

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| Albert Einstein College of Medicine (New York) | Biomedical | Students in the Summer Undergraduate Research Program (SURP) spend nine weeks in a laboratory in one of ten basic science departments. At the end of the program, SURP students present their research at a poster session. About 50 students participate in the program each year. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate student of junior standing (In rare instances, sophomores may be considered). ☑ Strong background in the sciences (e.g., biology, biochemistry, chemistry, physics, bioengineering chemical engineering, etc.). ☑ U.S. citizen or permanent resident. ☑ Academic minimum: 3.0 GPA. | Students will receive a \$3,000 stipend and free housing on campus. Transportation assistance (up to \$500) is provided for students who live outside of New York City. Interns are responsible for their own meals, health insurance coverage, and incidentals. For more information, visit the website. If you have additional questions, please send an email to the program. |
| American Society for Microbiology (District of Columbia) | Microbiology | The ASM Undergraduate Research Fellowship (URF) is designed for highly-competitive students who wish to pursue graduate careers (PhD or MD/PhD) in microbiology. Students will conduct a research project for a minimum of 10 weeks, work with faculty mentors who are ASM members and who are employed at the students' home institution, and submit a research abstract for presentation at the yearly ASM General Meeting. | <ul style="list-style-type: none"> ☑ Currently enrolled, full-time matriculating undergraduate student at an accredited U.S. institution. ☑ U.S. citizen or permanent resident. ☑ Be involved in a research project. ☑ Have an ASM member at their home institution that is willing to serve as a mentor. ☑ Not receiving financial support for research during the fellowship. | Students will receive a stipend of up to \$4,000; a two-year ASM student membership; and up to \$1,000 in travel support to attend the ASM General Meeting. For more information, visit the website. If you have additional questions, please send an email to the program. |
| Amgen Scholars (California) | | The Amgen Scholars Program at the California Institute of Technology introduces students to research under the guidance of a faculty mentor. This 10-week program is modeled on the grant-seeking process. Taking on the role of grant applicants, students collaborate with potential mentors to define and develop a project. Trainees will then write a research proposal for review by a faculty committee. Awards will be made on the basis of reviewer recommendations. Amgen Scholars carry out the work over a 10-week in the summer, and at the conclusion they submit a technical paper and give an oral presentation. | <ul style="list-style-type: none"> ☑ 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. ☑ Not under any disciplinary sanction. ☑ U.S. citizen or permanent resident. ☑ Interest in pursuing a PhD or MD/PhD. | Students will receive a \$5,500 stipend and a room and board allowance. Non-Cal Tech students will receive reimbursement for their travel to and from Pasadena. For more information, visit the website. If you have additional questions, please send an email to the program. |
| Amgen Scholars (New York) | Biomedical | The Columbia University/Barnard College program provides 10 weeks of hands-on research in premier labs, including informal discussion with premier scientists, graduate school preparation, exposure to biotechnology, and attendance at the Amgen Scholars Program Symposium. | <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. | Students will receive a stipend of \$4,000, \$500 in on-campus food allowance, and housing on the Morningside campus of Columbia University. For more information, visit the website. If you have additional questions, please send an email to Chanda Springer. |
| Amgen Scholars (Massachusetts) | Biotechnology | The Massachusetts Institute of Technology offers a 9-week research experience in which students will work under the guidance of faculty mentors and interact with fellow undergraduate students while participating in research-related workshops, lectures, and seminars. | <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 stipend of \$4,600. Housing in a designated MIT residence hall and a \$800 in on-campus food allowance is also provided. For more information, visit the website. If you have additional questions, please send an email to the program or call: (617) 253-7306. |
| Amgen Scholars/Stanford University (California) | Biomedical Biotechnology | The Amgen Scholars/Stanford Summer Research Program (SSRP) is an 8-week residential program that offers undergraduate students who want to prepare for and enter PhD programs in the sciences a unique opportunity to gain advanced research experience. Participants will work with both a faculty member and a lab mentor to craft an independent research project. The program culminates with a research symposium where students present their research to faculty, lab mentors, and university administrators. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate student of sophomore or junior standing OR non-graduating senior attending a 4-year accredited college or university. ☑ U.S. citizen or permanent resident. ☑ Students who belong to groups traditionally underrepresented in the sciences are strongly encouraged to apply. | Participants will receive a \$3,500 stipend, in addition to housing, food, and round-trip transportation. Field trips, seminars, and other social activities are also included. For more information, visit the website. If you have additional questions, please send an email to the program. |
| Amgen Scholars (California) | Science and Biotechnology | Amgen Scholars at the University of California, Berkeley will participate in 10 weeks of intensive research in the sciences. Each student will have direct participation in a faculty member's laboratory and work directly with faculty, a postdoctoral scholar, and/or a graduate student. Students will have the opportunity to participate in weekly lab meetings, the lab's journal club, and other lab activities. | <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. ☑ Prior research experience preferred. ☑ Previous Amgen Scholars are ineligible to participate. | Students will receive a \$4,000 stipend, round-trip travel, and on-campus housing with access to campus facilities. For more information, visit the website. If you have additional questions, please send an email to the program. |

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| 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 Pre-Pharmacy Bioengineering | 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. |
| Amgen Scholars (Missouri) | Biomedical | The Amgen Scholars Program at Washington University in St. Louis offers a 10-week intensive laboratory experience in biomedical research for undergraduate students. Scholars will work with world-renowned faculty to develop an intriguing research project. Mentoring will also be provided by current graduate students and postdoctoral fellows in the lab. In addition to conducting an independent research project, scholars will participate in lab meetings and attend scientific seminars and workshops facilitated by faculty and students. | <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 stipend of \$4,000, as well as housing, travel to and from St. Louis, and travel to the Amgen Scholars Symposium. Students will also receive a free public transportation pass for travel within the St. Louis Metro area. For more information, visit the website. If you have additional questions, please send an email to Rochelle Smith or call: (314) 362-7963. |

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| The Arthritis Foundation (California) | Through this internship students receive hands on experience in the fields of rheumatology and immunology, with a focus on arthritis and related autoimmune diseases | The Summer Science Internship Program provides an opportunity to work in leading research and clinical laboratories under the supervision of respected scientists at Stanford University and the University of California, San Francisco (UCSF). Students will receive hands-on experience in the fields of rheumatology and immunology, with a focus on arthritis and related autoimmune diseases. Interns participate in either basic laboratory (bench) research or clinical translational/epidemiological (patient outcomes oriented) research. This program is designed to encourage students to pursue a career in scientific study, with the ultimate goal of inspiring them to focus their research potential on arthritis and related autoimmune diseases. | Age Restrictions: All applicants must have reached their 17th birthday by the start of the program. NO EXCEPTIONS will be made. Applicants who are under 18 years of age before the program starts must provide written permission from a parent or guardian to participate in the program (see application form). Geographic Restrictions: Applicants must either live or attend school within 16 county territories in Northern California. To reference a complete list of eligible counties, please visit the Arthritis Foundation Summer Science Internship Program website. | High school juniors or seniors will receive a \$1,500 stipend paid in two installments. Undergraduates will receive a \$2,000 stipend paid in two installments. Participants are responsible for their own housing and transportation. For more information, visit the website. |
| 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. | <input checked="" type="checkbox"/> 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. |
| Baylor College of Medicine (Texas) | Biomedical | The Summer Medical and Research Training (SMART) Program allows students to become functioning members of Baylor laboratories and contribute to research efforts in more than 20 basic and clinical science departments. At the end of the program, students submit a short summary of their research. Daily seminars help students develop fundamental knowledge, introduce areas of biomedical research and emphasize the reciprocal relationship between basic research and clinical applications. | <input checked="" type="checkbox"/> Attending a university and returning to the college/university to complete their undergraduate degree <input checked="" type="checkbox"/> Academic minimum: 3.0 GPA | Students will receive approximately a \$4,500 stipend. The stipend will most likely cover a mixture of salary, housing, and transportation depending on the funding source. For more information, visit the website. If you have additional questions, please send an email to the program. |
| Boston University (Massachusetts) | Biology Molecular Biology Biochemistry Ecology Genetics Environmental Sciences | The Summer Undergraduate Research Fellowship (SURF) is designed to promote access to graduate education among undergraduate students, especially those from groups traditionally underrepresented in the sciences who wish to pursue careers in biological research. The program offers 10 weeks of full-time research under the guidance of a BU faculty member. | <input checked="" type="checkbox"/> U.S. citizen or permanent resident. <input checked="" type="checkbox"/> Non-BU student of junior or senior standing. <input checked="" type="checkbox"/> Member of a group traditionally underrepresented in the sciences. <input checked="" type="checkbox"/> Two letters of recommendation. | Students will receive a \$4,500 stipend, \$600 supply allowance, up to \$550 in travel expenses, and travel to the BU Undergraduate Research Symposium to present their research findings. For more information, visit the website. If you have additional questions, please send an email to the program or call: (617) 353-2020. |
| Brandeis University | Cell and Molecular Visualization | 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 \$5250. Participants must be US citizens or permanent residents and should have at least rising Junior standing at an accredited undergraduate college or university. Selected students will be matched with a faculty researcher from biological 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. |
| Brigham and Women's Hospital (Massachusetts) | Premedical | The Summer Training in Academic Research and Scholarship (STARS) program provides underrepresented minority (URM) medical and undergraduate students an opportunity to engage in basic clinical and translational research projects at Brigham and Women's Hospital (BWH) and in conjunction with Harvard Medical School (HMS). This program is designed to enhance the research capabilities of URM undergraduate and medical students and to encourage these scholars to pursue advanced graduate and medical education and training at BWH and HMS. | <input checked="" type="checkbox"/> Member of a group traditionally underrepresented in the sciences (African-American, Alaskan/Hawaiian Native, Hispanic, or Native American). <input checked="" type="checkbox"/> U.S. citizen or non-citizen national with a permanent resident visa. <input checked="" type="checkbox"/> Undergraduate student of junior or senior standing OR first-year medical student. | Students will receive a stipend for food and other necessities, travel compensation to and from Boston, and housing for the duration of the 8-week program. For more information, visit the website. If you have additional questions, please send an email to the program or call: (617) 525-7646. |
| Broad Institute of MIT and Harvard (Massachusetts) | Genomics | The Summer Research Program in Genomics (SRPG), funded by the National Human Genome Research Institute, is designed for underrepresented minority undergraduate students with an interest in the physical, biological, or computer sciences, engineering, or mathematics and a commitment to research. Students will spend the summer in a laboratory at the Broad Institute, where they will perform original scientific research. | <input checked="" type="checkbox"/> Enrolled in a four-year college for the fall. <input checked="" type="checkbox"/> Major in physical, biological, or computer sciences, engineering, or mathematics. <input checked="" type="checkbox"/> Academic minimum: 3.0 GPA. <input checked="" type="checkbox"/> US citizen or permanent resident, and an underrepresented minority. | Students will receive a \$4,000 stipend with paid housing and travel expenses. For more information, visit the website. If you have additional questions, please send an email to the program. |

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| CalTech | | Caltech's Summer Undergraduate Research Fellowships (SURF) program introduces students to research under the guidance of seasoned research mentors at Caltech and JPL. Students experience the process of research as a creative intellectual activity. SURF is modeled on the grant-seeking process: Students collaborate with potential mentors to define and develop a project. Applicants write research proposals for their projects. A faculty committee reviews the proposals and recommends awards. Students carry out the work over a 10-week period in the summer, mid-June to late August. At the conclusion of the program, they submit a technical paper and give an oral presentation at SURF Seminar Day, a symposium modeled on a professional technical meeting. | Eligibility Requirements for Visiting (Non-Caltech) Students To be eligible for SURF, you must: Be a continuing undergraduate student and eligible for fall term registration Have a cumulative GPA of at least 2.5/4.0 Complete the second semester or third quarter at your college or university Not be under any disciplinary sanction ** Students from the University of Iceland or from one of the following Cambridge colleges (St. John's, St. Catherine's, Corpus Christi, or Pembroke) may only apply to SURF through the established exchange programs with these schools. Please contact your school to find out more information. | *Fellows receive a \$6,000 award for the ten-week period. Award payments are distributed in equal installments in late June and late July. *To enrich the research experience, SURF Fellows are invited to attend the following: *Weekly seminars by Caltech faculty *A professional development series on developing a research career, graduate school admissions, and other topics of interest to future researchers *Various social and cultural activities *Weekly small student-faculty dinners *Special field trips 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. | Programs have different eligibility requirements. | For more information, visit the website. |
| Cancer Research Center of Hawai'i (Hawai'i) | Population-based research in epidemiology, nutrition, biostatistics, bioinformatics, behavior change, quality of life in cancer survivors, | The goal of the Summer Internship Program is to encourage high school and undergraduate students to pursue future careers in the biosciences, particularly cancer research. At the same time, students make a valuable contribution to the UH Cancer Center's research mission. By participating in a research program, interns will learn from experts who are devoted to preventing, treating, and curing cancer. Each year, a number of promising students are selected for this unique opportunity to expand and extend their interest in cancer research. | ☑ High school student (at least 16 years of age or turning 16 before starting the program) OR college sophomore or junior ☑ Be a Hawai'i resident. ☑ Academic minimum: 3.5 GPA. ☑ Member of an underrepresented group in the sciences (racial and ethnic, first generation to attend college, economically disadvantaged). | Students receive an hourly wage in accordance with the University of Hawaii Student Research Fellow pay scale. For more information, visit the website. If you have additional questions, please send an email to Karin Koga. |
| 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. | For more information, visit the website. |
