|  |  |  |
| --- | --- | --- |
| **Deadline** | **Research Opportunity** | **Research Information** |
| **First come first serve, open now** | Cornell Center for Materials Research | The Cornell Center for Materials Research is offering a Research Experience for Undergraduates (REU). Students will have the opportunity to work directly with faculty on interdisciplinary materials research projects involving chemistry, physics, materials science, and engineering disciplines.

|  |
| --- |
| <https://www.ccmr.cornell.edu/REU><http://www.ccmr.cornell.edu/education/graduate-and-undergraduate-programs/research-experience-for-undergraduates-reu/> |
|  |  |

 |
| **Opens Jan. 2020** | The Research Experience for Undergraduates Program in Systematics and Evolutionary Biology | Our program brings approximately eight students to the American Museum of Natural History in New York City each summer for a ten-week experience working with our curators, faculty, and post-doctoral fellows.  Research projects span diverse fields of comparative biology including paleontology, genomics, population biology, conservation biology, and phylogenetics and taxonomy. <https://www.amnh.org/research/richard-gilder-graduate-school/academics-and-research/fellowship-and-grant-opportunities/undergraduate-fellowships/reu-biology-program> |
| **Opens Jan. 2020** | The Research Experience for Undergraduates Program in Physical Sciences (Earth and Planetary Sciences and Astrophysics) | The AMNH Division of Physical Sciences, in collaboration with the City University of New York (CUNY), is pleased to offer summer undergraduate research opportunities in Astrophysics and Earth and Planetary Sciences. Our program brings approximately eight students to the American Museum of Natural History in New York City each summer for a ten-week experience working with our curators, faculty, and post-doctoral fellows<https://www.amnh.org/research/richard-gilder-graduate-school/academics-and-research/fellowship-and-grant-opportunities/undergraduate-fellowships/reu-physical-sciences-program> |
| Jan. 11, 2020 |  Summer Medical and Research Training (SMART) ProgramBaylor College of Medicine | The Summer Medical and Research Training (SMART) Program was developed to provide frontier-level, biomedical summer research projects for undergraduates in a supportive environment with supplemental educational activities.<https://www.bcm.edu/><https://www.bcm.edu/education/schools/graduate-school-of-biomedical-sciences/programs/diversity/smart> |
| Jan. 13, 2020 | TUNL/Duke REU Program: Undergraduate Research in Nuclear Physics and Particle Physics at TUNL and Duke University | The REU program at TUNL/Duke enables students to participate in research at the frontiers of nuclear and particle physics. <http://www.tunl.duke.edu/web.tunl.2011a.reu.php><http://www.tunl.duke.edu/web.tunl.2011a.reu.app.overview.php> |
| Jan. 15, 2020 | Cold Spring Harbor Laboratory | The Undergraduate Research Program (URP) at Cold Spring Harbor Laboratory (CSHL) provides an opportunity for undergraduate scientists from around the world to conduct first-rate research. Students learn the scientific process, technical methods and theoretical principles, and communicate their discoveries to other scientists. Approximately 20 students come to CSHL each summer for the 10-week program, living and working in the exciting Laboratory environment.The 2020 URP Program will be held Monday, June 10–Saturday, August 8, 2020.<https://www.cshl.edu/education/undergraduate-research-program/> |
| Jan. 24, 2020 | CLASSE and CBB Research Experience for Undergraduates (REU)Cornell University | The National Science Foundation (NSF) has renewed their grant for a Research Experience for Undergraduates program in the Cornell Laboratory for Accelerator-based Sciences and Education (CLASSE), which encompasses accelerator-physics research and X-ray science. In addition, undergraduates can apply to our Center for Bright Beams (CBB) summer program for Underrepresented Groups and do exciting research in the science of Bright Beams. Approximately twelve CLASSE and five CBB science and engineering students from around the country will be invited to participate in research at the Laboratory.<https://www.classe.cornell.edu/WebHome.html><https://www.classe.cornell.edu/StudentOpportunities/ReuProgram.html> |
| Jan. 31, 2020 | Goldwater (Barry M.) Scholarship and Excellence in Education Program | The Goldwater Scholarship Program, one of the oldest and most prestigious national scholarships in the natural sciences, engineering and mathematics in the United States, seeks to identify and support college sophomores and juniors who show exceptional promise of becoming this Nation’s next generation of research leaders in these fields.<https://goldwater.scholarsapply.org/><https://goldwater.scholarsapply.org/steps-in-process/> |
| Jan. 31, 2020 | Mathematical and Theoretical Biology Institute Summer Research Program | MTBI is an intensive summer research experience that prepares undergraduate students for the rigors of graduate level research at the interface of mathematics, statistics, and the natural and social sciences. Select students are invited to Arizona State University for eight weeks, where their time is split between classroom instruction on research methods and hands-on research projects.

