently enrolled at a university or college as a sophomore, junior, or senior OR recent graduate who has not begun graduate or medical studies. ☑ A strong commitment to biomedical research. <p>* Academic minimum: 3.5 GPA.</p>	<p>Students will receive a \$3,000 stipend for participation in the ten-week internship. Interns are encouraged to make independent housing arrangements.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to JoAnn Ferrini.</p>
Indiana University/Purdue University Indianapolis (Indiana)		<p>The T35/Summer Research Opportunity Program (SROP) at IUPUI is designed to encourage students traditionally underrepresented in the sciences to pursue graduate school and ultimately academic careers in biomedical research. Under the guidance of a faculty mentor, students will conduct research in the fields of molecular biology, biochemistry, immunology, cell biology, neuro-pharmacology, and several others.</p>	<ul style="list-style-type: none"> ☑ U.S. citizen or permanent resident. ☑ Full-time undergraduate student OR graduate student OR medical school student. ☑ Students who are underrepresented in their field of study and who are sophomores or juniors majoring in any subject. ☑ Must have a competitive grade point average. ☑ Strong interest in pursuing research. 	<p>Students will receive a \$3,000 stipend for participating in the eight-week program. In addition, campus housing (for out-of-state students) and roundtrip transportation is provided. IUPUI will also cover the cost of the GRE preparation course and all fees associated with the mandatory CIC-SROP conference held at Michigan State University.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program or call: (317) 278-3741.</p>
Janelia Farm Research Campus (Maryland)	<p>basic neuroscience bio-imaging evolutionary biology computational biology applied physics related fields of research</p>	<p>The Janelia Undergraduate Scholars program gives undergraduates an opportunity to spend 10 weeks during the summer doing research as an intern in the lab of a mentor at Janelia Farm. The scholars are encouraged to attend weekly seminars and other events at Janelia. At the end of the session, each scholar will present his or her work at a symposium.</p>	<ul style="list-style-type: none"> ☑ Matriculated undergraduate student. 	<p>Students will receive a \$4,500 stipend, on-site housing, food, social activities and travel.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Dr. Katie Breneman.</p>
Kansas State University (Kansas)		<p>The Summer Undergraduate Opportunity Program (SUROP) at KSU is designed to help undergraduate students, especially those from underrepresented groups, prepare for graduate school and other advanced fields of study. Students will spend nine weeks gaining research experience under the guidance of faculty mentors. Students will also attend weekly seminars that cover key components of the research experience, applying to graduate school, and the graduate school experience.</p>	<ul style="list-style-type: none"> ☑ U.S. citizen or permanent resident. ☑ Academic minimum: 3.0 GPA. ☑ Currently enrolled undergraduate student of at least sophomore standing. <p>*Preference will be given to students belonging to groups traditionally underrepresented in the sciences, first generation college students, and non-KSU students.</p>	<p>Students will receive a \$3,000 stipend in addition to travel support (up to \$300) and housing.</p> <p>For more information, visit the website.</p>
The Leadership Alliance (Summer Research-Early Identification Program)	All STEM	<p>Since 1992, the Leadership Alliance has encouraged students from groups traditionally underrepresented in the sciences, engineering, social sciences and humanities to pursue research careers in the academic, public and private sectors. SR-EIP provides undergraduates with training and mentoring in the principles underlying the conduct of research and prepares them to pursue competitive applications to graduate schools.</p>	<ul style="list-style-type: none"> *Be in good academic standing with a GPA of 3.0 or better. *Demonstrate a committed interest to pursue graduate study toward a PhD or MD-PhD. *Have completed at least two semesters and have at least one semester remaining of their undergraduate education by the start of the summer program. *Be a documented U.S. citizen or non-citizen national, or permanent resident in possession of an alien registration receipt card 	<p>Receive a stipend, and travel and housing expenses from the research institution. For more information visit the website</p>

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Louisiana State University (Louisiana)		The Center for Computation & Technology (CCT) at Louisiana State University (LSU) provides an ideal setting for the REU student to become familiar with interdisciplinary research. With research groups exploring gravitational waves, complex emergent phenomena in material science, or computational music, the participants work on cutting edge research in Computational Sciences.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of freshman, sophomore, or junior standing. ✓ Academic minimum: 3.0 GPA. ✓ Majoring in Life Sciences and/or Chemistry. 	Students will receive a \$4,000 stipend and housing. For more information, visit the website. If you have additional questions, please send an email to Dr. John W. Lynn.