| Carnegie Mellon University (Pennsylvania) | Synthetic Biology Molecular Biology Biochemistry | 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. | ☑ 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 Translational and Basic Research (Hunter College, NY) | biomedical research, drug abuse/addiction and neuroscience. | Research (SPUR) is an 8-week program that gives undergraduates hands-on experience in one of 53 research laboratories at Hunter College, CUNY in NYC. Our goal is to train and encourage undergraduate students to pursue graduate study in biomedical research, and in drug abuse/addiction and neuroscience. SPUR is now supported by the National Institute on Drug Abuse (NIDA) through a R25 grant. NIDA's mission is to lead the nation's scientific research on prevention, treatment, and consequences of drug addiction. This funding enables us to offer students the opportunity to select from two specialized research tracks. | *Be US citizens or permanent residents *Be a current college student *Have a GPA of at least 3.0 *Be a major in biology, chemistry, biopsychology, biophysics or biotechnology, or another biomedical research area *Have completed at least one year of coursework in their major prior to joining SPUR *Members of minority groups underrepresented in science such as African Americans, Latinos, or Native Americans are especially encouraged to apply. | Stipend - \$3,000 paid in installments throughout the program. Travel - All travel expenses to and from the program are reimbursed upon submission of receipts. Housing - Program participants unable to commute to the program stay at the International House in Manhattan at no cost. The International House has housed students from all over world in its current location by Riverside Park since 1924. For more information, visit the website. |
| Charles Drew University (California) | Health Sciences | The Undergraduate Cancer Research Training Program (UCRTP) is a 12-week summer internship for outstanding undergraduates contemplating careers in biomedical/research related fields. It is hosted by CDU, in partnership with the Jonsson Comprehensive Cancer Center at UCLA. Trainees will work with a lab mento on a hypothesis-driven project, culminating with a write up of findings in manuscript format. | ☑ Must be low income or an underrepresented minority. ☑ Undergraduate freshman, sophomore, junior or non-graduating senior. ☑ Academic minimum 3.0 GPA. ☑ If you successfully completed college-level general biology and/or introductory chemistry. | Students will receive a \$4,000 stipend for the 12-week program. For more information, visit the website. If you have additional questions, please send an email to Marianna Sarkissyan. |
| Chicago Center for Systems Biology (Illinois) | | The Chicago Center for Systems Biology (CCSB) seeks highly qualified undergraduates for Research Experiences for Undergraduate (REU) projects. Students will be matched with a faculty researcher and other lab associates who will help mentor REU activities. CCSB is based at the University of the Chicago but includes collaborating investigators located at Northwestern University and University of Illinois at Chicago. CCSB research focuses on how networks of genes work together to enable cells and organisms to respond to environmental and genetic changes. | ☑ U.S. citizen or legal permanent resident. ☑ Enrolled in an accredited undergraduate college degree program. ☑ Concentration in a biological sciences related field. ☑ Applicants with computational backgrounds are especially encouraged to apply. | Students will receive a \$4,000 stipend and full university privileges with access to libraries, athletic facilities, and University-sponsored social and cultural events. For more information, visit the website. If you have additional questions, please send an email to Dr. Barry Aprison. |

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| Children's Hospital of Philadelphia | Injury Science Research | The Center for Injury Research and Prevention (CIRP) at The Children's Hospital of Philadelphia partnered with the University of Pennsylvania to host the Injury Science Research Experiences for Undergraduates (REU) program, a 10-week paid summer research internships for undergraduate students. CIRP is a leading multidisciplinary center engaged in collaborative cross-discipline research implementing real world applications. | Students must meet the following minimum requirements to be eligible to apply for the Injury Science Research Experiences for Undergraduates (REU) program: 3.0 GPA 1 math and 1 science course completed by June 1, 2015 1 year college completed by June 1, 2015 Anticipated graduation: After August 7, 2015 U.S. citizen or permanent resident | *Stipend: \$5,000 for the 10 week program *Travel: \$500 in reimbursement for travel to and from Philadelphia for the program or to a conference to present his or her research. *Housing: Some housing scholarships may be available. *Research Competition: An additional award will be set aside for a research competition. The winning student(s) will be provided money toward conference travel to present research findings. For more information, visit the website. |
| Cincinnati Children's Hospital Medical Center (Ohio) | Biomedical Science | The Summer Undergraduate Research Fellowship (SURF) provides an opportunity for students to explore laboratories in the Department of Pediatrics, University of Cincinnati College of Medicine and conduct a research project under the direction of a faculty member at Cincinnati Children's. Students will also participate in various academic programs, including research seminars, journal clubs, and career days, as well as social activities with interns from other programs at the university. Interns will present their research project at a poster competition. | ☐ Junior or senior in high school OR undergraduate student of freshmen, sophomore or junior standing. ☐ Academic minimum: 3.0 GPA. ☐ U.S. citizen or permanent resident. - Must have an interest in pursuing a career in biomedical research or medicine. | Students will receive a \$3,200 stipend. For more information, visit the website. If you have additional questions, please send an email to the program . |
| City of Hope (California) | Biomedical | The Roberts Summer Academy offers high school and undergraduate students an opportunity to spend 10 weeks at the City of Hope as a member of a biomedical research team. This experience is designed to promote the development of critical thinking and scientific communication skills. | ☐ Posses a strong interest in learning more about biomedical research. ☐ At least 16 years of age and registered at an accredited high school, college, or university. ☐ Willing to make a full-time commitment to a research project. | Students will receive a \$4,000 stipend. For more information, visit the website. If you have additional questions, please send an email to Dr. Steven Novak. |
| Cold Spring Harbor Laboratory (New York) | Molecular Biology & Cancer Genetics & Genomics Neuroscience Plant Biology Quantitative Biology | The 10-week Undergraduate Research Program offers 25 local, national, and international students the opportunity to work with senior laboratory staff on an independent research project, specifically in the areas of: ☐ Cancer biology ☐ Neuroscience ☐ Plant biology ☐ Cellular and Molecular biology ☐ Genetics | ☐ Currently enrolled undergraduate student of sophomore or junior standing with a strong academic background. | Students will receive a \$5,000 stipend in addition to room and board at the Cold Spring Harbor Laboratory campus. For more information, visit the website. If you have additional questions, please send an email to the program . |
| Colorado State University (Colorado) | cancer biology, plant biology, embryonic development, diabetes, cytoskeleton dynamics, and virology. | The Research Experience for Undergraduates (REU) allows students to actively participate in a wide range of research areas, including: ☐ Protein structure and function ☐ Cancer biology ☐ Plant biology ☐ Embryonic development ☐ Diabetes In addition to working with a faculty mentor, students will also participate in seminars, weekly meetings, and social activities. | ☐ Completion of at least two semesters each of biology, general chemistry, and organic chemistry. ☐ Academic minimum: 3.2 GPA. ☐ U.S. citizen or permanent resident. ☐ Cannot be graduating in the spring. | Students will receive a \$5,000 stipend, on- campus housing, \$1,700 for food, and up to \$600 for travel expenses. For more information, visit the website. If you have additional questions, please send an email to the program or call: (970) 491-5602. |
| 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. | ☐ 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 website. OR the CIC website. If you have additional questions, please send an email to the program. |
| 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. | ☐ Currently enrolled undergraduate student of freshman, sophomore, or junior standing. ☐ Academic minimum 3.0 GPA. ☐ Interest in pursuing a graduate education. ☐ 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 website. OR the CIC website. If you have additional questions, please send an email to the program. |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| 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. | <ul style="list-style-type: none"> Undergraduate student of sophomore or junior standing. Member of a group traditionally underrepresented in the sciences. Academic minimum: 3.75 (A=5.0) or 2.75 (A=4.0) GPA. | <p>Students will receive a \$3,750 stipend, \$350 traveling reimbursement, and housing.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Allen Bryson.</p> |
| 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. | <ul style="list-style-type: none"> Currently enrolled undergraduate student of junior standing. Academic minimum: 3.0 GPA. A stated goal of wanting to receive a PhD following completion of bachelor's degree. U.S. citizen or permanent resident. A low-income individual who is a first-generation college student OR a member of a group that is traditionally underrepresented in graduate education. | <p>Students will receive a \$3,200 stipend. Housing and travel compensation are also provided.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p> |
| 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. | <ul style="list-style-type: none"> U.S. citizen or permanent resident. Undergraduate student of junior or senior standing with strong interest in pursuing a PhD following completion of bachelor's degree. Must have medical/health coverage and insurance. Academic minimum: 3.0 GPA. A low-income individual who is a first-generation college student OR a member of a group that is underrepresented in graduate education. | <p>Students will receive a \$4,000 stipend and travel reimbursement (up to \$500). On-campus housing is also provided.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p> |
| Conte Center (Illinois) | Our mission is to apply integrated informatics and mathematical modeling to predict, characterize, and validate genetic and environmental factors underlying mental health and illness. | The Conte Center seeks highly qualified undergraduates for Research Experience for Undergraduate (REU) projects. This program is hosted at the University of Chicago. | <ul style="list-style-type: none"> U.S. citizen or legal permanent resident. Enrolled in an accredited undergraduate degree program. Concentration in a biological sciences related field. Applicants with computational backgrounds are especially encouraged to apply. | <p>Students will receive a \$4,000 stipend, on-campus housing, and breakfast and dinner.</p> <p>For more information, view the PDF.</p> <p>If you have additional questions, please send an email to Barry Aprison.</p> |
| 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. | For more information, visit the website. |
| Drexel University College of Medicine (Drexel Med) (Pennsylvania) | Biochemistry Molecular and cell biology and genetics Neuroscience Microbiology and immunology Pharmacology and physiology | <p>Students in the Summer Undergraduate Research Fellowship (SURF) work with Drexel faculty in a broad range of areas, including:</p> <ul style="list-style-type: none"> Biochemistry Molecular and cell biology Neuroscience Microbiology Immunology Pathobiology Pharmacology and physiology. <p>SURF students will work full-time on a unique project related to the research goals of their assigned laboratory. At the conclusion of the program, students will give a specific, conference-style presentation describing their research project to fellow interns and mentors.</p> | <ul style="list-style-type: none"> Interest in pursuing biomedical research as a career and in good academic standing. Must reside within a reasonable commuting distance of Drexel University College of Medicine during the full term of the program. Currently enrolled undergraduate student of sophomore or junior standing. | <p>SURF students will receive a \$3,000 stipend. Students are responsible for housing, meals, and transportation.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p> |
| Duke University (North Carolina) | Biomedical | Duke University hosts summer programs on three campuses in a variety of fields. The Duke University Summer Research Opportunity Program (SROP) is a 10-week training program designed to give motivated undergraduate students hands-on experience in graduate-level biomedical research. The Program is designed for students who are seriously considering joining a PhD Graduate Program following the completion of their undergraduate degree. | <ul style="list-style-type: none"> Undergraduate student considering PhD in biological sciences or biomedical sciences. -U.S. and international students are eligible. | For more information, visit the website. |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| Eastern Virginia Medical School (SPUR) | PreMedical | This year, the Biomedical Sciences Programs will again host the Summer Program for Undergraduate Research (SPUR) at Eastern Virginia Medical School, May 19-July 31, 2015. Research laboratories in the following research areas participate and are available to the students who are chosen: -Cancer biology and proteomics -Immunology -Cardiovascular biology -Virology -Obesity and diabetes -Neuroscience -Reproductive biology -Myosin biochemistry | Students must have completed at least 2 years of college in biology, chemistry or a related major and have a 3.0 or better GPA, both overall and in science courses. A complete application form, a letter of recommendation from a professor who knows them well and all college and university transcripts must be sent to the email address on the form. | We will offer stipends of \$3000 each to top applicants for a 10 week, full-time research experience. For more information visit the website. |
| Emergent Behaviors of Integrated Cellular Systems NSF Science and Technology Center (Multiple locations) | | To support a truly interdisciplinary and collaborative research environment, EBICS sponsors a Research Exchange Program. This program allows Center students, postdoctoral fellows, and faculty who are working on collaborative projects to visit another laboratory to learn/transfer new methods and techniques, to develop professional relationships and collaborations, and to help integrate research efforts within EBICS. EBICS sponsored exchange visits will range from a few days to a few weeks, and will support travel, living, and housing expenses during the exchange period. | <ul style="list-style-type: none"> ☑ Currently enrolled in a science or engineering undergraduate program. ☑ Academic minimum: 3.4 GPA ☑ 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. |
| Emory University (Georgia) | Biomedical Research | The Summer Undergraduate Research Program (SURE) program allows undergraduate students to conduct supervised research with a faculty mentor. Students will receive training in the research methods applicable to their research plan, analyze their data, and create a written and verbal presentation of their results. At the conclusion of the program, each student will present their findings at a formal research symposium. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate student of sophomore or junior standing with a strong academic background. ☑ Recommendation from a science mentor. | SURE Fellows will receive a \$3,500 stipend and on-campus housing. For more information, visit the website. If you have additional questions, please send an email to Dr. Cathy Quinones. |
| Fred Hutchinson Cancer Research Center (Washington) | Biomedical Research | The Summer Undergraduate Research Program (SURP) is an intensive, 9-week internship designed to provide research experience and mentorship for undergraduate students who are interested in biological research. Students will be paired with a faculty mentor after selecting one of the following areas of interest: <ul style="list-style-type: none"> ☑ Basic Science ☑ Human Biology ☑ Public Health ☑ Clinical Research ☑ Vaccine and Infectious Disease In addition to completing a mentored research project, students will attend weekly research seminars regarding a broad array of scientific topics. Students will also participate in professional development workshops designed to facilitate the preparation of competitive graduate/medical school applications. The program culminates with a competitive poster session. | <ul style="list-style-type: none"> ☑ U.S. citizen or permanent resident currently enrolled in a U.S. college or university. ☑ Entering the summer BEFORE the final year of undergraduate studies. ☑ Strong background in the sciences. | Students will receive a \$4,500 stipend and travel costs (up to \$450). Interns are responsible for their own housing, meals, and transportation. *Note: The FHCRC negotiates a housing option for out-of-town students at the University of Washington, which is available for approximately \$1,600. For more information, visit the website. If you have additional questions, please send an email to the program. |
| Friday Harbor Laboratories | Integrative Biology and Ecology of Marine Organisms | Friday Harbor Laboratories' Blinks - NSF REU - BEACON Summer Internship Program seeks to link undergraduate students with scientist-mentors as collaborators in marine science research projects. The program takes advantage of the pristine environment, remarkable biodiversity, and the scientific and technical resources at University of Washington's marine science research facility. Friday Harbor Labs is University of Washington's marine science field research station. Located north of Puget Sound in the San Juan Islands, FHL takes advantage of a remarkable diversity of marine habitats and organisms. | The NSF REU Site grant supports U.S. citizens or permanent residents during their undergraduate careers. The Blinks Endowment supports students who bring diversity to the FHL student body in any phase of their undergraduate or graduate career. | Participants will be provided with financial support to meet costs of room, board, round trip travel. Additionally, there will be a \$4000 stipend. For more information and the online application visit the website. |