|  |
| --- |
| <https://www.asu.edu/> |
|  |

<https://mtbi.asu.edu/summerprogram> |
| Jan. 31, 2020 | APS/IBM Research Internship for Undergraduate Women and Underrepresented Minorities | The American Physical Society and IBM co-sponsor two undergraduate research internship programs: the APS/IBM Research Internship for Undergraduate Women, and the APS/IBM Research Internships for Underrepresented Minority Students. The goal of these internships is to encourage women and underrepresented minorities to pursue graduate studies in science and engineering.<https://www.aps.org/programs/women/scholarships/ibm/><https://www.aps.org/programs/women/scholarships/ibm/process.cfm> |
| Jan. 31, 2020 | REU Site in Climate Science at Colorado State UniversityEarth System Modeling and Education Institute (ESMEI) | ESMEI offers paid summer undergraduate research internships at Colorado State University in the Department of Atmospheric Science. Interns participate in a 10 week program from late May through early August.<http://kiwi.atmos.colostate.edu/esmei/reg/reu/> |
| Feb. 1, 2020 | Building Opportunities for Leadership & Development (BOLD) Immersion Program - North America | The Building Opportunities for Leadership and Development (BOLD) Immersion program gives students the opportunity to immerse themselves in a culture where great minds, cutting-edge technology and smart business intersect to make a difference — each and every day. Selected students will receive all-expenses-paid travel to one of Google's headquarters for up to one week in August.<https://buildyourfuture.withgoogle.com/programs/bold-immersion/#!?detail-content-tabby_activeEl=detail-north-america-content><https://buildyourfuture.withgoogle.com/programs/bold-immersion/#!?detail-content-tabby_activeEl=overview> |
| Feb. 1, 2020 | Nantucket Maria Mitchell Association | The Maria Mitchell Observatory (MMO) and the National Science Foundation (NSF) offer summer research opportunities in astronomy and astrophysics for students. Six summer internship positions will be available for qualified undergraduate astronomy and physics students.<https://www.mariamitchell.org/><https://www.mmo.org/get-involved/internships/reu> |
| Feb. 1, 2020 | UNMC Summer Undergraduate Research Program | Spend your summer in a state of the art research institution as a team member —using and expanding your scientific knowledge and skills, and learning more about health care and research options. Students will experience a 10-week full-time research placement, receive a stipend and attend enrichment seminars. |
| Feb. 1, 2020 | University Corporation for Atmospheric Research | SOARS, Significant Opportunities in Atmospheric Research and Science, is an undergraduate-to-graduate bridge program designed to broaden participation in the atmospheric and related sciences. The program is built around research, mentoring and community. SOARS participants, called protégés, spend up to four summers doing research in atmospheric and related sciences. SOARS offers comprehensive financial support for summer research, as well as undergraduate and graduate school funding. Over 90% of SOARS protégés have gone onto graduate school, and many have entered the workforce with a MS or gone on for their PhD.<https://www.soars.ucar.edu/apply><https://soars.ucar.edu/> |
| Feb. 1, 2020 | NSF Summer Research Experience for Undergraduates (REU): Integrative Biology at UC Berkeley, from Molecules to Ecosystems |

|  |
| --- |
| 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. <http://mcb.berkeley.edu/nsfreu/> |

 |
| Feb. 1, 2020 | Colorado State University | The Department of Biochemistry and Molecular Biology, with financial support from the National Science Foundation, offers qualified undergraduates from throughout the country the opportunity to conduct research projects in biochemistry and molecular biology for ten weeks each summer.<https://www.bmb.colostate.edu/><https://www.bmb.colostate.edu/reu-program-description/> |
| Feb. 1, 2020 | Leadership Alliance | SR-EIP is a fully paid summer internship that provides undergraduates with training and mentoring in the principles underlying the conduct of research and prepares them to pursue competitive applications to PhD or MD-PhD programs.SR-EIP offers closely mentored research experiences in the life and physical sciences, social and behavioral sciences, and the humanities at 20 research institutions across the country.<https://www.theleadershipalliance.org/><https://www.theleadershipalliance.org/programs/summer-research> |