Louisiana Alliance for Simulation-Guided Materials Applications (LA-SiGMA)		The Louisiana Alliance for Simulation-Guided Materials Application (LA-SiGMA) is a 7-member alliance of universities throughout Louisiana. Members of LA-SiGMA provide six different sites and numerous projects for the REU student to become familiar with interdisciplinary research. With research groups exploring molecular interactions to model hydrophobic solubility, parallel finite elements on unstructured meshes using PETSc and Sieve, simulations of hydrogen storage materials, etc., the participants work on cutting edge research in material sciences and computational tools.	a college student graduating at least one semester after completion of the REU, or a high school senior attending college in the Fall interested in a major that is within the computational science umbrella (leaves out few majors as it includes all sciences, mathematics, engineering, etc.), with at least a 2.75 GPA, considering a career in research and/or graduate school in your major, and a US citizen or a permanent resident you can apply for a place in our REU!	Visit the Website
Massachusetts Institute of Technology (Massachusetts)	Biochemistry & Biophysics, Bioengineering, Cancer Biology, Cell Biology, Chemical Biology, Computational & Systems Biology, Developmental Biology, Genetics, Genomics, Human Genetics, Infectious Diseases, Immunology, Microbiology, Molecular Biology, Molecular Medicine & Human Disease, Molecular and Cellular Neuroscience, Cognitive Sciences, Computational Neuroscience, Systems Neuroscience, Neurobiology, Plant Biology, Structural Biology, Systems Biology, or Virology.	The MIT summer research program in the fields of Biological science (MSRP Bio) is a 10-week research training program for highly motivated undergraduate sophomores and juniors who are ready for an intensive research experience at a top notch research institution which offers cutting edge technology and multidisciplinary approach to modern biological research. Students will conduct research under the direct supervision of a research mentor in a field of their interest (biochemistry, biophysics, genetics, microbiology, molecular biology, cell biology, cancer, Immunology, developmental biology, cognitive neuroscience, neurobiology, systems biology, computational biology, genomics) . Students will learn a range of skills, both technical and intellectual, that will help them develop into successful independent scientists.	<ul style="list-style-type: none"> ☐ Enrolled full-time undergraduate at a university or four-year college in the U.S. ☐ Be a sophomore or junior who has successfully completed introductory courses in the biological sciences. ☐ Academic minimum: 3.5 GPA. ☐ Have a demonstrated interest in basic research and in a career in the sciences. 	Students will receive campus housing, a weekly stipend, and a travel allowance to and from MIT. For more information, visit the website. If you have additional questions, please send an email to the program .
Merck Undergraduate Science Research Scholarship Awards		UNCF/Merck Undergraduate Science Research Scholarship Awards are intended to help African American undergraduate students who are interested in science to further their science education and potentially pursue science and engineering careers. The UNCF • Merck awards provide tuition support and opportunities for research experience in a state-of-the-art research facility.	<ul style="list-style-type: none"> *African American (Black) *Enrolled full-time in any four-year college or university in the United States *A junior who will be a B.S. or B.A. degree candidate in the 2015-2016 academic year *A life sciences, physical sciences, or engineering major. (Applicants majoring in the physical sciences must have completed two semesters of organic chemistry by the end of the 2014-15 academic year). First professional (Pharm.D., D.V.M., D.D.S., etc.) majors are ineligible *A student with a minimum GPA of 3.3 on a 4.0 scale *Committed to and eligible for the summer internship at a Merck facility *A citizen or permanent resident of the United States. 	Awards up to \$30,000. At least 15 scholarship awards will be granted in 2015. Each award provides up to \$30,000, which includes up to \$25,000 towards tuition, room and board, and billable fees. This award is not transferable. Each UNCF• Merck Undergraduate Fellow will be paired with a mentor/s and will be eligible for an Internship at a Merck Facility or other research institution (applied for separately). For more information visit the website.
Montana State University	All STEM Fields	This link will take you to Montana State's listings of undergraduate research opportunities. They have a REU funded by NSF as well as a McNair Scholars program and Hughes Summer research Program.	Programs have different eligibility requirements.	Visit the website.

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National High Magnetic Field Laboratory (Florida)		The Research Experience for Undergraduates (REU) is an 8-week summer internship that matches undergraduate students with scientists at the Magnet Lab's three sites, offering them unique opportunities to explore science at the extremes of magnetic fields, pressure and temperature while working alongside some of the finest scientists, magnet designers and engineers in the world. The MagLab offers a wide range of research experiences in physics, chemistry, biological sciences, geochemistry, materials science and magnet science and engineering.	<input checked="" type="checkbox"/> Must be a U.S. citizen. <input checked="" type="checkbox"/> Must submit transcripts. <input checked="" type="checkbox"/> Must be in first, second, third or senior year (not graduating in the fall)	Each student receives a stipend and, if necessary, a travel stipend of up to \$600. Housing is covered by the program. For more information, visit the website. If you have additional questions, please send an email to Jose Sanchez, or call: (850) 645-0033.