| Gerstner Sloan-Kettering (New York) | Biomedical Research | The Summer Undergraduate Research Program is designed for approximately 20 outstanding undergraduate students who are interested in pursuing a career in the diagnosis and treatment of human disease. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate students of freshmen, sophomore or junior standing. ☑ Academic minimum: 3.0 GPA. ☑ Proven interest in biomedical research. | Students will receive a \$4,000 stipend and housing accommodations. For more information, visit the website. If you have additional questions, please send an email to the program . |
| Harvard Medical School (Massachusetts) | Biomedical Research | The Summer Honors Undergraduate Research Program (SHURP) at Harvard Medical School is a ten-week summer research program for college students belonging to groups that are traditionally underrepresented in the sciences. Research opportunities are available in a variety of biological and biomedical sciences. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate student of freshman, sophomore or junior standing. ☑ Able to commit to participating in the entire ten-week program. | Students will receive a \$4,200 stipend, on- campus housing, and round-trip travel to Boston. For more information, visit the website. If you have additional questions, please send an email to Dr. Sheila Thomas. |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| Harvard Stem Cell Institute (Massachusetts) | Stem cell Research | The goal of the Harvard Stem Cell Institute [HSCI] program is to provide undergraduate students with a focused and challenging summer research experience in a cutting edge stem cell science laboratory and to provide exposure to different professional options within the scientific arena. | <ul style="list-style-type: none"> ☑ An academic background in the biological sciences is essential. ☑ Previous lab experience is preferred. ☑ Strong interest in stem cell biology. | Students will receive a \$4,320 stipend for participation in the 10-week program. On-campus housing may be available, at cost, to participants. For more information, visit the website. If you have additional questions, please send an email to Maureen Herrmann. |
| Herman B. Wells Center for Pediatric Research (Indiana) | Biomedical Research | The goals of the Wells Center are to increase knowledge of the causes and mechanisms of serious pediatric diseases, to develop innovative approaches to diagnosis and treatment of childhood diseases, and to provide an outstanding training environment for medical and graduate students, residents, and fellows. Students will be paired with individual faculty in one of 42 laboratories. Students are encouraged to attend weekly seminars and research-related center meetings each week, as well as other academic events that involve the Wells Center faculty (e.g., combined seminar series, seminars of faculty candidates, Weekly Basic Science Research Forum and Pediatric Faculty Research Seminar Series). Interns are required to make a presentation at the conclusion of the program. | <ul style="list-style-type: none"> ☑ *Currently enrolled undergraduate OR graduate student in a science major. ☑ Must be able to commit to participating in the entire 10-week program. <p>*Note: Must be 18 years of age to apply.</p> | This is an unpaid internship. Interns are responsible for their own housing and transportation arrangements. For more information, visit the website. If you have additional questions, please send an email to Lynn Pressler. |
| Huntsman Cancer Institute (Utah) | | The goals of the Huntsman Cancer Institute's Summer Internship Program are to: <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> | Students will receive a \$3,000 stipend for participation in the ten-week internship. Interns are encouraged to make independent housing arrangements. For more information, visit the website. If you have additional questions, please send an email to JoAnn Ferrini. |
| Indiana University, Melvin and Bren Simons Cancer Center (Indiana) | Biomedical and Behavioral Science | The Indiana University Simon Cancer Center Summer Research Program (SRP) is offered to students from underrepresented population groups who are pursuing careers in biomedical and behavioral sciences. Students will gain exposure to a wide range of basic science, translational and clinical research activities and continually interact with and learn from other students, clinical and post-doctoral fellows, and faculty. Interns will also attend weekly workshops that deal with issues related to gaining admission to graduate and professional programs of study. | <ul style="list-style-type: none"> ☑ High school OR undergraduate student. <p>High school students must:</p> <ul style="list-style-type: none"> ☑ Have completed their junior year. ☑ Display an aptitude for science and math. ☑ Academic minimum: 3.0 GPA. <p>Undergraduate students must:</p> <ul style="list-style-type: none"> ☑ Complete at least 24 hours of college credit. ☑ Major in biomedical or behavioral science. ☑ Academic minimum: 3.2 GPA. | For more information, visit the website. If you have additional questions, please contact the IUPUI Center for Research & Learning at: (317) 274-8880. |
| Indiana University/Purdue University Indianapolis (Indiana) | | 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. | <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. | 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. For more information, visit the website. If you have additional questions, please send an email to the program or call: (317) 278-3741. |
| Iowa State University (Iowa) | molecular biology, biotechnology and genomics of animals, microbes and plants | The Research Experience in Molecular Biotechnology and Genomics is an opportunity for undergraduate students to work on research projects involving molecular techniques such as gene cloning, genome analysis in plants and animals, molecular genetics, and bioinformatics. The students also participate in non-laboratory activities such as discussion sessions on bioethics and on different aspects of biotechnology research and careers. | <ul style="list-style-type: none"> ☑ Undergraduate of freshmen, sophomore or junior standing. | Students will receive a stipend of \$4,500 as well as travel reimbursement for up to \$500. Housing is provided at \$24/day. For more information, visit the website. If you have additional questions, please send an email to Linda Wild, or call: (515) 294-4429. |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| Janelia Farm Research Campus (Maryland) | basic neuroscience bio-imaging evolutionary biology computational biology applied physics related fields of research | 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. | ☑ Matriculated undergraduate student. | Students will receive a \$4,500 stipend, on-site housing, food, social activities and travel. For more information, visit the website. If you have additional questions, please send an email to Dr. Katie Breneman. |
| The Johns Hopkins University Medical Institutions (Maryland) | Biomedical Public Health | The Summer Internship Program (SIP) at The Johns Hopkins Medical Institutions offers a unique opportunity to work for the summer in a research laboratory at one of the world's top- ranking scientific institutions. The purpose of the program is to give students, who are interested in pursuing careers in the biomedical sciences the opportunity to conduct research, while exposed to the excitement of an academic medical environment at a major research center. Research opportunities are available in the following areas: Basic Science Institute, BSI Chemistry-Biology Interface, BSI- Summer Research Internships in Immunology, Bloomberg School of Public Health, and Pulmonary and Critical Care Medicine. | ☑ Various requirements per individual institution. Check the website for specific requirements. | Students will receive a \$3,000 stipend, on- campus housing, and a travel allowance. For more information, visit the website. If you have additional questions, please send an email to the program. |
| Kansas State University (Kansas) | | 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. | ☑ U.S. citizen or permanent resident. ☑ Academic minimum: 3.0 GPA. ☑ Currently enrolled undergraduate student of at least sophomore standing. *Preference will be given to students belonging to groups traditionally underrepresented in the sciences, first generation college students, and non-KSU students. | Students will receive a \$3,000 stipend in addition to travel support (up to \$300) and housing. For more information, visit the website. |
| The Leadership Alliance (Summer Research-Early Identification Program) | All STEM | 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. | 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 | Receive a stipend, and travel and housing expenses from the research institution. For more information, visit the website. |
| Loyola University at Chicago (USRP) | Biomedical | Our Undergraduate Summer Research Program is sponsored by the faculty and Department of Microbiology and Immunology of Loyola University Chicago. The program is designed to provide a stimulating "hands on" research experience for students who are considering graduate education in molecular Microbiology or Immunology. Under the guidance of a selected faculty member, the student will actively participate in an ongoing research project. He or she will learn basic research skills, attend various scientific seminars and journal clubs, participate in a series of special summer workshops and present his or her results to the department. | Preference is given to students who are currently college sophomores or juniors. Disabled students, minority students and students from smaller liberal arts institutions where comparable research facilities are unavailable are particularly encouraged to apply. Selection of program participants will be based on the completed application, a copy of the student's undergraduate transcript(s), and two letters of recommendation. These items must arrive together in a single envelope. Deadline for receipt of all application materials in our office is February 1, 2016 A stipend of \$3,300 will be offered to selected candidates. Lodging and travel expenses will be the responsibility of the student. | 10-week research internship in molecular microbiology, immunology or virology Stipend of approximately \$3300 will be offered to selected candidates Lodging and travel expenses will be the responsibility of the student Disabled students, minority students and students from smaller liberal arts institutions where comparable research facilities are unavailable are particularly encouraged to apply Dates for the 2016 summer program are June 06, 2016 - August 12, 2016 All application materials, including letters of reference, must be received in our office by February 1, 2016 Decision letters will be mailed April 1, 2016. For more information, visit the website. |
| Maine Medical Center Research Institute (Maine) | Biomedical | The Maine Medical Center Research Institute (MMCRI) offers pre-college and undergraduate students an opportunity to engage in biomedical science research in a broad range of areas, including: ☑ Vascular Biology ☑ Stem Cell Biology ☑ Developmental Biology ☑ Neurobiology ☑ Hematology ☑ Nephrology ☑ Tumor Biology ☑ Molecular Genetics | ☑ High school (completion of grade 12) OR currently enrolled, full-time undergraduate student. | Students will receive a stipend of \$3,500. Students are responsible for their own transportation and housing. For more information, visit the website. If you have additional questions, please send an email to Liz Bergst. |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| Marquette University (Wisconsin) | microbiology, molecular biology, cell biology, developmental biology, neurobiology or invertebrate/vertebrate physiology | The Summer Research Program is designed for students who plan to attend graduate school and pursue research careers. Students will work under the guidance of a faculty research mentor on a project focused on cellular and molecular questions in a variety of experimental organisms including bacteria, yeast, worms, flies, rats, mice, Chlamydomonas, and maize. Through hands-on experience, students will develop a realistic view of scientific research, its pace, its demands, and the thrill of discovery. | <ul style="list-style-type: none"> ☑ U.S. citizen or permanent resident. ☑ Minimum course requirements: completion of a full year of college biology, general chemistry, and organic chemistry with laboratories. ☑ Currently enrolled undergraduate student of sophomore or junior standing. ☑ Academic minimum: 3.0 GPA. *Note: Students belonging to groups traditionally underrepresented in the sciences or from colleges or universities with limited research opportunities in the biological sciences are particularly encouraged to apply. | Students will receive a \$3,750 stipend for participating in the 10-week program. For more information, visit the website. If you have additional questions, please send an email to Deborah Weaver. |
| Massachusetts General Hospital (Massachusetts) | Health Science Biomedical | The goal of the Summer Research Trainee Program (SRTP) is to build a pipeline of under-represented in medicine, college and medical school students who are interested in academic biomedical research careers. The SRTP will pair students with a preceptor in this eight-week program. Preceptors will provide guidance and instruction in techniques necessary to address current problems in science and medicine. | <ul style="list-style-type: none"> ☑ U.S. citizen or permanent resident. ☑ Undergraduate junior or senior, or first-year medical student. ☑ Member of an underrepresented minority group (African-American, Alaskan-Hawaiian Native, Hispanic or Native American). | A living stipend of \$4,000 for food and other necessities is provided along with housing costs (lodging arrangements provided near the hospital). For more information, 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, | 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. Molecular and Cellular Neuroscience, Cognitive Sciences, Computational Neuroscience, Systems Neuroscience, Neurobiology, Plant Biology, Structural Biology, Systems Biology, or Virology. | <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 . |
| Mayo Graduate School College of Medicine (Minnesota) | | During the course of the Summer Undergraduate Research Fellowship (SURF), students will work beside both young and established scientists on a broad range of biomedical research questions. About 80 students participate in the program each year. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate student of sophomore or junior standing attending a U.S. college. ☑ Academic minimum: 3.0 GPA. ☑ Seriously considering a medical research career as a PhD or MD/PhD. | Students will receive a \$5,000 (minus taxes) stipend. Students are responsible for housing, meals, and transportation. *Note: Most students live on-campus, which is available for approximately \$175 per week. For more information, visit the website. If you have additional questions, please send an email to Glenda Mueller. |
| Medical College of Georgia | Biomedical | The Summer STAR (Student Training And Research) Program is designed to provide biomedical research experience for undergraduate students with a sincere desire to pursue a graduate education in biomedical sciences. This program provides opportunities for highly motivated and talented undergraduate students to develop skills as young scientists and to further explore their interest in biomedical research. During the course of the nine-week program, STARs actively participate in a biomedical research project under the guidance of a GRU faculty member. | <ul style="list-style-type: none"> *18 years or older by start of the STAR session *Completion of at least freshman year in college *Minimum overall GPA of 3.0 *Minimum GPA of 3.0 in science courses *Currently enrolled in an undergraduate college *Proof of current Health Insurance Coverage that extends throughout the duration of the Summer STAR Program United States citizenship (or hold permanent resident status) or international students currently enrolled in US college/university holding a student non-immigrant visa *Proof of current social security number/card for employment purposes. *We encourage minorities and females to apply to the STAR program. | Participants will be paid a salary of \$4,500 (before taxes) for the nine-week period. All participants receive a salary of \$4,500! It is expected that the student will spend a minimum of 40 hours per week in laboratory, attend all STAR workshops and fulfill all of the requirements of the program. Participants will be responsible for travel, meals, housing and other personal expenses. For more information, visit the website. |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| Medical College of Wisconsin (Wisconsin) | Biomedical | The Summer Program for Undergraduate Research (SPUR) provides an opportunity for students to learn the potential of biomedical sciences as an interesting and fulfilling career. The SPUR program provides a mentored laboratory experience in science in which the student works on significant basic science research issues. This program is intended for students interested in a PhD in biomedical sciences. Students interested in a dual degree (MD and PhD) are also encouraged to apply. | <ul style="list-style-type: none"> ☑ Academic minimum: 3.2 GPA. ☑ Currently enrolled undergraduate student of sophomore or junior standing. ☑ U.S. citizen or permanent resident (F-1 visa status is acceptable). | Students will receive a \$3,500 stipend and housing accommodations. For more information, visit the website. If you have additional questions, please send an email to the program. |