| Feb. 1, 2020 | Rockefeller University | The Rockefeller University Summer Undergraduate Research Fellowship (SURF) program provides a unique opportunity for undergraduates to conduct laboratory research. SURF students work with leading scientists in a broad range of areas including biochemistry; structural biology and chemistry; molecular, cell and developmental biology; immunology; virology and microbiology; neuroscience; physics; and mathematical biology.<https://www.rockefeller.edu/education-and-training/surf/><https://www.rockefeller.edu/education-and-training/surf/application-information/> |
| Feb. 1, 2020 | Florida International University | The REU program serves as an excellent opportunity for REU students to participate in many aspects of a scientific research program through a set of well planned and focused activities that will ramp up student skills, knowledge for research, communication and presentation skills.<http://it2.fiu.edu/IT2_REU/IT2_REU_schedule.php><http://it2.fiu.edu/IT2_REU.php> |
| Feb. 2, 2020 | Jackson Laboratory | The Summer Student Program is designed for students who want to immerse themselves in genetics and genomics research. It emphasizes laboratory discovery, communication of knowledge, and professional growth. The Summer Student Program is available at The Jackson Laboratory in Bar Harbor, Maine and The Jackson Laboratory for Genomic Medicine in Farmington, Connecticut. All students receive a stipend of $6,000 for the 10-week program, including room and board at Highseas (Maine program) or at the University of St. Joseph (Connecticut program).<https://www.jax.org/education-and-learning/high-school-students-and-undergraduates/learn-earn-and-explore><https://www.jax.org/education-and-learning/high-school-students-and-undergraduates/learn-earn-and-explore/admission> |
| Feb. 3, 2020 | Amgen Scholars Program at NIHNational Institutes of Health/DHHS |  The Amgen Scholars Program at NIH is a partnership between the Amgen Foundation, the Foundation for the NIH, and the NIH Office of Intramural Training & Education. Amgen Scholars at NIH will spend the summer working at NIH's main campus in Bethesda, Maryland side-by-side with some of the world's leading scientists, in an environment devoted exclusively to biomedical research. <https://www.training.nih.gov/amgenscholars> |
| Feb. 3, 2020 | Johns Hopkins University | The JHU BioREU is a Research Experiences for Undergraduates Site funded by the National Science Foundation. The 10-week summer program is designed to provide an intensive, mentored research experience for undergraduates, especially those attending institutions with limited research opportunities.<https://bio.jhu.edu/undergraduate/undergraduate-research/jhu-bioreu/> |
| Feb. 3, 2020 | National Solar Observatory (NSO) | NSO is one of eight institutes that make up the Boulder Solar Alliance Research Experience for Undergraduates program, which is led by CU Boulder’s Laboratory for Atmospheric and Space Physics. Each summer, up to 25 students from across the country are placed at one of the eight research institutes across Boulder for 10 weeks, where they conduct research-level investigations on a range of space based topics. NSO generally accepts between three and eight students each summer. In this way, students get the personalized attention of a small cohort at NSO, as well as the benefits of the large cohort support network from the Boulder-wide program. <https://www.nso.edu/students/reu/> |
| Feb. 3, 2020 | Stowers Institute for Medical Research | The Stowers Summer Scholars Program offers undergraduate students the opportunity to become immersed in a research topic for a full-time ten-week period and experience firsthand the intellectual and collaborative spirit of research. Hands-on research for undergraduate students currently pursuing a degree in the biological and physical sciences are available during the academic year<https://www.stowers.org/education><https://www.stowers.org/gradschool/scholars> |