National Science Foundation: Research Experience for Undergraduates (REU) (Multiple locations)	Computer Science and Information Systems	Keyword Search: Computer Science research offered throughout the country. NSF funds many universities and private organization's research labs, creating many opportunities for students.	<input checked="" type="checkbox"/> U.S. citizen, non-citizen national or legal permanent resident. <input checked="" type="checkbox"/> Check eligibility criteria per REU site.	All REU sites provide a stipend, housing, and meals. For more information, visit the website.
NASA STEM Programs (Multiple locations)	Biology, Chemistry, Comp. Sci., EES, Mathematics, Physics	NASA's One Stop Shopping Initiative (OSSI) is an innovative solution to support the STEM (Science, Technology, Engineering, and Mathematics) workforce. NASA's internship programs are being phased into OSSI-SOLAR, including national programs, and programs that are unique to a specific NASA Center.	<input checked="" type="checkbox"/> U.S. citizen. <input checked="" type="checkbox"/> Additional eligibility requirements may apply depending on the specific program.	*Note: students may identify opportunities of interest; however they cannot request to be considered for a specific internship program(s). For more information, visit the website.
Northwestern University (Illinois)		The Summer Research Opportunity Program (SROP) provides an opportunity for direct involvement with research faculty and exposure to graduate student life. The mission of the SROP is to increase diversity among students pursuing graduate education and provide valuable research experience. The 8-week program includes research with faculty, enrichment activities, and a research conference.	<input checked="" type="checkbox"/> Currently enrolled undergraduate student of sophomore or junior standing. <input type="checkbox"/> Academic minimum: 3.3 GPA. <input type="checkbox"/> U.S. citizen or permanent resident. <input type="checkbox"/> Interest in pursuing a doctoral degree at Northwestern University.	Students will receive a \$4,000 stipend, round trip travel, on-campus housing, and \$500 for meals. For more information, visit the website. If you have additional questions, please send an email to Mario Craigen.
Northwestern University (Illinois)	Nanomaterials	Northwestern University offers a Summer Research Experience for Undergraduates (REU) over a 9-week period each summer. This is an interdisciplinary program focused on multi-functional nanoscale material structures. REU students will contribute to a research project led by a center faculty member and will participate in research group meetings, expanding their science and engineering experience into a range of fields	<input checked="" type="checkbox"/> A GPA of 3.5 is typical of admitted students. <input checked="" type="checkbox"/> Be of rising junior or senior status, and not have graduated before the program begins. <input checked="" type="checkbox"/> U.S. citizen or permanent resident.	REU students receive a stipend of \$4,500 as well as round trip travel expenses and on-campus housing. For more information, visit the website. If you have additional questions, please send an email to Ashley Walter.
Northwestern University (Illinois)	All STEM Fields	This link will provide you will more opportunities sponsored by Northwestern University.	Programs have different eligibility requirements.	Visit the Website
Pasteur Foundation (Paris, France)	All STEM Majors	The Pasteur Foundation Summer Internship Program provides U.S. undergraduates, entering their Junior year, with the rare opportunity to work on supervised research projects at the Institut Pasteur. The Foundation's goal is to encourage and inspire students in the pursuit of a scientific career and to expose them to an international laboratory experience.	*Be undergraduates with an excellent academic record and a strong interest in biosciences and biomedical research (prior lab experience is highly recommended); *Have completed three full years (six semesters) of college course work by the time the internship commences *Not have received an undergraduate degree at the time of the internship (Summer 2015). *Knowledge of French is not necessary, but a desire to learn it is advisable. This program is open to U.S. citizens only.	Applicants should be eager to engage with a different culture, and self-sufficient enough to arrange travel and secure housing in Paris. Depending on availability, affordable housing in a residence on campus may be possible. Interns will receive the equivalent of a living allowance of \$500 per week for a maximum of \$5,000. Travel/housing are not paid by this program, but a \$1,500 subsidy is provided and intended to defray costs of travel and requisite insurance. For more information visit the website.

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Pathways to Science (Multiple locations)	All STEM Majors	Pathways to Science supports pathways to science, technology, engineering, and mathematics [STEM] fields. The program places a particular emphasis on connecting groups traditionally underrepresented in STEM fields with programs, funding, mentoring, and resources. Pathways to Science hosts a website that enables users to search for high school and undergraduate summer research opportunities, graduate fellowships, and postdoctoral positions.	✓ Please refer to the program's website or contact the respective administrator to review the eligibility criteria per program.	The stipend is adjusted annually. For more information, visit the website.