| Medical University of South Carolina (South Carolina) | Biomedical Sciences | During the 9-week program, participants will be taught important research skills and techniques. In addition, there is a mandatory seminar series component to the program with tracks in Cardiovascular Biology, Cancer Biology, Neuroscience and Marine BioMedical Environmental Health. SURP participants are expected to pursue substantive research projects over the course of the program and are required to make a full-time commitment (at least 40 hours per week) to their research as guided by their faculty research mentor. Students will be required to write a research paper summarizing their projects and will also be required to make a presentation to their fellow participants, faculty mentors and others at the end of the program. | <ol style="list-style-type: none"> 1. US citizens or permanent residents 2. Undergraduates with a very strong interest in biosciences and biomedical research 3. Have completed at least two full years of college course work, or else have been involved in significant research opportunities, by the time the internship begins 4. Enrolled full time and in good standing in a baccalaureate program at the time of application 5. Must be able to complete the entire 9 weeks of the program. (June 1st through July 31st) 6. Students must have a minimum GPA of 3.0. A cumulative G.P.A. of 3.2 or higher is preferred | Students will receive a living allowance of \$400 per week for a total maximum of \$4,000. The program does not pay for travel/housing/meals, but a \$200 subsidy is available and intended to defray the cost of travel to Charleston from a distance of at least 60 miles. For more information, visit the website. |
| 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. |
| Minneapolis Heart Institute Foundation (Minnesota) | Pre-med | The MHIF Summer Research Internship Program – Clinical Cardiology is one of the most outstanding and unique internship opportunities available to undergraduate premed students and those studying in other health care disciplines. Working with a physician mentor and a research staff mentor, interns contribute to clinical research studies and publications that impact patient care. This past year, the work of former interns was a part of 10 presentations at national scientific meetings and 9 publications in peer-reviewed journals. During their 12 week internships, interns spend nearly 11 days on shadowing, observations and other field trips. | <ul style="list-style-type: none"> ☑ Enrolled in a U.S.-based accredited degree program in a health care or related discipline. ☑ Preference will be given to undergraduate rising juniors or seniors. ☑ Have GPA of 3.5 or above. ☑ Available to work a minimum of 400 hours (up to 40 hours/week) from June 3 to August 16. ☑ Available to attend three days of orientation in late May. | Students will be paid \$8/hour (40 hrs/week) for their participation in the internship as well as paid parking. For more information, visit the website. If you have additional questions, please send an email to Eva Kovacs Zewdie . |
| 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. | For more information, visit the website. |
| Monterey Bay Aquarium Research Institute | | The Monterey Bay Aquarium Research Institute's summer internship program provides an opportunity for talented college students (undergraduate and graduate) and educators to come to MBARI for a period of 10 weeks to work on a specific project under MBARI staff supervision. With state-of-the-art facilities and equipment that includes research vessels, remotely operated vehicles (ROVs), and autonomous underwater vehicles (AUVs) to explore the deep ocean, MBARI's Summer Internship Program offers teachers and students unique opportunities to be involved in advanced research and development projects. | Summer interns are responsible for developing a project (in conjunction with their sponsor) which can be completed in the 10-week period of the internship, and for carrying the project to completion. The primary purpose of the intern's project is for the specific educational benefit of the intern, and to make a contribution to the general good of the oceanographic community. If publications results from this collaboration, the authorship should be a joint authorship (including both the intern and the sponsor) | For more information, visit the website. |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| Morehouse College of Public Health Sciences | biostatistics, epidemiology, and occupational safety and health | IMHOTEP is an eleven-week internship (May 18, 2015- July 30, 2015) designed to increase the knowledge and skills of student trainees in biostatistics, epidemiology, and occupational safety and health. The program begins with two weeks of intense educational training. The purpose of this training is to equip interns with the academic coursework and information necessary to complete the program. | Current junior, senior, or recent graduate (within one year) of an undergraduate institution Cumulative GPA of 2.7 or higher U.S. Citizen or Permanent Resident | During the following eight weeks, interns conduct public health research with experts at the CDC, NIMR, Academic Institutions, State Agencies, and various other public health agencies and community based organizations. Interns also receive a \$3,500 stipend, lodging, and travel to and from their site location and city of origin. For more information, visit the website. |
| Mount Sinai School of Medicine (New York) | Biomedical | The Summer Undergraduate Research Program (SURP) provides an opportunity for students to work on a cutting-edge research project in one of over 200 laboratories. Students will be presented with great networking opportunities among other students, faculty members, and school administration. | ☑ Academic minimum: 3.5 GPA. ☑ Currently enrolled undergraduate students of freshman, sophomore, or junior standing. ☑ Motivated towards research and inclined towards graduate education in biomedical sciences in a PhD Program or MD/PhD (MSTP). | Students will receive a \$3,500 stipend and access to the benefits of the Mount Sinai Recreation Office. Students receive free housing but are responsible for meals and transportation. *Note: Housing is available in one of Mount Sinai's residential buildings. For more information, visit the website. If you have additional questions, please send an email to the program. |
| 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. | ☑ Must be a U.S. citizen. ☑ Must submit transcripts. ☑ 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 Institutes of Health (District of Columbia) | Cancer Research Links to Other Summer Opportunities in the Health Sciences | The Cancer Research Interns (CRI) Program was inaugurated in 2004 to further embrace diversity among the pool of NIH trainee applicants. Over the past two years, 101 students have conducted research in 68 labs across the Center for Cancer Research. | ☑ U.S. citizen or permanent resident. ☑ 18 years of age or older. ☑ Cancer-related research interest from an underrepresented ethnic group. ☑ Academic minimum: 3.0 GPA. | The CRI program provides a stipend that is based on participants' academic level. Housing is provided to students who are financially eligible. Travel to and from Bethesda is provided for out-of-state participants. Students are responsible for their own meals. For more information, visit the website. Interested students should email a statement of interest to Dr. Jonathan Wiest or Vi Black. |
| National Science Foundation: Research Experience for Undergraduates (REU) (Multiple locations) | | Keyword Search: Biological Sciences. 162 training program opportunities are available to undergraduate students interested in biological sciences. Programs vary in duration from 4 - 10 weeks. | ☑ U.S. citizen, non-citizen national or legal permanent resident. ☑ 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 (OSS) is an innovative solution to support the STEM (Science, Technology, Engineering, and Mathematics) workforce. NASA's internship programs are being phased into OSS: SOLAR, including national programs, and programs that are unique to a specific NASA Center. | ☑ U.S. citizen. ☑ 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. |
| New York University (New York) | Biomedical | The Sackler Institute of Graduate Biomedical Sciences and the Office of Minority Affairs offers a summer internship in the medical sciences at NYU Medical Center. This 9-week program provides students an opportunity to conduct research and gain exposure to the academic medical environment. Students will work with faculty in the fields of biochemistry, biomedical imaging, cellular and molecular biology, and many more. | ☑ Currently enrolled undergraduate student of sophomore or junior standing. ☑ Academic minimum: 3.4 GPA. ☑ Previous research experience. ☑ Interest in biomedical research career. | Students will receive a \$3,500 stipend, housing, and roundtrip travel accommodations. For more information, visit the website. If you have additional questions, please send an email to Amanda Tufekci. |
| Northwest Advanced Renewables Alliance | Biofuels | SURE participants engage in full time research for a summer (9.5 weeks) program, starting May 28 ending July 31, that provides laboratory, fieldwork and research skills in the broad area of biofuels research. | You must be currently enrolled as an undergraduate and you will not have received your Bachelor's degree prior to July 2015 to participate in this program. One letter of recommendation is also required and you will be prompted to enter their contact information including email. | Students are paid a stipend of \$5000 for the full summer and expected to work full time. Housing and travel expenses are covered. All students will be participating in the poster session on July 31 in Pullman, WA. For more information, visit the website. |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| 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. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate student of sophomore or junior standing. ☑ Academic minimum: 3.3 GPA. ☑ U.S. citizen or permanent resident. ☑ 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 | <ul style="list-style-type: none"> ☑ A GPA of 3.5 is typical of admitted students. ☑ Be of rising junior or senior status, and not have graduated before the program begins. ☑ 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. | For more information, visit the website. |
| NSF REU Biology Site in Berkeley | Molecular, Cell, Developmental, Evolutionary, and Ecosystem Biology | This program is designed to expose participating students to core Molecular, Cell, Developmental, Evolutionary, and Ecosystem Biology. The ~30 participating faculty provide a broad range of research options in these areas. They also share a strong commitment to working with undergraduates and promoting diversity in the biosciences community at Berkeley. Under the direct guidance of a UCB faculty mentor, usually with a graduate student or postdoctoral co-mentor, students will gain first-hand research experience and training in state-of-the-art research facilities, working on individual projects. | <ul style="list-style-type: none"> *Highly motivated students interested in biological research Students interested in the possibility of graduate school (Ph.D. rather than M.D.) *Have completed at least one course in biology and one in chemistry before applying *Undergraduates who will be attending a 4 year college or university in fall 2015 to work toward the Bachelor's degree. *United States citizens or permanent residents (required by NSF guidelines) *Able to show proof of health insurance for duration of the program | 10 week program (June 08 to August 14, 2015) \$5,200 stipend Paid on-campus housing in International House, includes 19 meals/week Travel costs reimbursed up to \$600 Excursions and social programs highlighting attractions of the Bay Area For more information, visit the website. |
| Oregon Health and Science Institute | Premed | <ul style="list-style-type: none"> *An exciting opportunity to spend eight weeks working with faculty, scientists, and graduate students in a research setting. *Equity interns will learn new research skills and gain hands-on lab experience. *Weekly seminars with fellow interns and faculty and scientists mentors *Scientific poster presentation of your summer research project. *Ongoing mentoring and advising about your individual career pathway. *Shadowing and clinical experience (MD Track). *A paid stipend during the program. | <ul style="list-style-type: none"> *Have completed at least one full year of college coursework. *Have completed coursework in a basic science with a lab setting (e.g. biology, chemistry, neuroscience, biopsychology) and mathematics course. *Come from an underrepresented minority community. *Underrepresented students belong to groups that are recognized as historically underrepresented in the health and science professions *Have experienced social or economic disadvantages. Economically disadvantaged students are defined as individuals who come from a "low-income family," using low income levels specified by the U.S. Department of Health and Human Services as a guideline. | For more information, visit the website. |
| Organization of Biological Field Stations | Biology, chemistry, and physics of the open ocean · Biology, physiology, and biochemistry of reef building corals and reef ecosystems · Molecular biology of marine organisms · Environmental chemistry of Bermuda's atmosphere and inshore waters · | This website sponsors around 30 opportunities that consist of summer REU's as well as summer and semester long internships. Many have a focus on environmental studies. This website also hosts job positions and may be a useful resource post-bach. | Programs have different eligibility requirements. | For more information, visit the website. |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| Organization for Tropical Studies (REU) | Ecology | Students from diverse ethnic and academic backgrounds will complete an independent research project in the field, from the project planning stage through to symposium presentation and potential publication. Nine undergraduates will be selected through a competitive application process for a ten-week research program at La Selva Biological Station in Costa Rica. Students will live immersed in a rich academic community of researchers conducting novel tropical research and will attend workshops on field skills, current research in tropical biology, international research ethics, statistics, and scientific written and oral communication. Participants also have access to the social, cultural, and recreational activities surrounding La Selva. | Competitive applicants will have a strong background in biology (demonstrated by 2 semesters of upper-level biology or other experiences as noted in the application essay). They will have a demonstrated interest in field ecology. An introductory knowledge of Spanish will be helpful but is not mandatory. Prior field experience is not a prerequisite. The program is open to undergraduate U.S. citizens and permanent residents of ethnic groups underrepresented in the sciences who are enrolled in LSAMP institutions in the United States and who have taken at least 2 semesters of upper-level biology (beyond introductory courses) or can explain in an essay how they are sufficiently qualified to conduct independent research in field ecology. Graduating seniors are not eligible. | The OTS REU award covers the cost of room and board as well as international travel to and from Costa Rica. Participants will also receive a stipend of \$4500 for their 10 weeks of work on their research. For more information, visit the website. |
| Organization for Tropical Studies (NAPIRE: Native American and Pacific Islander Research Experience for Undergraduates) | Ecology | With funding from the National Science Foundation, the OTS NAPIRE program provides a unique, intensive opportunity for field research to undergraduate students from Pacific Islands, Hawaii, Alaska and mainland USA. The NAPIRE Program is designed to introduce Native American and Pacific Islander undergraduate students to the biodiversity of the tropics. The NAPIRE program introduces undergraduate students to scientific research by making them responsible for completing a research project. Students are supported to this end by giving them their basic living needs (travel, room and board), guidance by a Research Mentor, Home Mentor and OTS staff, a small budget for supplies, and a venue for presenting the Research results, the NAPIRE Symposium. All this takes place in Costa Rica, in the beautifully conserved biological stations of OTS. | U.S. citizens and Permanent Residents who are undergraduate students enrolled in accredited institutions in the United States may apply to the program. Incoming freshmen and graduating seniors are not eligible. Students must attend LSAMP institutions. LSAMP is the Louis Stokes Alliance for Minority Participation, a National Science Foundation (NSF) program that was designed to foster achievement in minority students seeking degrees in science, technology, engineering and mathematics (STEM). The goal has been to increase the number of minority students who pursue STEM majors; as well as to increase the number who complete baccalaureate and doctoral in STEM degrees. A list of LSAMP schools can be found at the NSF- LSAMP website, or contact us. To apply, students must complete the NAPIRE application, including 2 letters of recommendation (one from your designated on-campus mentor), official transcripts from universities attended, and a statement of research interests. | The NAPIRE award covers the cost of room, board and travel to and from Costa Rica. Students also receive funds to help cover costs of field equipment and a \$4000 stipend. For more information, 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. | <p>*Be undergraduates with an excellent academic record and a strong interest in biosciences and biomedical research (prior lab experience is highly recommended);</p> <p>*Have completed three full years (six semesters) of college course work by the time the internship commences (be a rising senior);</p> <p>*Not have received an undergraduate degree at the time of the internship (Summer 2015).</p> <p>*Knowledge of French is not necessary, but a desire to learn it is advisable. This program is open to U.S. citizens only.</p> | 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. |