| Feb. 3, 2020 | American Association of Physicists in Medicine | The American Association of Physicists in Medicine (AAPM) Summer Undergraduate Fellowship Program is 10 week summer program designed to provide opportunities for undergraduate university students to gain experience in medical physics by performing research in a medical physics laboratory or assisting with clinical service at a clinical facility. The term of the fellowship is May - September. The mentor and Fellow will determine the exact 10 week schedule. In this program, AAPM serves as a clearinghouse to match exceptional students with exceptional medical physicists, many who are faculty at leading research centers. Students participating in the program are placed into summer positions that are consistent with their interest. Students are selected for the program on a competitive basis to be an AAPM summer fellow. Each summer fellow receives a $5,000 stipend from AAPM. The stipend is based upon an expectation of 40-hour per week effort for 10 weeks.<https://www.aapm.org/><http://gaf.aapm.org/index.php> |
| Feb. 3, 2020 | [Stone Lab’s Research Experience for Undergraduates (REU) Scholarship Program](https://spin.infoedglobal.com/Program/Detail/070318?historyProgramId=637085136489846623) | Stone Lab’s Research Experience for Undergraduates (REU) Scholarship Program is a competitive comprehensive research internship that attracts students from across the country to learn how to conduct real, in-the-field research alongside top scientists. Over six weeks, participants use scientific equipment, explore the Lake Erie islands, and collect important data to help solve the most pressing issues for the Great Lakes region.<https://www.osu.edu/><https://ohioseagrant.osu.edu/research/reu> |
| Feb. 3, 2020 | National Center for Atmospheric Research | The University of Colorado invites undergraduates to apply for a paid summer research experience for highly motivated students interested in solar and space physics. |
| Feb. 5, 2020 | Physical Sciences | The Research Experiences for Undergraduates (REU) program, funded by the National Science Foundation (NSF), offers paid summer internships for qualified undergraduate students to conduct research projects with AMNH scientists in either evolutionary biology or physical sciences. Students receive a generous stipend and living and transportation expenses; housing is provided at nearby Columbia University. In addition to hands-on research, students participate in a series of weekly meetings at which they discuss their research, present informal progress reports, and engage in discussions and seminars regarding scientific research, graduate school, and research career opportunities. At the conclusion, they deliver oral presentations of their work and prepare publication quality research papers.<https://www.amnh.org/research/richard-gilder-graduate-school/academics-and-research/fellowship-and-grant-opportunities/undergraduate-fellowships> |
| Feb. 7, 2020 |  Plant Genome Research Program (PGRP) Summer InternshipsBoyce Thompson Institute for Plant Research |  Undergraduate students are invited to participate in the Plant Genome Research Program (PGRP) Summer Internships program and learn how basic plant research can be applied to protect the environment, enhance human health, and improve agriculture. PGRP interns gain knowledge of plant genomics and scientific research by working closely with scientists, postdoctoral fellows, and graduate students in a laboratory setting. PGRP interns learn the latest molecular biology techniques and bioinformatics tools while working on a supervised, independent research project within the framework of the assigned laboratory’s research program.<https://btiscience.org/education-outreach/internships/><https://btiscience.org/education-outreach/internships/apply-for-an-internship/> |
| Feb. 7, 2020 | Columbia University | Nevis Laboratories gives undergraduates from schools around the country the opportunity to experience cutting-edge scientific research as part of an ongoing experimental high-energy physics and astrophysics program. The REU program will provide a stipend of $6,000 to each student.<https://www.nevis.columbia.edu/reu/> |
| Feb. 10, 2020 | Brigham Young University | Undergraduates and secondary school teachers interested in participating in a 10-week summer physics research program at Brigham Young University are invited to apply. There are exciting opportunities in a number of areas including optics (using lasers of all kinds including ultrashort pulse and UV lasers), computer modeling, plasmas, solid state and thin film science, acoustics, theory, and astronomy. Undergraduate participants will receive a $5,000 stipend, round-trip travel expenses to Provo, Utah, housing, and a food stipend. In addition, selected students will be funded to travel to a regional meeting of the American Physical Society to give a presentation on their research results.<https://reu.byu.edu/apply.php> |
