Off-Campus Research Opportunities

**Name:** Transportation Security Laboratory Visiting Scientist Program

**Major(s):** STEM

**Description:** The Transportation Security Laboratory (TSL) Visiting Scientist Program is designed

to allow students and researchers across multiple disciplines and academic levels the opportunity for research training and education in the U.S. Department of Homeland Security mission-relevant science and technology at a one-of-a-kind federal research laboratory.

**Application Deadline:** Varies by opportunity

**Information Link:** <https://orise.orau.gov/tsl/>

**Application Link:** <https://orise.orau.gov/tsl/current-research-opportunities.html>

**Notes:** Multiple Opportunities with individual applications

**Name:** Big Data Summer Institute – University of Michigan

**Major(s):** Mathematics, Statistics, Computer Science

**Description:** The Big Data Summer Institute, a SIBS program, is an interdisciplinary training and

research program in biostatistics that introduces undergraduate students to the intersection of big data and human health — a rapidly growing field that uses quantitative analysis to help solve scientific problems and improve people’s lives.

**Application Deadline:** Waiting for more information

**Information Link:** <https://sph.umich.edu/bdsi/>

**Application Link:** <https://sph.umich.edu/bdsi/application.html>

**Notes:** Applications opens December 1, 2021

**Name:** NIEHS Scholars Connect Program

**Major(s):** STEM

**Description:** The NIEHS Scholars Connect Program (NSCP) is designed to provide a unique

opportunity for highly motivated science, technology, engineering, and math (STEM) focused undergraduate students to solidly connect with NIEHS and receive frontier-level training in biomedical research. Students in NSCP have an opportunity for hands-on mentored research experiences, as well as professional and personal development. The Program is committed to encouraging students to pursue careers in scientific investigation, both basic and clinical.

**Application Deadline:** Waiting for more information

**Information Link:** <https://www.niehs.nih.gov/careers/research/scholars/index.cfm>

**Application Link:**

**Notes:** Last year applications were due February 10, 2021

**Name:** Loyola Adventures in Urobiome Data (L.A.U.D.) Summer Research Program

**Major(s):** Biology, Statistics

**Description:** The Loyola Adventures in Urobiome Data (L.A.U.D.) summer research program will

introduce students to ways in which data is revolutionizing research in urinary disease research. Over the course of 8-weeks, summer researchers will gain exposure to current research areas in benign urologic disease, conduct hypothesis-driven research, and develop the skills to synthesize, interpret, and present their scientific research! Summer researchers will work with research faculty, postdoctoral and clinical fellows, medical and graduate students currently engaged in urinary research at Loyola University Chicago.

**Application Deadline:** Waiting for more information

**Information Link:** <https://ssom.luc.edu/luerec/administrative/laud/>

**Application Link:**

**Notes:** Last year applications opened January 1, 2021 and closed March 1, 2021

**Name:** ACS Bridge Program

**Major(s):** Chemistry, Biochemistry

**Description:** The American Chemical Society Bridge Program (ACS-BP) is an effort to increase

the number of chemical science PhDs awarded to underrepresented (UR) students defined by the project as primarily Black, Latinx, and Indigenous students. As part of a national effort, the Inclusive Graduate Education Network (IGEN), ACS-BP is doing this by creating sustainable transition (bridge) programs and a national network of doctoral-granting institutions that provide substantial mentoring for students to successfully complete PhD programs. The ACS-BP is modeled after the successful American Physical Society (APS) Bridge Program.

**Application Deadline:** June 1, 2022

**Information Link:** <https://tinyurl.com/yy9tarhz>

**Application Link:** <https://tinyurl.com/9wx8neee>

**Notes:**

**Name:** Repperger Research Intern Program

**Major(s):** STEM

**Description:** This 10-week educational internship program posthumously honors Dr. Daniel W.

Repperger, who mentored many young people during his 35-year research career with the Air Force Research Laboratory (AFRL), by providing research opportunities for students to participate in research projects at one of the Air Force facilities under the mentorship of an Air Force scientist. Each scientist has been hand selected to mentor, because of their technical knowledge, experience, and willingness to help science and engineering students enhance their learning through participation in an actual Air Force research project.

**Application Deadline:** Waiting for more information

**Information Link:** <https://orise.orau.gov/afrl/>

**Application Link:**

**Notes:** Last year application opened December 8, 2020 and closed February 15, 2021

**Name:** NIST SURF Program

**Major(s):** STEM

**Description:** Over the course of 11 weeks, SURF students contribute to the ongoing research of

one of the six NIST facilities which are the Communications Technology Laboratory (CTL), Engineering Laboratory (EL), Information Technology Laboratory (ITL), Material Measurement Laboratory (MML), NIST Center for Neutron Research (NCNR), and Physical Measurement Laboratory (PML) (which now includes project in the Center for Nanoscale Science and Technology).  The SURF Program is administered at the Boulder, CO and Gaithersburg, MD locations.

**Application Deadline:** Expected deadline in February

**Information Link:** <https://www.nist.gov/surf>

**Application Link:**

**Notes:** Application update announced in December

**Name:** NSF National Center for Science and Engineering Statistics Research Ambassadors

Program

**Major(s):** Mathematics, Statistics, Computer Science

**Description:** The National Center for Science and Engineering Statistics (NCSES) is the nation’s

leading provider of statistical data on the U.S. science and engineering enterprise. NCSES is one of thirteen principal federal statistical agencies, set apart by the mission of collecting data related to U.S. competitiveness and STEM education. NCSES is responsible for statistical data regarding: research and development, the science and engineering workforce, U.S. competitiveness in science, engineering, technology, and R&D, and the condition and progress of STEM education in the United States.