Princeton University PSURE (New Jersey)	All STEM Fields	The Graduate School offers an eight-week summer research experience for undergraduates who express a serious interest in pursuing a Ph.D. and following a career in college or university teaching and research. Each student accepted for PSURE will work with a Princeton faculty member as a research assistant in a laboratory project.	*be a U.S. citizen or permanent resident; *be currently enrolled full-time as a sophomore or junior in good standing *hold a 3.5 g.p.a. (on a 4.0 scale) or better in their major field or discipline. In addition, the program seeks and will give preference in admission to students who: *are enrolled at nonresearch intensive institutions *have not participated in a prior summer research experience at a major research institution *are first generation college students or from a low-income background.	PSURE students receive a stipend, meal card and travel reimbursement of up to \$500 for round trip travel from students' school or home to Princeton. Each student receives a complimentary entry to a GRE Prep course and as well as the GRE exam at the end of the program. From the stipend, students are expected to pay for additional food and incidentals not provided by Princeton. On-campus housing is provided in a Princeton dormitory or house equipped with adequate cooking facilities. For more information visit the website.
Princeton University (New Jersey)	Molecular, Quantitative Computational Biology	Each summer, Princeton provides intensive laboratory research experience in Molecular and Quantitative & Computational Biology to a select group of undergraduates chosen from a nationwide pool. Each student joins a world-class research group – headed by a Faculty member – and carries out an original research project. Participants are immersed in a culture of close collaboration with other undergraduates, graduate students, postdoctoral fellows, and faculty, and thereby experience first-hand what it is like to be a scientist.	✓ Currently enrolled undergraduate student. ✓ U.S. citizen, permanent resident, or a foreign undergraduate attending a U.S. educational institution.	Visiting students will receive a \$4,000 stipend as well as housing and travel expenses are provided. For more information, visit the website. If you have additional questions, please send an email to Dr. Alison Gammie.
Rackham Graduate School SROP (University of Michigan)	All STEM Majors	The University of Michigan Summer Research Opportunity Program (SROP) offers outstanding undergraduates underrepresented in their field of study the opportunity to conduct intensive research across a variety of disciplines. The goal is to prepare students for advanced studies in a Ph.D. program at U-M. The Summer Research Opportunity Program was initiated in 1986 by the Graduate Deans of the Committee on Institutional Cooperation (CIC) to encourage talented undergraduate students to pursue graduate study, and subsequently, academic careers. SROP allows undergraduates the opportunity to work on graduate level research projects with faculty. Students work with faculty mentors either on an individual basis or as part of a research team.	*Be a U.S. citizen or permanent resident. *Have a minimum overall 3.0 GPA (on a 4.0 scale). *Have matriculated into an undergraduate institution demonstrating completion of at least two years at that institution prior to the summer program. That is, applicants must be entering their junior or senior year in college *Have an interest in pursuing a doctoral degree in one of the Rackham Graduate Programs. Please note that this does not include programs leading to professional degrees, e.g. Medical School (MD), Law School (JD), Business School (MBA) *Have personal medical/health insurance coverage throughout the duration of the program.	*\$4,000 stipend, payable in 2 installments. *Round-trip airfare or mileage if you drive your car, not to exceed the cost of an airline ticket or \$500, *University housing in a residence hall, including room and board (students will be responsible for weekend meals only). *GRE preparation course at no additional cost *Access to campus facilities (gym fees extra, not covered by program). *Fee waiver to apply to a future Rackham Graduate School doctoral program. *Certificate of completion. For more information please visit website.

Program Sponsor	Focus Area	Description	Eligibility	Compensation / For More Information
Rutgers University (New Jersey)		Rutgers University invites HHMI grantees with interest in future PhD or MD/PhD to participate in our highly successful summer research program, RiSE (Research in Science and Engineering). Some features that distinguish RiSE from many other summer programs include: Cutting-edge research and interdisciplinary opportunities that span the biological, physical, behavioral and computational sciences, personalized mentor- matching and extensive professional enrichment.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Completion of at least the sophomore year. ✓ Academic minimum: 3.0 GPA. 	<p>Students will receive a \$4,000 stipend, free on- campus housing (for students unable to commute), and travel reimbursement up to \$500.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Space Science Laboratory (Berkeley)	Space Science	<p>The Space Sciences Laboratory (SSL) at the University of California, Berkeley is a nationally renowned lab created to better understand Earth's atmosphere and space environment, the Sun and Solar System, and the Universe beyond primarily through space-based research platforms and engineering programs. Supported by the National Science Foundation, SSL accepts up to ten first-generation, and Community College undergraduate students to conduct cutting-edge research projects each summer supervised by the leading experts in the space science and engineering fields.</p> <p>The ASSURE program partners leading space science and engineering researchers based at the Space Sciences Laboratory with undergraduate students from community colleges and universities around California. This program is dedicated to providing opportunities for enthusiastic and dedicated first generation and minority students, or other students for whom a research opportunity may be a challenge. The funded program starts June 8th and runs for 10 weeks.</p>	All applicants must be enrolled in a community college, junior college, university or other institution of higher education. The applicant should be majoring in physics, engineering, math, astronomy, astrophysics, geology, chemistry, or other similar topic. They should be interested in the fields of space sciences and aerospace, and ideally have some level of computer programming experience (not essentially but definitely preferred).	A stipend of \$500 per week for the 10 week duration of the program will be made available to participants (total of \$5000 for the summer). In addition, housing and meals will be provided to those who do not have local accommodations at the International House at UC Berkeley. For more information visit the website.