| Feb. 12, 2020 | California State University, San Bernardino | The principal goal of the REU in mathematics at CSUSB is to provide promising undergraduate math majors with a meaningful, exciting and challenging experience in mathematical research. During the eight-week residential program students will carry out guided independent and collaborative research. <https://www.math.csusb.edu/reu/apply.php><https://www.math.csusb.edu/reu/> |
| Feb. 13, 2020 | Grand Valley State University | Each summer, the Mathematics Department at Grand Valley State University invites eight students from across the country to participate in the REU program.<https://www.gvsu.edu/><https://www.gvsu.edu/mathreu/> |
| Feb. 14, 2020 | University of Kansas | The Department of Pharmaceutical Chemistry at the University of Kansas offers a ten-week Summer Undergraduate Research Program.<http://pharmchem.ku.edu/undergraduate-research-programs><https://deptsec.ku.edu/~pharmchem/forms/form/1> |
| Feb. 14, 2020 | MDI Biological Laboratory’s REU | The MDI Biological Laboratory’s REU program aims to engage students in scientific explorations in the Laboratory’s research focus area, Comparative Regenerative Biology and Aging, while providing them with opportunities to build skills important to successful careers in the biological sciences. Research opportunities focus on uncovering basic cellular and molecular mechanisms underlying regenerative and aging processes in various animal model systems, including zebrafish, nematodes, axolotls, and mice.<https://mdibl.org/education/undergraduate-opportunities/reu/> |
| Feb. 14, 2020 | University of Minnesota Duluth | The University of Minnesota Duluth Department of Mathematics REU Mathematics Research Program provides an opportunity for nine undergraduate students to learn firsthand the nature of mathematical research. The participants will conduct independent investigations, under the guidance of experienced researchers, on problems in combinatorics, number theory, and graph theory.<https://www.d.umn.edu/~jgallian/announce20.html><https://www.d.umn.edu/~jgallian/REU.html> |
| Feb. 14, 2020 | University of California, Davis | The NSF-funded Research Experiences for Undergraduates program in the UC Davis Physics Department will continue in summer 2020. During the 10-week program students work alongside faculty and graduate students on ongoing research projects, providing a view of physics very different from typical coursework. The program strongly encourages interactions among participants, for example through field trips and shared housing.<https://london.physics.ucdavis.edu/~reu/application.html><https://london.physics.ucdavis.edu/~reu/reu.html> |
| Feb. 15, 2020 | Indiana University | The Indiana University Department of Physics will offer summer research positions to outstanding undergraduate students majoring in physics. The participants will gain direct research experience by working in ongoing experimental or theoretical research programs in accelerator physics, biophysics, condensed matter physics, elementary particle and high energy physics, medical physics, and nuclear physics in projects supervised by Indiana University faculty and senior scientific staff. All students attend weekly seminars on current research in physics and will participate in professional development discussions and activities. At the completion of the Summer Program, each student will present the results in a seminar at a closing Symposium and will be encouraged to develop other means to share the results of their research (conference abstract or poster presentation, technical report, research article, etc).<https://reu.physics.indiana.edu/general_info.php><https://reu.physics.indiana.edu/index.shtml> |
| Feb. 15, 2020 | University of Massachusetts Amherst | The University of Massachusetts Amherst’s Collaborative Undergraduate Research in Energy (CURE) Program offers American undergraduate students a ten-week research internship in the science behind renewable energy, in a true collaborative team environment.<https://www.umass.edu/chemistry/undergraduate-students/reusinternships><https://elements.chem.umass.edu/reu/> |