| 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. | <p>*be a U.S. citizen or permanent resident;</p> <p>be currently enrolled full-time as a sophomore or junior in good standing</p> <p>*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:</p> <p>*are enrolled at nonresearch intensive institutions</p> <p>*have not participated in a prior summer research experience at a major research institution</p> <p>*are first generation college students or from a low-income background.</p> | <p>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.</p> <p>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.</p> |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| 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. | <ul style="list-style-type: none"> ☑ 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. |
| Regional Approaches to Climate Change | Climate Research | Regional Approaches to Climate Change- Pacific Northwest Agriculture (REACCH PNA) is a USDA-funded, multi-institutional project focused on improving the long-term sustainability of agriculture within the region. REACCH partners (University of Idaho, Washington State University, Oregon State University and USDA-ARS) are teaming up to offer a total of 14, 9-week long, undergraduate internships across the three institutions. Internships will go from 8 June – 7 August for the University of Idaho and Washington State University. Internships will go from 15 June – August 14 for Oregon State University. | U.S. citizens, permanent residents and all Non-U.S. Citizens are invited to apply. All college students who are currently enrolled are welcome to apply. Underrepresented groups (i.e. Native Americans, ethnic minorities, and women) are encouraged to submit applications. | Summer interns will participate in faculty and/or graduate student research, weekly seminars, and field trips. Interns will receive a salary of \$500 per week for the summer internship and a travel budget up to \$500. Summer interns will also be provided with University housing, identification cards, access to library, email and internet privileges. For more information and project descriptions, visit the website. |
| 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. | <ul style="list-style-type: none"> *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. | <ul style="list-style-type: none"> *\$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, visit the website. |
| Rockefeller University (New York) | biochemistry; structural biology and chemistry; molecular, cell and developmental biology; immunology; virology and microbiology; neuroscience; physics; and mathematical biology. | Students in the Summer Undergraduate Research Fellowship (SURF) work with leading scientists in a broad range of areas, including: <ul style="list-style-type: none"> ☑ Biochemistry ☑ Structural biology and chemistry ☑ Molecular, cell, and developmental biology ☑ Immunology ☑ Virology and microbiology SURF students are required to present and discuss scientific publications at weekly journal club meetings and will share their research results with fellow interns and mentors at a final poster session. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate student of sophomore or junior standing. ☑ Strong background in the sciences. *Note: SURF students are strongly encouraged to return during their college recesses to complete and/or extend their summer research projects. | SURF participants will receive a \$4,000 stipend and on-campus housing. For more information, visit the website. If you have additional questions, please send an email to the program. |
| Roswell Park Cancer Institute (New York) | Cancer Research | This program is designed for undergraduate students of at least junior standing who will benefit from an intensive pre-graduate (PhD) research experience. The program welcomes applicants from non-research intensive universities who have limited research experience, underrepresented minority students, and students from financially disadvantaged backgrounds. | National Cancer Institute <ul style="list-style-type: none"> ☑ Undergraduate student of junior standing. ☑ Intend to pursue a graduate or professional degree in the biomedical or natural sciences. ☑ U.S. citizen or permanent resident. Continuing Umbrella of Research Experiences (CURE) <ul style="list-style-type: none"> ☑ Undergraduate student of at least junior standing. ☑ Intend to pursue a graduate or professional degree in the biomedical or natural sciences. ☑ U.S. citizen or permanent resident. ☑ Member of a group traditionally underrepresented in the sciences (e.g. African American, Hispanic American, Native American Indian). | National Cancer Institute Students will receive a stipend. On-campus housing is available at cost to the student. CURE Students will receive a \$3,500 stipend. On- campus housing is available at cost to the student. For more information, visit the website. If you have additional questions, please send an email to Dr. Adam Kisailus. |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| 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> |
| Seattle Biomedical Research Institute (Washington) | Infectious Disease | The Global Health Internship Program provides an opportunity for students to work alongside some of the leading scientists in the world in an environment devoted exclusively to infectious disease research. This 10-week program culminates with a formal report and presentation. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate student of junior or senior standing. | <p>Students will receive an hourly wage of \$11.25. At a full-time (40 hours per week) schedule, this equals approximately \$4,500 in earnings. Housing is not provided.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p> |
| Smithsonian Tropical Research Institute | | Internships are intended for undergraduates, recent graduates (post-bachelor's) and beginning graduate students interested in advancing their professional goals and intellectual skills under the guidance of a scientist working at STRI. Internships give interns the opportunity to meet and interact with scientists from around the world, gain hands-on experience in their area of academic interest, and delve into Panama's rich culture. | <p>Interns will be selected based on merit and potential for achievement. However, placement depends upon the availability of a match between the applicant's interest and a new or ongoing project supervised by a STRI staff scientist. We encourage applicants to directly contact potential supervisors. Staff research profiles and contact information can be found here. If your research interests do not correspond to those of our staff, please let us know and we will send you a list of research affiliates and/or postdoctoral fellows carrying out research at STRI.</p> | <p>For more information on the internships and opportunities sponsored by the Smithsonian Institute follow the link to the website.</p> |
| St. Jude Children's Research Foundation (Tennessee) | Biomedical and Oncology | The Pediatric Oncology Education program at St. Jude Children's Research Hospital offers a unique opportunity for students preparing for careers in the biomedical sciences, medicine, nursing, pharmacy, psychology, or public health to gain biomedical and oncology research experience. The POE program provides a short- term training experience in either laboratory or clinical research. A primary goal of the program is to encourage students to pursue a career in cancer research, either as a laboratory-based scientist or a physician scientist. | <ul style="list-style-type: none"> ☑ U.S. citizen or permanent resident. ☑ Academic minimum 3.4 GPA in math and science, cumulative minimum: 3.4 GPA. ☑ Currently enrolled undergraduate student of at least sophomore standing OR graduate student preparing for a career in medicine or biomedical sciences. ☑ Students with an interest in cancer research are particularly encouraged to apply. | <p>Students will receive a \$4,000 stipend, in addition to no-cost housing near campus.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Dr. Suzanne Gronemeyer.</p> |
| The STEER Program at UC Berkeley | Short Term Educational Experiences for Researchers in Environmental Health | <p>A meaningful opportunity to work with experienced faculty on some aspect of a research project addressing the relationship between environmental exposures and human health.</p> <p>Participation in a series of seminars that will:</p> <ul style="list-style-type: none"> Introduce you to a range of research being carried out by EHS faculty Instruct you on the responsible conduct of science and the protection of human participants and animals in research Teach you about job opportunities in environmental health sciences Provide you with some practical instruction in applying to graduate school in environmental health sciences Provide you with an opportunity to discuss your research experience and present your findings. Participation in field trips to give you some experience of environmental health issues in the real world. | <p>We are looking for students who have some previous exposure to environmental health concepts or research, or who have a clear idea of what they would like to do. We are also looking for students who are enthusiastic about environmental health and who are committed to working on various aspects of research. A clear goal statement and a commitment to taking advantage of all of the opportunities offered through the internship is advantageous.</p> | <p>You will be paid for 40 hours per week for 8 weeks. The pay scale depends on who is accepted into the program and if anyone is a current University of California employee. You can expect to be paid no less than \$14.62 per hour. For more information, visit the website.</p> |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| STEP-UP (Multiple locations) | biomedical, behavioral, clinical and social science research pipeline focused on NIDDK's core mission areas of diabetes, endocrinology and metabolic diseases; digestive diseases and nutrition; kidney, urologic and hematologic diseases. | The Short-Term Research Experience for Underrepresented Persons (STEP-UP) is a federally-funded program managed and supported by the Office of Minority Health Research Coordination (OMHRC) in the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) of the National Institutes of Health. The overall goal of this program is to build and sustain a biomedical, behavioral, clinical, and social science research pipeline focused on NIDDK mission areas. The STEP-UP program for undergraduate students is administered at multiple institutions, all which offer 8 - 12 weeks of full-time research experience and a flexible start date. The program culminates with an all- expense paid trip to the Annual STEP-UP Scientific Research Symposium. | <ul style="list-style-type: none"> ☑ U.S. citizen or permanent resident. ☑ Currently enrolled, full-time undergraduate student enrolled at an accredited 2-year or 4-year college or university. Previous research experience is required for all first-year (freshmen) students. ☑ Academic minimum: 3.0 GPA. ☑ Have personal medical/health insurance coverage throughout the duration of the program. ☑ Come from a group traditionally underrepresented in the sciences (i.e., African American, Hispanic American, Native American) OR from a disadvantaged background as defined by annual family income and/or on track to be a first- generation college student in their family OR diagnosed with a disability that substantially limits one or more major life activities. | Participants will receive a stipend not to exceed \$3,500. For more information, visit the website. If you have additional questions, please send an email to Dr. Gail Matters. |
| Summer Systematic Institute (California) | phylogenetic systematics, molecular techniques, biodiversity, evolutionary biology, global change, and other contemporary issues in the natural sciences | The California Academy of Sciences offers this 8-week paid research internship to undergraduates. Participants will conduct research with their chosen adviser on a project relating to the discipline of the adviser and student. Participants also receive instruction while taking part in a museum-based curriculum that includes tours, lectures, and lab exercises on phylogenetic systematics, molecular techniques, biodiversity, evolutionary biology, global change, and other contemporary issues in the natural sciences. One-day field trips highlighting the local natural history include tide-pooling and hiking. | <ul style="list-style-type: none"> ☑ U.S. citizen or green card holder. ☑ An undergraduate student who will not have graduated before the start of the program. | Students will receive a \$3,600 stipend. In addition, students will receive a \$2,100 subsistence allowance for housing and food. Most travel costs will be reimbursed. For more information, visit the website. If you have additional questions, please send an email to Dr. Rich Mooi. |
| SUNY Upstate Medical University (New York) | Biomedical | The Summer Undergraduate Research Fellowship (SURF) program is designed to expose undergraduate students to biomedical research. During the 10-week program, students will receive faculty guidance while formulating an independent research proposal, conduct research under the supervision of a faculty mentor, and write a research paper. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate student between the summer of their junior and senior year. ☑ Majoring in chemistry, biology, or a related field. ☑ Strong interest in pursuing a PhD in biomedical investigative research. | Students will receive a \$3,000 stipend, as well as housing. For more information, visit the website. If you have additional questions, please send an email to the program . |
| Tufts University Building Diversity in Biomedical Sciences | Biomedical | The Building Diversity in Biomedical Sciences (BDBS) Program provides a mentored, 10-week research intensive experience for undergraduates who are interested in pursuing PhD or MD/PhD training upon completion of the baccalaureate degree. Biomedical science is a rapidly evolving and engaging field that holds tremendous promise for discoveries that will change the lives of all people by improving detection and treatment of disease. Our country benefits from the diversity of its citizens; a goal of our program is to ensure that the biomedical leaders of the future match this diverse profile | Applicants must have successfully completed at least one year of college and be US citizens or US permanent residents. The NIH and the Sackler School encourage applicants from members of groups that are under-represented in the biomedical sciences. The NIH has reported that groups under-represented in biomedical or behavioral research include African-American, Hispanic-American or Latino/a, American Indian, Alaskan Native, and Pacific Islander and members of economically disadvantaged families and disabled persons. | The Program begins at the end of the first week of June and ends in the second week of August. Trainees also attend scientific seminars and workshops on academic and career guidance, participate in organized social activities, and have free time to explore the Boston area. Trainees receive a \$4,000 stipend, travel expenses within the US, and are provided with on-campus housing. For more information, visit the website. |
| University of Alabama at Birmingham (Alabama) | | The Summer in Biomedical Sciences (SIBS) Undergraduate Research Program at the University of Alabama at Birmingham (UAB) provides an opportunity for ten (10) sophomore or junior level college undergraduates to be instructed in techniques of modern biology while becoming integrated members of a vibrant clinical and scientific community. During the 8- week summer program students will work with UAB faculty members on mentored research projects. SIBS is intended for students with a desire to pursue careers in the biomedical sciences. | <ul style="list-style-type: none"> ☑ U.S. citizen or legal permanent resident. ☑ Sophomore or junior level college undergraduate. ☑ Academic minimum: 3.0 GPA. | Students will receive a \$2,000 stipend as well as on campus housing. Students will be responsible for travel expenses. For more information, visit the website. If you have additional questions, please send an email to Dr. Robin Lorenz. |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| University of Arizona (Arizona) | Minority Health Disparities | The University of Arizona Graduate College offers a prestigious summer research opportunity focused on health issues that affect minority communities in a disproportionate manner. What to expect: *a research project with a faculty mentor *workshops / preparation for the graduate application process *social opportunities and a support network *financial support *annual research conference & closing ceremony | *Be of American Indian/Alaska Native, African American, Hispanic/Latino, Native Hawaiian/Other Pacific Islander descent or other underserved populations *Be US citizens or permanent residents *Have a major in fields leading to biomedical careers, (i.e. Biology, Biochemistry, Chemistry, Molecular and Cellular Biology, Microbiology, Nutritional Sciences, etc.) *Have completed a minimum of 75 semester units toward your bachelor's degree *Have a cumulative GPA of 3.0 or above *Be interested in pursuing graduate education in a biomedical field | *six units of upper division research credit *weekly speaker series focused specifically on *biomedical research related to minority health disparities *workshops focused on issues related to biomedical research and graduate school preparation *\$4000 in pay over the 10 weeks on-campus housing is available For more information, visit the website. |
| University of Arizona (Arizona) | | The Summer Research Institute (SRI) offers an outstanding opportunity to learn how to conduct research and prepare for graduate studies. The purpose of SRI is: ☐ To provide students with the opportunity to work with faculty on a research project; ☐ To give an understanding of the approaches, issues, and research methodologies in a chosen field; ☐ To encourage students to consider advanced study in the discipline of their choice; ☐ To prepare students to be competitive in the graduate application process and beyond; and ☐ To enhance leadership skills through personal development workshops and interaction with peers. | ☐ Currently enrolled undergraduate of junior or senior standing. ☐ U.S. citizen, legal permanent resident, or refugee status. ☐ Academic minimum: 3.0 GPA. ☐ Students from first-generation, low- income, or underrepresented background are encouraged to apply. | Students will receive a \$3,000 stipend as well as on campus housing. For more information, visit the website. If you have additional questions, please send an email to Donna Treloar . |