Summer Undergraduate Program in Engineering Research at Berkeley – Information Technology for Sustainability (SUPERB-ITS)	Informational Systems	<p>The goal of the Summer Undergraduate Program in Engineering Research at Berkeley - Information Technology for Sustainability (SUPERB-ITS) in the Electrical Engineering and Computer Sciences (EECS) Department is to prepare and motivate a group of diverse, competitive candidates for graduate study. The research focus of the REU site will be computer science in the context of information technology for sustainability.</p> <p>SUPERB-ITS participants spend nine weeks at UC Berkeley during the summer (June 7 - August 8, 2015) working on exciting ongoing research projects in information technology with EECS faculty mentors and graduate students. Students who participate in this research apprenticeship explore options for graduate study, gain exposure to a large research-oriented department, and are motivated to pursue graduate study.</p>	The program is open to U.S Citizens or permanent residents who are rising juniors or seniors and have completed some upper division course work in Electrical Engineering and Computer Sciences (EECS). A minimum overall GPA of 3.0 is required with upward trends in grades being preferable. The program is open to students with or without prior research experience.	<p>Lab tours, Industry field trip, Graduate school advising and GRE training</p> <p>* \$4,500 stipend, housing, meals and \$600 travel allowance provided</p> <p>For more information visit the website.</p>

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Texas Tech University REU	Computer Science	This REU site aims to inspire and prepare a group of undergraduate students for a career as a researcher or engineer in the computing arena or an area where computing is critical. In addition to learning state of the art declarative programming — which is simple and easy to use — participants will have many opportunities to apply declarative programming to solve challenging problems. These problems come from application areas that are of potentially great societal impact and include Cybersecurity, Energy, Healthcare, Intelligent Agents, and Space Exploration. Participants will also have the opportunity to conduct research on making declarative programming systems more powerful at both the language and reasoning level.	Current undergraduate students and high school students who have been accepted at an undergraduate institution, and who are U.S. citizens or permanent residents.	A generous stipend of \$4500 for attending the program. An allowance of up to \$1100 to offset travel cost to the REU site and to the external partners. Free on campus housing and meal allowance. For more information on how to apply, visit the website.
University of Arizona	RESEARCH IN OPTICS PROGRAM	The College of Optical Sciences is internationally recognized for its innovative research programs. Our research covers a broad set of technologies and techniques for using the properties and applications of light, touching virtually every field of science and industry. Our faculty are innovative and decorated — and constantly expanding the boundaries of optics knowledge. Apply to become part of the experience with the RiO program! During the 10-week summer program, a maximum of 10 students will engage in world-class optical sciences research and will learn of the versatile application of optics.	March 1, 2015: Application due Mid-March 2015: Acceptance letters sent to participants	Participants will also: *Learn valuable public speaking skills *Give a presentation on their work *Showcase their research at a poster session *Complete a GRE prep course *Take the GRE exam *Receive a stipend of \$5,000 For more information visit the website.
TRUST Student Transfer and Research	Team for Research in Ubiquitous Secure Technology	TRUST Student Transfer and Research (TRUST STAR) is a nine-week summer program in Cybersecurity, Privacy and Trustworthy Systems, was established to increase the number of eligible transfer students to 4-year programs in computer science and electrical engineering. TRUST STAR targets students who have been educationally or economically disadvantaged and who may not have exposure to the academic environment of a research university.	NA	Approximately 9-10 weeks of research A research stipend of \$4500 Round-trip travel to the Berkeley Campus A double room in a residential hall For more information visit the website.