| Feb. 15, 2020 | University of Chicago | The University of Chicago Summer Research Experiences for Undergraduates (REU) Program in Physics, supported by the National Science Foundation offers undergraduates (members of underrepresented minority groups (African-Americans, Hispanics, and Native Americans) and women) the opportunity to gain research experience working in the laboratory or research group of a Physics Department faculty member. The program is particularly intended at encouraging participation by members of underrepresented minority groups (African-Americans, Hispanics, and Native Americans) and women. Supplementing this valuable practical experience, faculty and graduate students present special lectures to provide an overview of the wide-ranging research conducted in our Department. Ten to fifteen internships will be awarded for the ten-week program, June 15 through August 22, 2020. The stipend for the full ten-week program will be $5,000. Housing will be provided, and there will be modest travel expense reimbursement.<https://physics.uchicago.edu/research-experiences-for-undergraduates/><https://physics.uchicago.edu/> |
| Feb. 15, 2020 | Kent State University | The Department of Mathematical Sciences at Kent State University will run an NSF-funded REU program from June 3 through July 26, 2019. Students will work on projects arising naturally in KSU faculty's research. The emphasis of the program is on independent work under close supervision of the project advisor.<http://www.math.kent.edu/~soprunova/reu/index.html><https://www.kent.edu/math> |
| Feb. 15, 2020 | Syracuse University | Research Experience for Undergraduates gives undergraduates the opportunity to join research projects for the summer. This allows students to experience first-hand how basic research is carried out and to contribute consequentially.<http://chemistry.syr.edu/undergraduate/How-To-Apply.html><http://chemistry.syr.edu/undergraduate/reu.html> |
| Feb. 15, 2020 | University of Virginia | The Blandy Experimental Farm provides an Undergraduate Research Fellowship to students interested in ecology and environmental science. The primary goal is to teach students to formulate testable hypotheses about important ecological and evolutionary questions. The format of the program encourages students to develop skills in experimental design, data collection, analysis, and critical reading of primary scientific literature. Students also learn to prepare and communicate scientific information to other scientists and the general public.<https://sites.google.com/site/blandyreu/apply><https://sites.google.com/site/blandyreu/home> |
| Feb. 15, 2020 | Texas A&M University | The REU summer research program focuses on interdisciplinary projects in sustainable chemistry. In our program, students become full members of a research group, carrying out fundamental research on topics that span the chemical sciences. Students will participate in a Sustainable Chemistry workshop and professional development focused on Science Communication.<https://www.chem.tamu.edu/><https://www.chem.tamu.edu/reu/> |
| Feb. 15, 2020 | Biology | The Research Experiences for Undergraduates (REU) program, funded by the National Science Foundation (NSF), offers paid summer internships for qualified undergraduate students to conduct research projects with AMNH scientists in either evolutionary biology or physical sciences. Students receive a generous stipend and living and transportation expenses; housing is provided at nearby Columbia University. In addition to hands-on research, students participate in a series of weekly meetings at which they discuss their research, present informal progress reports, and engage in discussions and seminars regarding scientific research, graduate school, and research career opportunities. At the conclusion, they deliver oral presentations of their work and prepare publication quality research papers.<https://www.amnh.org/research/richard-gilder-graduate-school/academics-and-research/fellowship-and-grant-opportunities/undergraduate-fellowships> |
| Feb. 15, 2020 | National Energy Technology Laboratory Professional Internship Program | The Professional Internship Program is designed to introduce undergraduate and graduate students to the challenges of conducting energy research. It is an opportunity to network with world-class scientists using state-of-the-art equipment and to expand students’ knowledge in their field of study while exposing them to new areas of basic and applied research.<https://www.orau.gov/netl/programs/index.html><https://www.orau.gov/netl/programs/pip.html> |