| 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. | ☐ 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) | Health Sciences | The Hugh Edmondson Summer Research Internship Program offers a nine-week research experience for motivated college students who have demonstrated a strong interest in the health sciences. Students will conduct research under the guidance and mentorship of pathology faculty in various laboratories. In addition to research activities, the program offers weekly lectures and problem-based learning exercises that promote investigative and critical thinking. | ☐ Currently enrolled undergraduate student of freshmen, sophomore, or junior standing. ☐ Demonstrated interest in the health sciences. | Participants will receive a \$2,000 stipend, as well as assistance finding housing if needed. For more information, visit the website. If you have additional questions, please send an email to Kendra Harris . |
| 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. | For more information, visit the website. |
| 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. | ☐ 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. | SURF participants will receive a \$3,000 stipend, as well as campus housing and roundtrip travel compensation up to \$400. For more information, visit the website. If you have additional questions, please send an email to the program . |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| University of California, Los Angeles | Neuroscience or Physiology | The UCLA Brain Research Institute (BRI) sponsors a summer undergraduate research experience (BRI-SURE) pathway program for students currently participating in the Minority Access to Research Careers (MARC) and other honors research programs whose goal is to increase diversity. This program solicits applications from students from universities and colleges across the nation. BRI-SURE Pathway is an 8-10 week, intensive summer research-training program for exceptional students interested in pursuing research careers in Neuroscience or Physiology. The program is designed to provide a rigorous, in-depth research experience to prepare participants for top-quality Ph.D. and M.D./Ph.D. graduate programs. The BRI-SURE residential program offers a summer stipend. The BRI-SURE non-residential program does not offer a summer stipend. | <p>*Applicants must be in good academic standing with a minimum GPA of 3.0;</p> <p>*Applicants must submit the following: 1) UCLA SPUR Online application form, 2) Academic transcript, 3) Personal statement (limit to 1000 words) that describes your past, present or future leadership in and commitment to research and diversity in science, 4) Summary of prior research, if any (limit to 1000 words), 5) Two letters of recommendation from science faculty, and 6) Paragraph (500 words or less) summarizing your interest in neuroscience or physiology;</p> <p>*In a separate file, applicants need to rank in order of preference, the top three research training areas: Neuroendocrinology, Sex Differences, and Reproduction; Neural Repair; Neural Microcircuits; Neurobehavioral Genetics; Molecular and Cellular Neurobiology; or Molecular, Cellular and Integrative Physiology;</p> <p>Submit additional application materials directly to BRISURE@mednet.ucla.edu</p> | To learn more about how to apply to this program, please contact Dr. Dwayne D. Simmons (Program Director) or Mr. Alfredo Morales (program Representative) at BRISURE@mednet.ucla.edu For more information, visit the website. |
| University of California, Los Angeles | | The UCLA SPUR-LABS summer program provides a rigorous research training experience for undergraduates with interests in a broad range of bioscience disciplines—from molecules to organisms and from basic to translational science. Exceptional research training, integrated with professional development activities, will prepare students to succeed in leading Ph.D. and M.D./Ph.D. programs. The program aims to contribute to diversity, inclusion, and the elimination of barriers to participation in bioscience research careers and is designed for students participating in honors research programs that foster transition to doctoral programs (such as Maximizing Access to Research Careers–MARC). | <ul style="list-style-type: none"> • U.S. citizen or U.S. permanent resident • Prior to beginning the program, completion of at least two years of undergraduate study • Participants may not be UCLA students; UCLA students should consider other summer research opportunities such as CARE SEM or Amgen Scholars • Minimum cumulative G.P.A. of 3.0 • Intention to pursue a Ph.D. or M.D./Ph.D. in a bioscience field and not admitted or enrolled in a graduate program (M.S. or Ph.D.) at the time the program begins | <p>Stipend: \$3,500 (for both eight and ten week option)</p> <p>Room and board: on-campus housing and meal allowance</p> <p>Travel allowance: up to \$500 for out of state students; up to \$250 for California residents</p> <p>Program Directors Dr. Gregory Payne Dr. Jeffrey Goldman spurlabs@mednet.ucla.edu For more information, visit the website.</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. | For more information, 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 *Become familiar with National Science Foundation (NSF) Graduate Research Fellowship process *Receive individualized feedback on NSF essay and proposed plan of research *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 emmaldonado@ucsd.edu For more information, 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. | For more information, visit the website. |
| University of Chicago (Illinois) | Health Sciences | The Pritzker School of Medicine Experience in Research (PSOMER) is an 8-week summer program designed to provide faculty-mentored research experience and education. Projects range from basic science to clinical research. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate student of rising junior or senior standing. ☑ U.S. citizen or permanent resident. ☑ Must be able to commit to the 8- week program. | <p>Students will receive a \$3,200 stipend, as well as on-campus housing and a travel allowance (up to \$500). For more information, visit the website.</p> <p>If you have additional questions, please send an email to Bernadette Steele.</p> |
| University of Cincinnati (Ohio) | Biomedical | Students will be exposed to the medical school experience through extensive interaction with current medical students and faculty and guidance through the medical school application process. Students will prepare for the academic curriculum through a non-credit course in cardio physiology. This program emphasizes strengthening critical thinking/problem solving skills, increasing self-awareness, and making each participant a competitive medical school applicant. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate student of junior or senior standing OR post baccalaureate premedical student. ☑ U.S. citizen or permanent resident. | <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 | Description | Eligibility | Compensation / For More Information |
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| 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. | Students will receive a \$4,000 stipend. For more information, visit the website. If you have additional questions, please send an email to the program . |
| 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. | Students will receive a competitive stipend, as well as roundtrip travel, room and board, and tuition for upper-division undergraduate credits at UC Boulder. For more information, visit the website. If you have additional questions, please send an email to the program. |
| University of Colorado, Denver (Colorado) | cancer biology, cell biology, alcohol and drugs of abuse, learning and memory, genomics, proteomics, lipid maps, and structural biology | The University of Colorado, Denver offers a 10- week program that provides an opportunity for undergraduate students to conduct laboratory research, present results, attend seminars, and interact with fellow students, lab members, and faculty. Training in cellular and molecular pharmacology, signal transduction, neuropharmacology, biochemistry, and molecular structure, as well as opportunities in the blossoming field of bioinformatics, is available. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate student of at least sophomore standing. ☑ Academic minimum in the sciences: 3.0 GPA. Overall academic minimum: 2.9 GPA. ☑ U.S. citizen or permanent resident. ☑ Demonstrated interest in pursuing a scientific career. | Students will receive a \$3,500 stipend and \$300 for travel expenses. For more information, visit the website. If you have additional questions, please send an email with the heading "Info request from pharmacology web site" to Elizabeth Bowen . |
| University of Connecticut (Connecticut) | Biomedical | The University of Connecticut Health Center invites applications for a limited number of summer research internships from highly qualified and motivated undergraduate students with an interest in obtaining a PhD in the biological and biomedical sciences. Students will have the opportunity to participate in research activities of a laboratory. | <ul style="list-style-type: none"> ☑ Completed some college coursework in biology and chemistry. ☑ U.S. citizen or permanent resident. | Participants will receive a \$3,200 stipend. For more information, visit the website. If you have additional questions, please send an email to the program. |
| University of Connecticut | Medicine, Dental, Biomedical | The University of Connecticut School of Medicine Summer Research Fellowship (SURF) program is a nine-week internship designed to provide research experience under the guidance of a faculty mentor for those interested in pursuing an MD or MD/PhD. Students will also gain some exposure to clinical medicine. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate student of sophomore, junior or senior standing OR recent graduate with a 'B' average or better who is interested in a career in medicine or biomedical research. ☑ Basic science knowledge and experience. ☑ Member of a group traditionally underrepresented in the sciences (e.g. African American, Hispanic American, Native American Indian). | Participants will receive a stipend as well as housing accommodations. For more information, visit the website. If you have additional questions, please send an email to the program. |
| University of Illinois | Molecular Microbiology, Molecular and Integrative Physiology | The laboratory of Dr. Lois Hoyer in the Department of Pathobiology is offering undergraduate projects in the areas of fungal cell wall structure and synthesis. Studies focusing on host-microbe and polymicrobial interactions are also available. Positions are unpaid. Students are eligible for elective course credit. Dr. Edward Roy is looking for an independent study student to work in his lab on animal models of cancer immunotherapy. Dr. Roy's lab uses mice to study how to enhance an immune response against brain tumors. For more particulars, please contact Dr. Roy at eroy@illinois.edu . | <ul style="list-style-type: none"> Sophomore or junior standing in fall semester 2015 Minimum of 15 hours per week Interest in affiliating with the laboratory for at least two years, leading to completion of a senior thesis Strong commitment to research Quick learner with the ability to gain independence Attention to detail Outstanding organizational and communication skills | For more information, visit the website. |
| 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. | 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. For more information, visit the website. If you have additional questions, please send an email to the program or call: (217) 333-4860. |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| University of Iowa (Iowa) | Free Radical and Radiation Biology, Human Toxicology, Genetics, Immunology, Molecular & Cellular Biology, and Neuroscience | The University of Iowa Interdisciplinary Summer Undergraduate Research program offers faculty-mentored laboratory research experience to talented undergraduate bioscience majors. Students will also be exposed to the challenges and rewards of a research career. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate student of sophomore or junior standing. ☑ U.S. citizen or permanent resident. ☑ Majoring in biological sciences at an accredited four-year university or college. | Participants will receive a \$3,750 stipend, housing, and a \$500 allowance for round-trip travel. For more information, visit the website. If you have additional questions, please send an email to Paulette Villhauer. |
| University of Iowa (Iowa) | Microbiology | The University of Iowa Summer Research Experience for Undergraduates in Microbiology is a 10-week, hands-on research experience for students interested in pursuing a career in the Biological Sciences. A co- curriculum exposes students to the breadth of Microbiology, helps them prepare for graduate school, and makes them aware of career opportunities. | <ul style="list-style-type: none"> ☑ Must have completed two years of college, majoring in a Biological Science, and intend to pursue graduate school and a career in biological research. ☑ U.S. citizen or permanent resident. ☑ Have limited access to research opportunities at their home institution. | Students will receive a \$5,000 stipend plus a \$500 food allowance. Housing and travel costs are paid by the program. For more information, visit the website. If you have additional questions, please send an email to Julie Nealson. |
| University of Iowa (Iowa) | | The University of Iowa Summer Undergraduate Medical Scientist Training Program Research (SUMR) program offers an intensive experience for undergraduate students interested in combined MD/PhD training for a career as a physician-scientist. The 8-week program provides students with experience in research laboratories and exposure to clinical medicine and medically-relevant research. | <ul style="list-style-type: none"> ☑ U.S. citizen or permanent resident. ☑ Anticipate graduating in biological or physical sciences in the academic year following participation in the SUMR program. ☑ Prior research experience. | Participants will receive a \$4,150 stipend, on- campus housing, and a round-trip travel allowance. For more information, visit the website. If you have additional questions, please send an email to the program. |
| University of Maryland (Maryland) | Cancer Biology | The Greenebaum Cancer Center offers an 8- week mentored cancer research internship for undergraduate students interested in a research or medical career. Research topics encompass many areas that are on the forefront of scientific interest, including: <ul style="list-style-type: none"> ☑ Cancer drug resistance ☑ Signal transduction ☑ Programmed cell death ☑ Molecular pharmacology ☑ Angiogenesis and carcinogenesis Students will write and present a synopsis of their work at the conclusion of the program. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate OR medical student. ☑ Strong academic background in the arts and sciences. | Students will receive a \$1,500 stipend. The stipend will increase by \$500 for each subsequent summer (up to a maximum \$2,500). Interns are responsible for housing, meals, and transportation. For more information, visit the website. If you have additional questions, please send an email to Dr. Bret Hassel. |
| University of Maryland, Baltimore County (Maryland) | sciences, biochemistry, chemistry, mechanical engineering, psychology, chemical and biochemical engineering and physics. | The Summer Biomedical Training Program at the University of Maryland, Baltimore County (UMBC) provides biomedical research experiences for undergraduates, particularly those underrepresented in the biomedical or behavioral sciences areas who are interested in receiving a Ph.D. or MD/Ph.D. This 10-week program offers a cross-disciplinary research experience in the seven participating biomedical, behavioral and engineering sciences departments. | <ul style="list-style-type: none"> ☑ U.S. citizen or permanent resident. ☑ Interest in pursuing a PhD or MD/PhD in the biomedical or behavioral sciences. ☑ Completion of freshmen or junior year in graduate studies ☑ Academic minimum: 3.5 GPA. | Students will receive round trip transportation, on-campus housing, and a stipend. For more information, visit the website. If you have additional questions, please send an email to Justine Johnson or call: (410) 455-3124. |
| University of Medicine and Dentistry School of New Jersey/ Rutgers University (New Jersey) | Molecular and Developmental Neurobiology | The University of Medicine and Dentistry School of New Jersey and Rutgers University have combined efforts to create a Summer Undergraduate Research Program in Molecular and Developmental Neurobiology. The goal is to increase student knowledge and appreciation of basic Neuroscience research by providing a closely-mentored, hands-on graduate level research experience. In addition, increase interest in pursuing careers in research through career development and educational activities. | <ul style="list-style-type: none"> ☑ U.S. citizen or permanent resident. ☑ Currently enrolled undergraduate student of at least sophomore standing. ☑ Good academic standing. ☑ Interest in pursuing a science or education career. | Students will receive a generous stipend and on-campus housing. For more information, visit the website. If you have additional questions, please send an email to Joan Mordes . |