TRUST Research Experience for Undergraduates	Team for Research in Ubiquitous Secure Technology	The TRUST Research Experiences for Undergraduates (TRUST REU) is a nine-week summer program in Cybersecurity, Privacy and Trustworthy Systems, established to promote access to graduate education among undergraduates who have been educationally or economically disadvantaged and who may not have exposure to the academic environment of a research university. The goal of the TRUST REU program is to increase the level of diversity among students entering graduate programs in computer science and engineering by providing research opportunities under the supervision of a faculty member and graduate student mentor.	Special consideration will be given to applicants who have shown potential for success, but may have had limited access to undergraduate research or other academic opportunities.	Approximately 9-10 weeks of research A research stipend of \$4500 A round-trip travel stipend up to \$600 A double room in a residential hall A subsidized GRE preparation course For more information visit the website

Program Sponsor	Focus Area	Description	Eligibility	Compensation / For More Information
University of Arizona	Integrated Optics for Undergraduates	CIAN is the Center for Integrated Access Networks, an Engineering Research Center (ERC) funded by NSF that consists of research labs at 10 different universities. CIAN offers a 10-week summer program designed for undergraduate students interested in exploring optics and photonics. The Integrated Optics for Undergraduates (IOU) Research Experience for Undergraduates (REU) program is designed for students interested in participating in hands-on research opportunities in top laboratories in optics and photonics. Selected students are paired with a research project complementing their interests and goals at one of CIAN's partner universities.	CIAN strongly encourages applications from underrepresented minority groups, women, first-generation college students and students that do not have previous lab research experience. US Citizenship or permanent residency is required. Minimum GPA 3.0 required, on a 4.0 scale.	A stipend of \$5,000 is provided. Housing and Travel are not included. For more information and how to apply, visit the website
University of Arizona	Model-based design for component based systems; Wireless networks; Cognitive radio; Embedded control systems and algorithms; Sensory data processing and sensor fusion; Vehicle-to-Vehicle (V2V) and Vehicle-to-Infrastructure (V2I) communication; and Scalability of algorithms/systems (multi-vehicle, multi-device).	This research experience for undergraduates (REU) is engaged in the myriad of applications that are related to autonomous ground vehicles. This summer, 10 NSF-funded undergraduate students will participate in an immersive research experience, sitting side-by-side with graduate researchers and working on one of the most compelling, and complex, applications of today: autonomous systems.	Important Dates: March: Applications due, to guarantee full consideration 9 March: Letters of Recommendation due, to guarantee full consideration 10-17 March: Selection process 1 April: Notification deadline April-May: Preparation and background reading June-August: 10-week program.	2 Stipend of \$5,000 over the summer Housing, meal allowance, and \$600 travel allowance to Tucson, AZ Letters of recommendation from their faculty mentors. For more information visit the website.
University of California, Berkeley (California)	All STEM Fields	The Summer Research Opportunity Program (SROP) is a faculty-mentored research program for undergraduates in the Arts & Humanities and Social & Physical Sciences (opportunities for science students in the areas of Earth & Planetary Sciences, Atmospheric Science, Astronomy, Physics, Astrophysics, Chemistry, Geology, Geophysics, and Statistics). The program goal is to encourage and prepare participants to pursue MD/PhD degrees and research careers in these fields.	<ul style="list-style-type: none"> ☑ Must be a U.S. citizen or permanent resident. ☑ Enrolled full-time at a four-year college or university (juniors and seniors that are not graduating in the spring before the start of the program are eligible to apply). ☑ Minimum cumulative GPA 3.0 or better. 	The program will pay for travel to and from Berkeley and provides room and board to students. Participants will receive a stipend for their participation in the SROP. For more information, visit the website. If you have additional questions, please send an email to Cynthia Ladd-Viti.
University of California, Berkeley (California)	All STEM Fields	The Summer Research Opportunity Program (SROP) is a faculty-mentored research program for undergraduates in the Arts & Humanities and Social & Physical Sciences (opportunities for science students in the areas of Earth & Planetary Sciences, Atmospheric Science, Astronomy, Physics, Astrophysics, Chemistry, Geology, Geophysics, and Statistics). The program goal is to encourage and prepare participants to pursue MD/PhD degrees and research careers in these fields.	<ul style="list-style-type: none"> ☑ Must be a U.S. citizen or permanent resident. ☑ Enrolled full-time at a four-year college or university (juniors and seniors that are not graduating in the spring before the start of the program are eligible to apply). ☑ Minimum cumulative GPA 3.0 or better. 	The program will pay for travel to and from Berkeley and provides room and board to students. Participants will receive a stipend for their participation in the SROP. For more information, visit the website. If you have additional questions, please send an email to Cynthia Ladd-Viti.
University of California, Davis (California)	All STEM Fields	This Link will take you to their undergraduate research website. Here, under the programs tab you will find many other opportunities sponsored by UC Davis, such as Beckman Scholars, CAMP, MURALS, MURRPS, BUSP, McNair Scholarship, UC Leads	Each program has different eligibility requirements.	Visit the website.