| Feb. 15, 2020 | Georgia Institute of Technology | Aquatic Chemical Ecology (ACE) at Georgia Tech is a ten-week summer research program supported by the National Science Foundation REU (Research Experience for Undergraduates) program. ACE at Georgia Tech gives students the opportunity to perform exciting research with faculty in the schools of Biology, Earth & Atmospheric Sciences, Chemistry & Biochemistry, Civil & Environmental Engineering, and Chemical & Biomolecular Engineering. <http://www.biology.gatech.edu/undergrad/reu> |
| Feb. 16, 2020 | Johns Hopkins University | The REU program in Computational Sensing and Medical Robotics (CSMR) is an intensive, ten-week program of laboratory research and instruction, beginning at the end of May and concluding in early August. Projects are available in Electrical and Computer Engineering, Mechanical Engineering, Biomedical Engineering and Computer Science. Students are awarded a $5,000 stipend and are given housing for the summer.<https://lcsr.jhu.edu/wp-content/uploads/sites/48/2019/12/Project-List-2020.pdf><https://lcsr.jhu.edu/reu/> |
|  |  |  |
| Feb. 17, 2020 | University of Notre Dame | The Department of Physics at the University of Notre Dame College of Science provides opportunities for undergraduate students to experience hands-on participation in research in many areas of Physics. Students are granted a stipend (currently, $5,400), university housing, and assistance with travel. <https://physics.nd.edu/research/reu/><https://physics.nd.edu/> |
| Feb. 17, 2020 | University of Illinois at Urbana-Champaign | The Physics Department at the University of Illinois hosts a 10-week NSF-sponsored Summer Research Experience for Undergraduates (REU) providing undergraduates the opportunity to conduct research under the supervision of world-class researchers.<https://physics.illinois.edu/research/reu/><https://physics.illinois.edu/> |
| Feb. 17, 2020 | Whitney Laboratory | The Whitney Laboratory Research Experience for Undergraduate program (REU), funded by the National Science Foundation, offers an exceptional opportunity for the motivated undergraduate to participate in scientific research.<https://www.ufl.edu/><http://reu.whitney.ufl.edu/> |
| Feb. 19, 2020 | Oregon State University | The purpose of the program is to give ten motivated and talented students an opportunity to learn the process of doing research in mathematics and theoretical computer science and to learn more about these areas as a discipline and profession.<http://math.oregonstate.edu/~math_reu/apply.html><http://math.oregonstate.edu/~math_reu/index.html> |
| Feb. 20, 2020 | Georgetown University | The Department of Physics is offering a 10-week summer research program for undergraduate students to engage in a focused research project in materials physics, working closely with a faculty mentor and other researchers. Taking advantage of Georgetown's location in the nation's capital, this REU program will also feature a science-and-society component to encourage students to explore the connection between scientific research and the world outside the laboratory. In addition, REU participants will join other physics and chemistry undergraduates in a variety of professional development workshops and social and networking activities.<https://physics.georgetown.edu/reu> |
| Feb. 21, 2020 | Madison (James) University | James Madison University (JMU) has been chosen for a National Science Foundation Research Experiences for Undergraduates (REU) site in mathematics. All interested undergraduates (who are US citizens or permanent residents) are encouraged to apply for this eight week program, in which students will work in groups of 2-4 under the supervision of their faculty mentors. Housing and a $4,500 stipend are supplied, as well as full use of university facilities and travel expenses.<https://www.jmu.edu/mathstat/reu/> |
| Feb. 23, 2020 | Mudd (Harvey) College | The Harvey Mudd College Department of Computer Science offers an exciting Research Experience for Undergraduates site in the areas of artificial intelligence (robotics and music software) and computer systems with funding from the National Science Foundation. The projects are intellectually stimulating and will give students an opportunity to meaningfully participate in current research.<http://www.cs.hmc.edu/reu/structure/> |
| Feb. 27, 2020 | Cornell University | The Department of Mathematics at Cornell University offers a Research Experiences for Undergraduates (REU) and a Summer Program for Undergraduate Research (SPUR) during the summer.<https://math.cornell.edu/undergraduate-research><https://math.cornell.edu/> |