| University of Minnesota (Minnesota) | Life Sciences | The University of Minnesota Life Sciences Summer Undergraduate Research Program (LSSURP) oversees and coordinates several life science programs. The programs begin with a joint orientation weekend, followed by participation in a 10-week research project under the direction of a University of Minnesota faculty mentor and numerous special activities focused on professional development as well as social interaction. The summer research experience concludes with a poster symposium and banquet. | <ul style="list-style-type: none"> ☑ U.S. citizen or permanent resident. ☑ Currently attending a 2- or 4-year institution on a full-time basis. ☑ Interested in the life sciences. ☑ Academic minimum: 3.0 GPA. | Student will receive a \$4,000 stipend as well as travel (airfare only) compensation, on campus housing, and meal provisions. For more information, visit the website. If you have additional questions, please send an email to Evelyn Juliussen. |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| University of Montana Flathead Lake Biological Station | Ecology | Our academic program has something for everyone interested in ecology. We emphasize hands-on learning outside under the open sky, as opposed to traditional college courses in lecture halls and stuffy laboratories. All courses involve multiple field trips to relevant sites within the Flathead Basin, including Glacier National Park and the National Bison Range. Direct observation of biota and ecological processes is stressed. | The Biological Station offers numerous academic scholarships, ranging from \$500 to \$4,000. All qualified, enrolled FLBS summer students (UM and non-UM) are eligible to apply and a high percentage of applicants receive a scholarship. *Must carry at least 8 credits during the FLBS summer session *Must have achieved Junior standing prior to the start of the summer program *Must have a 3.0 GPA in the general area of the life sciences | 2015 FLBS Summer Courses At a Glance: - Accelerate Your Coursework: Up to 13 credits in 8 weeks - Gain Real Field Experience - Learn Under the Big Sky of Northwest Montana - Low Student/Professor Ratios: typically < 13 students/class - Many generous scholarships available up to \$4,000 - Geographically diverse student population - \$1,840.00 for tuition, housing*, and meals per 2 week course * Based on double-occupancy cabin. Additional housing options are available. For more information, 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. | Students will receive a \$4,000 stipend. Interns are responsible for housing, meals, and transportation. *Note: Nearby housing is available. For more information, visit the website. If you have additional questions, please send an email to the program. |
| University of New Mexico (Undergraduate Pipeline Network) | Biomedical | The Undergraduate Pipeline Network summer research experience will work to cultivate students' interest in research while helping them attain skills needed to apply for and succeed in post-baccalaureate education. The students have the opportunity to observe research activities in different settings, such as within core facilities and within clinical and community-based settings, and are exposed to other facets of clinical and translational research that are different than the one to which they are assigned. | *Have a minimum 3.0 GPA. *Have completed between 30 and 100 credit hours by the end of the Fall semester prior to the program start. *Currently attend a college or university in the United States. *Be US Citizens or Permanent Residents. *While there are no definitive quantitative requirements, we are looking for highly-qualified students with an interest in: Biomedical Science | The program period covers 10 weeks and students participate in the program a minimum of 40 hours per week. The UPN program awards each student a summer experience package to cover a stipend, some meals, activity fees, and tuition. The total package is worth approximately \$5,000. Visit the website for more information. |
| University of North Texas Health Science Center (Fort Worth) STARS | Biomedical | The STARS program provides an excellent opportunity for undergraduate students to gain experience in a research laboratory under the supervision of faculty and senior graduate students. | *Junior standing the upcoming fall semester *3.0 minimum cumulative grade point average *U.S. citizenship or permanent residency *Major in the life sciences (biology, biochemistry, chemistry, biotechnology, etc.) *Intention of pursuing a Ph.D. after graduation | receive a stipend of approximately \$3,000. Housing is not included in the program. Visit the website for more information. |
| University of North Texas Health Science Center (Fort Worth) SMART | Biomedical | The Summer Multicultural Advanced Research Training (SMART) Program brings undergraduate students to the UNT Health Science Center campus to participate in a 10-week biomedical sciences project. Participants become familiar with the varied disciplines and methodology used in biomedical research. | *Students completing freshman year and sophomore students *3.0 minimum cumulative grade point average *U.S. Citizen or permanent residency *Major in biology, biochemistry, chemistry or other life science *Intention of pursuing education beyond the bachelor's level | *receive a stipend plus room and partial board and two semester credit hours upon successful completion. For more information, visit the website. |
| University of Notre Dame (Indiana) | Integrative Cell and Molecular Biology | Students who participate in the Research Experience for Undergraduates (REU) will develop a research proposal, attend weekly seminars, a journal club, and workshops on integrative research, ethics, problem solving, and scientific writing. | ☑ Currently enrolled undergraduate student of sophomore or junior standing majoring in biological sciences. ☑ U.S. citizen or permanent resident. ☑ Primary interest in a career in biological research. *Note: Women, students belonging to groups traditionally underrepresented in the sciences, disabled students, and those attending small colleges with limited research facilities are encouraged to apply. | Students will receive a \$4,800 stipend for 10 weeks of full-time research, which is inclusive of lab supplies, on-campus housing, meals, and travel (up to \$500). For more information, visit the website. If you have additional questions, please send an email to Dr. Michelle Whaley. |
| 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. | For more information, visit the website. |
| University of Oregon (Oregon) | Life Sciences | The University of Oregon (UO) Summer Program for Undergraduate Research (SPUR) offers summer fellowship opportunities for undergraduates from other universities and colleges to participate in ongoing research in UO Life Sciences laboratories at UO. Key features of this rigorous program include: a research project mentored by experienced investigators; faculty seminar series; research group discussions, professional development workshops, recreational, cultural, and social activities, formal presentation at Undergraduate Research Symposium, and assistance with preparation for research presentations at a national meeting. | ☑ U.S. citizen or permanent resident. ☑ Completed at least on year of undergraduate coursework by summer. ☑ Undergraduate in good standing. ☑ Considering a career in research science. | Students will receive a summer stipend, round trip travel from home, room and board during the program, as well as a summer pass to the UO Student Recreation Center. For more information, visit the website. If you have additional questions, please send an email to the program. |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| University of Pennsylvania (Pennsylvania) | Biomedical | The Summer Undergraduate Internship Program (SUIP) provides an intensive research experience for students interested in graduate study in the biomedical and biological sciences. Interns will complete ten weeks of full-time supervised laboratory research, attend state-of-the-art research seminars, and receive career counseling from program faculty and administrators. Areas of research include: <ul style="list-style-type: none"> ☐ Biochemistry and Molecular Biophysics ☐ Cell and Molecular Biology ☐ Control of Gene Expression ☐ Cell Signaling ☐ Cell Growth and Cancer ☐ Gene Therapy ☐ Developmental Biology ☐ Genetics, Genomics and Computational Biology ☐ Immunology | <ul style="list-style-type: none"> ☐ Currently enrolled undergraduate student. ☐ U.S. citizen or permanent resident. | Students will receive a competitive stipend, on-campus housing, and roundtrip travel. For more information, visit the website. If you have additional questions, please send an email to the program . |
| University of Pennsylvania (Pennsylvania) | Molecular Studies in Digestive and Liver Diseases | The Undergraduate Student Scholars Program at the University of Pennsylvania is an organized program of lectures and presentations combined with basic research experience. The curriculum is designed for undergraduate students with an interest in biomedical research, with the eventual goal of MD, PhD, or MD-PhD degrees. Students attend seminars on introductory topics in biomedical research and at the end of the course all participants present their research in a seminar. | <ul style="list-style-type: none"> ☐ Currently enrolled undergraduate student. ☐ Interest in biomedical research, with the eventual goal of obtaining an MD, PhD, or MD/PhD. ☐ Students who are female or belong to groups traditionally underrepresented in the sciences are strongly encouraged to apply. | Students will receive a competitive stipend. No included, on-campus housing is available. For more information, visit the website. If you have additional questions, please send an email to Rose Garrity. |
| University of Rochester (New York) | Biological or Biomedical Sciences and for students with a potential interest in attending graduate school at the University of Rochester. | The Summer Scholars program is for undergraduate students interested in the Ph.D. degree in the Biological or Biomedical Sciences and for Students with a potential interest in attending graduate school at the University of Rochester. Trainees will participate in a centerpiece 10-week, hands-on, independent research project under the supervision of a faculty mentor, with guidance from graduate students and postdoctoral appointees, and oversight from the Program Director. | <ul style="list-style-type: none"> ☐ Currently enrolled undergraduate of sophomore or junior standing. ☐ Academic minimum: 3.0 GPA. ☐ U.S. citizen or permanent resident (F1 visas also acceptable). ☐ Interest in pursuing a PhD in the field of Cellular and Molecular Biology. ☐ Minimal to no prior research experience. *Note: Women and students from underrepresented ethnic/racial groups are encouraged to apply. | Students will receive a \$450 weekly stipend in addition to on-campus housing. For more information, visit the website. If you have additional questions, please send an email to Dr. Lisa Opanashuk. |
| University of Texas Health Science Center at San Antonio (Texas) | Molecular Medicine | The Department of Molecular Medicine offers a Summer Undergraduate Research Fellowship (SURF) program for undergraduate students. This 10-week internship provides an opportunity for students to work in a research laboratory under the guidance of a faculty mentor. Students will also attend lectures given by participating faculty. At the conclusion of the program, students will present their research to the department. | <ul style="list-style-type: none"> ☐ Currently enrolled in a Texas college or university OR a Texas resident enrolled in a college or university in another US state. ☐ U.S. citizen or permanent resident. ☐ At least 18 years of age. | Students will receive a \$4,000 stipend. For more information, visit the website. If you have additional questions, please send an email to the program or Dr. Barbara Christy. |
| University of Texas Medical Branch (Texas) | Biomedical Science | The Summer Undergraduate Research Program provides an opportunity to experience biomedical research. The program is designed to increase student motivation to pursue graduate education leading to careers in biomedical research. Students will work under the guidance of a faculty member and learn basic skills to work in state-of-the-art labs. | <ul style="list-style-type: none"> ☐ U.S. citizen or permanent resident. ☐ Currently enrolled undergraduate student who wishes to pursue graduate studies in biomedical sciences. | Students will receive a stipend of \$3,500. For more information, visit the website. If you have additional questions, please send an email to Laura Teed . |
| University of Texas Medical School at Houston (Texas) | Molecular Basis of Infectious Disease | The Molecular Basis of Infectious Disease (MBID) Summer Undergraduate Research Program's goal is to provide undergraduate students research experience in bacterial pathogenesis, clinical infectious diseases, and translational research, thereby promoting the redirection of research toward the more rapid resolution of important infectious disease problems. Outstanding undergraduate students with a strong background in science, who are considering graduate school and a future career in biomedical research are invited to participate in this intensive, 10-week summer research experience. Each student will be given their own project and work 'at the bench' along side of graduate students, postdoctoral fellows, staff, and faculty. | <ul style="list-style-type: none"> *must be a sophomore, junior, or non-graduating senior *must be 18 years of age by the start of the Program *must demonstrate a record of academic achievement in mathematics and science courses, with an overall GPA of at least 3.3 *must demonstrate an interest in pursuing a career in biomedical research *must be a U.S. citizen or a permanent resident. | 10-week summer research experience. The 2015 MBID Summer Undergraduate Research Program dates are Tuesday, May 26 to Friday, July 31. Students receive a \$4,500 stipend. For more information, visit the website. |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| University of Texas Medical School at Houston (Texas) | Biomedical Research | The UT Houston Summer Research Program provides undergraduate students and first-year medical students enrolled at UT Houston Medical School with hands-on research experience supervised by faculty members from the medical school. The program includes workshops that supplement the research experience, including weekly seminars, certification courses in animal science, laboratory safety and radiation, an enrichment series, and tours of selected facilities and labs. | <ul style="list-style-type: none"> ☑ Currently enrolled sophomores, juniors, and non-graduating seniors. ☑ U.S. citizen or permanent resident. ☑ Must have 12 hours of completed coursework in a science discipline. | Students will receive a \$2,500 stipend. Minimal on-campus housing is available at a discounted rate. For more information, visit the website. If you have additional questions, please send an email to Vaccaro Greaves . |
| University of Texas Southwestern (Texas) | Biomedical Research | The Summer Undergraduate Research Fellowship (SURF) program is designed for undergraduate students who are preparing for a career in biological research. Fellows will pursue individual research projects in the laboratories of UT faculty and present their research at the conclusion of the program. Areas of research include but are not limited to: <ul style="list-style-type: none"> ☑ Cell Biology ☑ Chemistry ☑ Microbiology ☑ Pharmacology | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate student of at least sophomore standing. ☑ U.S. citizen or permanent resident. <p>*Note: Selection criteria includes: grades, relevant experience, and letters of recommendation.</p> | Students will receive a \$4,000 stipend, which is inclusive of housing. For more information, visit the website. If you have additional questions, please send an email to the program. |
| University of Toledo (Ohio) | Premedical and Biomedical Research | The Summer Undergraduate Research Fellowship enables students to conduct experimental analysis in a research laboratory under the guidance of a mentor. Research areas include, but are not limited to: <ul style="list-style-type: none"> ☑ Cancer genetics, therapy, and prevention ☑ Vaccine development ☑ Cancer biology ☑ Gene therapy ☑ Gene regulation | ☑ Receipt of application and two letters of recommendation. | Students will receive a \$3,500 stipend for 10 weeks of full-time research. For more information, visit the website. If you have additional questions, please send an email to the program . |
| University of Utah (URAMP) | | The Undergraduate Research Access for Minorities Program (URAMP) is designed specifically for underrepresented undergraduates. We particularly encourage applications from students who belong to an ethnic or racial group that is considered by the National Institutes of Health to be underrepresented in the biomedical sciences (African American, Hispanic/Latino, Native American, Native Alaskan, Native Pacific Islander). | Admission to the program is competitive and preference will be given to students who are currently sophomores or juniors. | A stipend of \$3,500, and meals/housing in the University of Utah dormitories will be provided to all participants. Travel costs are provided for out-of-state students. A number of group activities will be coordinated by the programs to introduce students to and facilitate exploration of the unique Utah landscape. Students are expected to work full-time in the research laboratory for the duration of the program. For more information, visit the website. |
| University of Washington (Washington) | neural-inspired sensorimotor devices | The Center for Sensorimotor Neural Engineering (CSNE) is offering a Research Experience for Undergraduates (REU). Hosted by the University of Washington, this 10-week program provides an opportunity for undergraduate students to contribute to research under the guidance of a faculty mentor, participate in workshops on ethics, communication skills, and gain scientific presentation skills designed to a solid foundation for graduate study. | <ul style="list-style-type: none"> ☑ Currently enrolled at a college or university in the United States. ☑ U.S. citizen or a permanent resident. ☑ Able to devote 40 hours per week to the program. ☑ Not enrolled in classes or have other employment commitments during the day. ☑ Attend weekly communication classes, lectures, seminars, focus groups, and workshops sponsored by the program. | Students will receive a \$5,000 stipend for their participation, in addition to travel support (\$750 maximum). Housing will be provided on the University of Washington campus no cost. For more information, visit the website. If you have additional questions, please contact Dr. Lise Johnson. |