Program Sponsor	Focus Area	Description	Eligibility	Compensation / For More Information
University of California, Irvine (California)	All STEM Fields	The Summer Undergraduate Fellowship (SURF) program at UC Irvine offers students with outstanding academic potential an opportunity to work closely with faculty mentors on research projects. The program provides students who plan to pursue a PhD and enter academic careers with the tools needed to facilitate the application process. Students are matched with professors who relate to their desired research.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of junior or senior standing. ✓ U.S. citizen or permanent resident. ✓ Must be able to commit to the 8- week program. 	<p>SURF participants will receive a \$3,000 stipend, as well as campus housing and roundtrip travel compensation up to \$400.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
University of California, Riverside	All STEM Fields	This link will lead you to their undergraduate research page. Here you will find information and contacts to each of the 15 different programs sponsored by UC Riverside.	Programs have different eligibility requirements.	Visit the website
University of California, San Diego	All STEM Fields	<p>The University of California, San Diego Summer Training Academy for Research in the Sciences (STARS) program is an eight week summer research academy for undergraduate students, recent graduates, and masters students. STARS offers an exciting research opportunity with esteemed UC San Diego faculty, graduate school preparation workshops, and social activities in sunny San Diego.</p> <p>Students will:</p> <ul style="list-style-type: none"> Gain research experience with a faculty mentor's research project Attend a GRE preparation course Attend graduate school preparation workshops Present research at the UCSD Summer Research Conference 	<p>Applications will be evaluated based on:</p> <ul style="list-style-type: none"> *GPA *Relevance of completed courses to research interest *Writing skill *Compatibility of applicant's research interest with available faculty mentor research projects *Interest in pursuing a doctoral program 	<p>Please contact me with any questions about the STARS program.</p> <p>Elisa Maldonado 858-822-3536 emaldonado@ucsd.edu Visit the website</p>
University of California, San Francisco	All STEM Fields	This link will take you to their undergraduate research website. Here you will find 6 research opportunities sponsored by UC San Francisco.	Each program has different eligibility requirements.	Visit the website
University of Cincinnati (Ohio)	All STEM Fields	The Women in Science and Engineering (WISE) REWU engages female students in research projects with faculty from a wide variety of disciplines. During this 12-week program, each student will work directly with a University of Cincinnati faculty mentor. At the conclusion of the program, students will participate in a professional research conference.	<ul style="list-style-type: none"> ✓ Female. ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student. 	<p>Students will receive a \$4,000 stipend.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
University of Colorado at Boulder (Colorado)		The Summer Multicultural Access to Research Training (SMART) program is a 10-week research internship that prepares undergraduate students for graduate programs in science, technology, engineering, and math. Students will participate in research under the guidance of faculty mentors and attend weekly workshops on scientific writing and presenting, GRE preparation, and the graduate school application process.	<ul style="list-style-type: none"> ☐ Be 18 years or older. ☐ U.S. citizen or permanent resident. ☐ Currently enrolled undergraduate students of at least sophomore standing. ☐ Member of a group traditionally underrepresented in the sciences according to federal guidelines. ☐ Have completed at least 60 semester credit hours by June of the application year. ☐ Not earn a BA/BS before December of the year you participate. 	<p>Students will receive a competitive stipend, as well as roundtrip travel, room and board, and tuition for upper-division undergraduate credits at UC Boulder.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>

Program Sponsor	Focus Area	Description	Eligibility	Compensation / For More Information
University of Illinois at Urbana-Champaign (Illinois)		The University of Illinois at Urbana-Champaign offers a cross-discipline summer research program that provides undergraduate students from populations underrepresented in graduate study at Illinois with an opportunity to explore careers in research. The program provides each student with an experience that will help strengthen his/her knowledge, skills, and understanding of graduate school. The Summer Research Opportunities Program enables interns to establish relationships with faculty in their respective field of study, conduct graduate-level research under the supervision of a University of Illinois faculty member, become acquainted with the culture of graduate school, and to learn what is needed and expected of them as graduate students.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Undergraduate student who has earned 45 credit hours or more. ✓ Senior who will not graduate before December 2012. ✓ Academic minimum: 3.0 GPA. 	<p>Students will receive a \$3,500 stipend as well as room and board and travel expenses to and from the campus (for non-UI students). Students will also receive health coverage through the student health insurance program.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program or call: (217) 333-4860.</p>
University of Oregon (Oregon)	All STEM Majors	University of Oregon is rich in its opportunities for undergraduates. Follow the link to check out their current listing of available programs.	Programs have different eligibility requirements.	Visit the website
University of Nebraska (Nebraska)	STEM Majors	The Eppley Institute for Research in Cancer and Allied Diseases hosts the Summer Undergraduate Fellowship (SURF) program to expose students to various research careers. Over the course of 10 weeks, students will gain hands-on experience in cancer research labs, interact with research faculty, attend weekly seminars, and present their research at a poster session.	✓ Receipt of program application, a one-paragraph statement of research interests, three letters of recommendation, and college transcripts.	<p>Students will receive a \$4,000 stipend. Interns are responsible for housing, meals, and transportation. *Note: Nearby housing is available.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Washington State University Genomics Lab	Horticulture and Plant Genomics	The REU program goal is to provide undergraduate students in plant biology and related fields an opportunity to participate in ongoing active research programs. Working closely with faculty and graduate students, the participants will gain hands-on experience in various plant biology disciplines that utilize genomics and biotechnology approaches. Students at all levels of their undergraduate work are sought for this program, and majors such as genetics, molecular biology, microbiology, horticulture, crop sciences, food sciences, as well as students from computer sciences, bioinformatics, math and other technical majors are encouraged to apply.	<p>Participants must be currently registered at a two or four year college, and may not have received their Bachelor's degree prior to July 2012.</p> <p>Women and members of demographic groups traditionally underrepresented in engineering are particularly encouraged to apply. You must be a U.S. Citizen or permanent resident in order to receive NSF funding.</p>	Visit the website for more information.