| Feb. 28, 2020 | University of Washington, Seattle | Selected undergraduates will participate in basic research during a ten-week summer program on the campus of the University of Washington. Each student will be matched with a faculty advisor. Students will spend the ten weeks working with the advisor and the advisor's group, and participating in a weekly lecture series on research opportunities in physics. At the end of the summer, students will prepare a short summary paper and make a presentation on their research efforts.<https://sites.google.com/uw.edu/uwreu/apply><https://sites.google.com/uw.edu/uwreu/home> |
| Feb. 28, 2020 | Auburn University | Auburn University welcomes applications for a summer REU in Algebra and Discrete Mathematics.<https://cws.auburn.edu/apspi/pm/mathreu> |
| Feb. 29, 2020 | Texas Commission on Environmental Quality | The program provides summer internship opportunities for college students to learn about environmental issues and gain professional experience. These paid, full-time summer internships, are held either at the TCEQ or in the private sector.<http://www.tceq.texas.gov/adminservices/employ/mickeyleland/index.html> |
| March 1, 2020 | National Institutes of Health/DHHS | The sponsor provides support for summer internships in biomedical research. Eligible applicants are U.S. citizens or permanent residents who are enrolled at least half-time in an accredited U.S. high school, college, or graduate school. Stipends vary by institution.<https://www.training.nih.gov/home><https://www.training.nih.gov/programs/sip> |
| March 1, 2020 | Michigan State University | The Lyman Briggs College at Michigan State University will be hosting a summer Research Experience for Undergraduates funded by the National Science Foundation and the National Security Agency in the summer of 2019. At least nine students will be selected to work with mathematics faculty from Lyman Briggs College, the Department of Mathematics, and the Department of Probability and Statistics. The research topics will include Random Fractals & Brownian Motion, Trees with Symmetries, and Combinatorial Games on Graphs. Each student will receive a stipend of $4000, on-campus housing, and a meal allowance. Travel money to support travel to the REU site and to conferences will be provided through generous support from the NSF, the NSA, and MSU.

|  |
| --- |
| <https://lbc.msu.edu/about/suriem.html> |

 |
| March 6, 2020 | University of Alabama in Huntsville | The University of Alabama in Huntsville (UAH) and NASA Marshall Space Flight Center (MSFC) will host a Research Experience for Undergraduates in the summer of 2020. Ten undergraduate students will be invited to Huntsville, Alabama for 10 weeks to engage in cutting edge heliophysics research with astrophysicists from UAH or NASA. The program will run from May 26 - July 31, 2020.<https://www.uah.edu/cspar/research/reu/apply><https://www.uah.edu/cspar/research/reu> |
| March 16, 2020 | Society of Physics Students | The Kirsten R. Lorentzen Award is an AWIS Educational Foundation program for female college sophomores and juniors studying physics, including space physics and geophysics, or geoscience. The award in the amount of $2,000 is given annually<https://www.spsnational.org/awards/scholarships><https://www.spsnational.org/> |
| April 15, 2020 | Barron Prize | The Gloria Barron Prize for Young Heroes celebrates inspiring, public-spirited young people from diverse backgrounds all across North America. Each year, the Barron Prize honors 25 outstanding young leaders ages 8 to 18 who have made a significant positive difference to people and the environment.<https://barronprize.org/apply/> |
| Opens August 3, 2020 | The Naval Research Enterprise Internship Program (NREIP) | The goals of NREIP are to encourage participating college students to pursue science and engineering careers, to further education via mentoring by laboratory personnel and their participation in research, and to make them aware of DoN research and technology efforts, which can lead to employment within the DoN.<https://nreip.asee.org/> |
| Opens August 3, 2020 | The Science and Engineering Apprenticeship Program (SEAP) | The goals of SEAP are to encourage participating high school students to pursue science and engineering careers, to further their education via mentoring by laboratory personnel and their participation in research, and to make them aware of DoN research and technology efforts, which can lead to employment within the DoN.<https://seap.asee.org/> |
|  |  |  |