| University of Wisconsin-Madison (Wisconsin) | | Students in the Integrated Biological Sciences Summer Research Program (IBSSRP) will conduct independent research under the guidance of a faculty mentor in one of seven research areas: <ul style="list-style-type: none"> ☑ Biochemistry/Biophysics ☑ Bioenergy ☑ Cellular and Molecular Biology ☑ Computational Biology and Biostatistics ☑ Ecology, Plants, and Environmental Systems ☑ Neurobiology ☑ Virology In addition, students will prepare research proposals, final papers, and a verbal presentation summarizing their work. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate of sophomore to senior standing. ☑ U.S. citizen or permanent resident. ☑ Academic minimum: 3.0 GPA. ☑ Strong interest in a career in biological sciences. <p>*Note: Women, minority students, disabled students, and those attending small colleges with limited research facilities are strongly encouraged to apply.</p> | Students will receive a \$5,500 stipend for participation in the 10-week program, full travel support, housing, health insurance (if needed), and a partial food allowance. For more information, visit the website. |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| University of Wisconsin-Madison (Wisconsin) | Microbiology | The University of Wisconsin-Madison's Research Experience for Undergraduates in Microbiology (REUM) program allows students to conduct research under the direction of a faculty member and work as part of a team in the investigation of fundamental problems in microbiology and molecular biology. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate (preferably of junior or senior standing) majoring in the biological sciences. ☑ U.S. citizen or permanent resident. ☑ Strong interest in a career in biological research. <p>*Note: Women, minority students, disabled students, and those attending small colleges with limited research facilities are encouraged to apply.</p> | Students will receive a \$4,500 stipend for 10 weeks of full-time research. On-campus housing is provided, as well as a modest allowance for meals. For more information, visit the website. If you have additional questions, please send an email to Dr. Jon T. Roll. |
| University of Virginia (Virginia) | Biomedical Research | The University of Virginia School of Medicine offers summer research internship opportunities to qualified college undergraduates considering a career in biomedical research. The program targets, but is not limited to, racially and ethnically diverse students in their junior and senior years. The program's goals are to expose undergraduates to laboratory research and to familiarize them with the opportunities that exist for careers in biomedical research. Presentations and panel talks from our graduate students, along with free GRE tutorials, help Summer Research Internship Program (SRIP) interns successfully navigate the graduate school application process. | ☑ Currently enrolled junior or senior undergraduate. | Students will receive a \$4,590 stipend, travel compensation, as well as on campus housing. For more information, visit the website. If you have additional questions, please send an email to the program. |
| Upstate Medical University (New York) | Biomedical | The aim of the SURF program is to expose undergraduate students to biomedical research. In an intensive ten-week summer program, undergraduates with appropriate faculty help will formulate their own proposal, carry out research under the supervision of one of our faculty, write a research paper and have the opportunity to see their work published. In the process, students will attend research seminars, present their work, and participate in discussions on alternative careers in research and how to apply to graduate school. Students are given ample opportunities to interact directly with many of our faculty and graduate students. | Applicants to the program should be undergraduate students in good academic standing, who will be between their junior and senior years during the summer of 2015, and are majors in chemistry, biology, or a related field. Applicants must have a strong interest in pursuing a Ph.D. degree in biomedical research. The main criteria for the selection of fellows will be personal scholarship, academic excellence, and the match of applicant interests with those of participating SUNY Upstate Medical University biomedical faculty members. International students who currently have a J-1 or F-1 visa, and who are already attending school in the United States, are eligible to apply. | Each fellow will be provided a \$3,000 stipend for the period plus housing. For more information, visit the website. |
| Vanderbilt University (Tennessee) | Biomedical and Clinical Research | The Vanderbilt Summer Science Academy (VSSA) brings together all undergraduates conducting biomedical research at Vanderbilt University School of Medicine over a 9-week period. Each student has an independent research project for which they have the opportunity to present their findings at the Summer Symposium at the end of the program. The VSSA offers research seminars, a GRE preparatory course, as well as social activities for those undergraduates engaged in research on our campus during the summer. | <ul style="list-style-type: none"> ☑ Strong desire to pursue an advanced degree (PhD or MD/PhD). ☑ Academic minimum: 3.0 GPA. | Students will receive between a \$2,500-\$4,000 stipend as well as a possible housing supplement, depending on the program. For more information, visit the website. If you have additional questions, please send an email to Dr. Michelle Grundy. |
| Virginia Commonwealth University (Virginia) | Links to Pre-medical and Life Sciences research Opportunities | The Health Educational Research Opportunities (HERO) Program, sponsored by the National Heart, Lung, and Blood Institute, provides 10- week summer research experiences for undergraduate students and first-year medical or dental students. Students have an opportunity to work with VCU faculty on research projects that focus on diseases of the heart, blood vessels, lung and blood, blood resources, and sleep disorders. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate student of at least freshmen standing OR first-year medical or dental student. ☑ Currently enrolled at a 2-year or 4- year institution. ☑ Previous research experience preferred. | For more information, visit the website. If you have additional questions, please send an email to the program. |
| 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 an 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. |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| 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 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. | 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. 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. | Visit the website for more information. |
| Washington State University (REU) | Atmospheric Research | The REU program goal is to provide undergraduate students in engineering 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 with atmospheric chemistry measurements and modeling. Students will work on research projects ranging from air quality measurements in the laboratory or during field campaigns to running large scale air quality models. Each student will have a primary instrument, dataset or model they use during the summer. Students may work in collaborative teams with faculty and graduate students or more independently to accomplish specific research goals. | Participants must be currently registered at a two or four year college, and may not have received their Bachelor's degree prior to July 2015. Women, members of demographic groups traditionally underrepresented in engineering, and students from community colleges or institutions that do not offer research opportunities for undergraduates are particularly encouraged to apply. You must be a U.S. Citizen or permanent resident in order to receive NSF funding. Students at all levels of their undergraduate work are sought for this program, and majors such as civil engineering, environmental engineering, as well as students from chemistry, physics, math, and other technical majors are encouraged to apply. | A stipend of \$5,000 for the 9.5 week session and free housing Travel assistance for travel to and from Pullman, WA We will provide housing in an off campus facility, with a shared kitchen and recreation facilities for all students. For more information, visit the website. |
| Washington State University (SURE) | Biomedical | The goal of WSU SURE is to provide undergraduate students in the life sciences 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 with biomedical research. | Participants must be currently registered at a two or four year college, and may not have received their Bachelor's degree prior to July 2015. Applicants must have a cumulative GPA of at least 2.75 and should be planning to pursue an MD, PhD or a PhD in the biomedical sciences. Women, members of demographic groups traditionally underrepresented in the sciences, and students from community colleges or institutions that do not offer research opportunities for undergraduates are particularly encouraged to apply. | *A stipend of \$4,500 for the 9 week session and free housing *Travel assistance up to \$500 for travel to and from Pullman, WA We will provide housing in an off campus facility, with a shared kitchen and recreation facilities for all students. For more information, visit the website |
| Washington University in St. Louis (Missouri) | | The Division of Biology and Biomedical Sciences (DBBS) at WUSL offers 3 summer research programs for undergraduate students. The three programs include the Amgen Scholars Program, Biomedical Research Apprenticeship, and the Summer Research- Early Identification Program. All of these programs are designed to prepare undergraduate students for admission and the rigor of top tier PhD and MD/PhD programs. | <input checked="" type="checkbox"/> Currently enrolled undergraduate student. <input checked="" type="checkbox"/> U.S. citizen or permanent resident. <input checked="" type="checkbox"/> Previous research experience is encouraged. | Students will receive a stipend, travel compensation, and on-campus housing. For more information, visit the website. If you have additional questions, please send an email to the program. |
| Washington State University (Vancouver, Oregon) | LANDSCAPE ECOLOGY AND ECOSYSTEM DYNAMICS | Welcome! Our summer program engages current undergraduates from around the Vancouver, Washington/Portland, Oregon region in high-quality research in the Columbia River Basin. You'll study both aquatic and terrestrial habitats to examine how biotic and abiotic drivers influence ecosystem dynamics across the aquatic-terrestrial gradient in this dynamic, and iconic, landscape. This nine-week summer research experience takes place at Washington State University Vancouver on our beautiful 350-acre Salmon Creek campus, approximately 5 miles from downtown Vancouver and 15 miles from downtown Portland. | *Completion of one year of undergraduate study by June 2015, at a two- or four-year institution of higher education. *Successful completion of at least one college-level science course with lab by June 2015. *Commitment to continuing in undergraduate study for at least one more term following the summer experience, at either a two- or four-year institution. *A cumulative GPA of 3.0 or better for all undergraduate coursework. Confirmed residence within one hour's drive from the WSU Vancouver campus for the entire nine-week summer session. *US citizen or permanent resident. | We offer a \$4,725 summer stipend, plus commuting and meal expenses, and participation in several two-day field trips to locations across the Columbia River Basin. All participants are expected to have their own local housing in the area for the duration of the program. For more information, visit the website. |
| Weill Cornell Graduate School of Medical Sciences (New York) | Biomedical | The Access Summer Research Program at Weill Cornell Graduate School of Medical Sciences (WCGS) is designed to train underserved college students in the biomedical sciences. Students will perform hands-on research in a biomedical research laboratory under the guidance of a faculty member. In addition to gaining laboratory experience, students will attend lectures aimed at enhancing their understanding of the current status of biomedical research, the pathways available for entering research careers, and the range of available career opportunities. Students will also participate in weekly journal clubs, attend career development workshops, and take part in social activities. | <input checked="" type="checkbox"/> U.S. citizen or permanent resident. <input checked="" type="checkbox"/> Underserved student. <input checked="" type="checkbox"/> Currently enrolled undergraduate student who has excelled in their sophomore or junior year of college. | Students will receive a \$3,000 stipend for participating in the 10-week program and up to \$300 in travel expenses. On-campus housing is provided to those who are not from the New York City area. *Applicants must have individual medical insurance for the duration of the program. For more information, visit the website. If you have additional questions, please send an email to Francoise Freyre. |

| Program Sponsor | Focus | Description | Eligibility | Compensation / For More Information |
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| Woods Hole Oceanographic Institute | ocean sciences, oceanographic engineering, mathematics, or marine policy | Fellowship recipients have the opportunity to attend and participate in a busy schedule of talks, seminars and a hands-on, one-day, ocean sampling cruise onboard the R/V Tioga focusing on data collection and sampling methods with advanced oceanographic technology and instruments. The cruise is especially designed for Fellows and not only provides practical training but also brings the group together socially through a shared field experience. | <p>Summer Student Fellowships are awarded to undergraduate students who will have completed their junior year at colleges or universities by the start of the fellowship period. Preference is given to students studying in any of the fields of science or engineering including but not limited to the fields of biology, chemistry, engineering, geology, geophysics, mathematics, meteorology, physics, oceanography, and marine policy. Students must have at least a tentative interest in the ocean sciences, oceanographic engineering, mathematics, or marine policy. Through the Summer Student Fellowship program, WHOI's aim is to provide promising students with a meaningful first-hand introduction to research in oceanography, oceanographic engineering, or marine policy.</p> <p>Persons from underrepresented groups are encouraged to apply. WHOI actively recruits underrepresented minorities in ocean science as defined by the National Science Foundation.</p> | <p>Summer Student Fellowship awards for the summer of 2015 carry a stipend of \$562.50 per week for a ten- to twelve-week program.</p> <p>Travel Additional support is offered to help offset the cost of round-trip travel to Woods Hole. The 2015 travel allowance is \$600.</p> <p>Housing Fellowship awards include Institution housing WHOI housing is typically a shared-room in a shared-unit, with two single beds per room. For more information, visit the website.</p> |
| Wright State University (Ohio) STREAMS | Premed | <p>The Short-Term Training Program to Increase Diversity in Health-Related Research (STREAMS) program can help put you on the road to a career in biomedical sciences research. Funded by the National Heart, Lung, and Blood Institute of the National Institutes of Health, STREAMS encourages members of underrepresented minority groups and students with disabilities to choose careers in cardiovascular-related research.</p> <p>As a STREAMS participant, you will spend 80 percent of your time in the program doing laboratory research under the supervision of a faculty mentor. You will also gain valuable experience reading papers from the primary literature, presenting scientific talks, and exploring the social and ethical implications of scientific research.</p> | <p>To be considered for admission into the STREAMS program, an applicant must:</p> <ul style="list-style-type: none"> *Be a United States citizen or permanent resident *Have successfully completed one year at an accredited school or university *Be a member of an underrepresented minority group *Be a college student at the undergraduate or master's level *Be in good academic standing | <p>STREAMS participants receive a stipend of \$400 per week, plus travel expenses and free housing in a university apartment. For more information, visit the website.</p> |
| Yale University (Connecticut) | Biomedical | The Biomedical Science Training and Enrichment Program (BioSTEP) program offers summer research experience for undergraduate students. Trainees will conduct 10 weeks of research under the guidance of a faculty mentor in laboratories and training sites at Yale School of Medicine and the West Haven Veterans Administration Medical Center. | <ul style="list-style-type: none"> ☑ Currently enrolled undergraduate student. ☑ U.S. citizen or permanent resident. ☑ Completed introductory chemistry and biology. <p>*Note: Students from groups traditionally underrepresented in the biomedical sciences at research-intensive universities are particularly encouraged to apply.</p> | <p>Participants will receive a \$4,500 stipend for participating in the 10-week program. Housing and roundtrip travel is also provided. For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p> |
| Yale University, Summer medical and Dental Education Program | Premed | Yale SMDEP Student Yale SMDEP exposes students to an academic and learning environment very similar to what they would encounter as a first-year medical student at Yale School of Medicine. It is an intensive program of study which encompasses diverse topics in biomedical science. In both classroom and seminar settings, teachers cover topics in basic and clinical sciences as well as highly individualized instruction in writing and communication skills. | Review application for requirements. | 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. | <p>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.</p> |