Washington State University (Smart Environment)		<p>This REU program is sponsored by the School of Electrical Engineering and Computer Science at Washington State University. WSU is located in Pullman, Washington, a small town in the Palouse region of Eastern Washington. The program consists of 9 weeks working with top research professors and graduate students at WSU. During this time, REU participants will assist in designing smart environments. Participants will perform hands-on research on topics including design of sensor networks, middleware, machine learning algorithms, and automation algorithms, and will investigate applications of smart environments to health monitoring and energy conservation.</p> <p>Most research ideas will be tested using two on-campus smart environments, and students will present their research results in a poster session at the end of the ten week period.</p>	NA	<p>\$4,500 stipend \$1,080 for food and incidentals Free on-campus housing Free access to university resources Travel support to WSU Unique research experience.</p> <p>For more information and how to apply, visit the website.</p>

Program Sponsor	Focus Area	Description	Eligibility	Compensation / For More Information
Washington State University (REU)	New-generation Power-efficient Computer Systems Design	The School of Electrical Engineering and Computer Science at Washington State University sponsor this REU program. The program consists of 9 weeks working with top research professors and graduate students at WSU. During this time, REU participants will assist in designing New-generation Power-efficient Computer Systems. The goal of this REU Site program is to offer a unique training opportunity for undergraduates to conduct research in the multidisciplinary area of New-generation Power-efficient Computer Systems Design. In the design of high-performance massive multicore chips, power and heat, along with performance, are now considered as dominant constraints.	Applicants must be a U.S. citizen or permanent resident of the United States; be and remain an undergraduate student in good standing; plan to complete an undergraduate degree program.	\$4,500 stipend Free on-campus housing Free access to university resources Travel support to WSU Unique research experience For more information visit the website.
Wadsworth Center	All STEM Fields	The Wadsworth Center hosts an NSF-funded Research Experience for Undergraduates (REU) summer program. Ten students will be selected from colleges across the county to work for 10 weeks on independent research projects with scientists. The diverse range of projects covers molecular genetics, cell biology, computational and structural biology, as well as the environmental sciences. All of these are pursued within a close-knit environment that will provide a uniquely enriching research training opportunity for undergraduates.	Ensure Eligibility Applicants are sought who are undergraduates majoring in a basic environmental or natural science (biology, chemistry, computational modeling, engineering, genetics, mathematics), who will have completed their first, second or third year of study by the summer, and who are interested in attending graduate school with the goal of pursuing a career in science. If you meet these eligibility criteria, we encourage you to apply to the program. Only US citizens and permanent residents are eligible to apply.	Students will receive a \$5250 stipend plus housing and a meal allowance. For more information visit the website.
Yale SURF Program	All STEM Fields	Each summer the Yale SURF Program brings a group of qualified undergraduates to Yale for eight weeks. The experience is meant to familiarize students with the kind of work they can expect to do in graduate school, provide them with insight into the many steps involved in building a career based on Ph.D. level training, as well as foster a sense of confidence regarding their own abilities and potential. Students are immersed in an academic, professional setting involving a working relationship with a faculty mentor, a post-doctoral associate, and/or an advanced graduate student, a program of individual research, and participation in a series of program workshops and panel discussions. The focus of the program is primarily on research and on the methods of professional research. Students in the natural sciences learn advanced laboratory methods and conduct Ph.D. level research in state-of-the-art laboratory facilities. All students develop a proposal, give a final presentation to their peers, submit a written final paper, and attend the Leadership Alliance National Symposium to present their research at the meeting.	The SURF Program is intended for students with a strong desire to pursue research careers at the Ph.D. level. The program is particularly interested in identifying and providing research experience to talented underrepresented minority students. Preference is given to students completing their sophomore or junior years. However, other students who express persuasive plans for research may be considered. Participation in the summer program is restricted to US citizens and permanent residents.	Students are housed at no charge in a Yale University dormitory. Students receive a \$1,000 food allowance at the start of the program. Air or train transportation to and from the program will be covered up to \$400 (not including excess luggage charges). All travel arrangements are made through the SURF Program Office. Students will also receive a stipend of \$3,000 upon successful participation in, and completion of, the program. For more information visit the website.