**Application Deadline:** Varies by application/opportunity

**Information Link:** <https://orise.orau.gov/ncses/>

**Application Link:** <https://orise.orau.gov/ncses/current-research-opportunities.html>

**Notes:**

**Name:** High Performance Computing Summer Internships - EERE

**Major(s):** STEM

**Description:** The U.S. Department of Energy (DOE), Office of Energy Efficiency and Renewable

Energy (EERE) High Performance Computing for Manufacturing (HPC4Mfg) Internship Program offers 10-week, hands-on, practical internships at DOE national laboratories. As a participant in the EERE HPC4Mfg Internship Program, you will perform research-level computational activities under the guidance of a mentor who is a technical staff scientist or engineer at a federal national laboratory. You will gain a competitive edge as you apply your education, talent, and skills to research and development projects focused on HPC. You will also be able to establish connections with DOE scientists and subject matter experts that promote long-term relationships between yourself, researchers, and DOE.

**Application Deadline:** Expected deadline January - March 2022

**Information Link:** <https://orise.orau.gov/AMOSummer/hpc/default.html>

**Application Link:** <https://orise.orau.gov/AMOSummer/current-research-opportunities.html>

**Notes:** Applications open November - December 2021

**Name:** Marquette University Data Science REU

**Major(s):** Mathematics, Statistics, Computer Science

**Description:** Research Experiences for Undergraduates (REU) programs support active research

participation by undergraduate students in Computing, Information Science, and Engineering (CISE) areas of research that are funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. This program provides educational opportunities for Undergraduate Students. This program provides indirect funding for undergraduate students to participate in research. The application form is a common application form used by universities with National Science Foundation sponsored REU programs. Our University's program supports this activity.

**Application Deadline:** Waiting for more information

**Information Link:** <https://reu.cs.mu.edu/index.php/Main_Page>

**Application Link:** <https://tinyurl.com/v7jbnwrs>

**Notes:** Last year applications were due February 15, 2021

**Name:** The University of Alabama at Birmingham School Research Opportunities

**Major(s):** Pre-Health, Biology, Chemistry

**Description:** The University of Alabama at Birmingham (UAB) School of Medicine (SOM)

specializes in clinical and research undergraduate summer programs that provide an enhanced scientific and professional preparation for students aspiring toward a career in medicine or biomedical sciences. The listed programs provide discipline-specific training and opportunities for smaller-scale connections within the overall community.

**Application Deadline:** February 11, 2022

**Information Link:** <https://www.uab.edu/medicine/physci/undergraduate-students>

**Application Link:** <https://tinyurl.com/4pw76ntk>

**Notes:** There is a common application for multiple programs, further specific details outlined on

website

**Name:** NSF Center for Sustainable Nanotechnology SURE

**Major(s):** STEM

**Description:** The Center for Sustainable Nanotechnology, through support from the National

Science Foundation, hosts a Summer Undergraduate Research Experience (SURE) program focused on Sustainable Nanotechnology. Selected participants will spend 10 weeks conducting research in collaboration with one more principal investigators of the Center for Sustainable Nanotechnology. Each student will be located at one of the participating institutions but will interact with faculty and students at all institutions via in-person and online interactions. (CSN institutions include the University of Wisconsin-Madison, Augsburg University, Boston University, the Connecticut Agricultural Experiment Station, Johns Hopkins University, University of California-Riverside, University of Illinois at Urbana-Champaign, University of Iowa, University of Maryland-Baltimore County, University of Minnesota, and University of Wisconsin Milwaukee.)

**Application Deadline:** Waiting for more information

**Information Link:** <https://susnano.wisc.edu/sure/>

**Application Link:**

**Notes:** Last year applications were due in February 2021

**Name:** NSF Materials Research Science and Engineering Centers REU

**Major(s):** Chemistry, Engineering, Physics

**Description:** The MRSEC Research Experiences for Undergraduates (REU) program provides

summer undergraduate research opportunities in science and engineering. The University of Minnesota MRSEC will provide up to 25 full-time summer research positions to undergraduate students through the REU program during the summer of 2022.

**Application Deadline:** February 15, 2022

**Information Link:** <http://www.mrsec.umn.edu/ehr/REU/>

**Application Link:** <http://www.mrsec.umn.edu/ehr/REU/application/>

**Notes:**

**Name:** UMN SUMMIT Program

**Major(s):** Biology, STEM

**Description:** The SUMMIT (Summer Undergraduate Minority Mentoring and Internship

Training) program is an NSF funded research learning opportunity for minority and underrepresented groups in the Plant Sciences.  SUMMIT’s goal is to mentor undergraduate students to prepare them for a career in the sciences.   There continues to be a need for a diverse scientifically trained community to address important questions focused on food production as the planet’s population continues to increase.  In the SUMMIT program, student participants will be partnered and mentored by Ph.D. researchers.  These researchers are working toward the understanding of the mechanism of meiotic recombination using modern genomic, molecular biology, and cytogenetic techniques.  This multi-institutional collaborative group will be supporting undergraduate student research opportunities for the Summer at either the University of Minnesota -Twin Cities or Cornell University – Ithaca, NY.

**Application Deadline:** Waiting for more information

**Information Link:** <https://summitprogram.cfans.umn.edu/>

**Application Link:**

**Notes:** Last year applications were due February 26, 2021

**Name:** NSF REU Programs at Scripps Research

**Major(s):** Biology, Chemistry, Pre-Health

**Description:** Both Scripps Research campuses have applied for and received Research

Experiences for Undergraduates (REU) awards by the National Science Foundation (NSF). REU programs at the institute take place concurrently with Scripps Research's Summer Undergraduate Research Fellows (SURF) program, and indeed, students may apply for either program with a single application.

**Application Deadline:** Waiting for more information

**Information Link:** <https://tinyurl.com/ne9petfz>

**Application Link:**

**Notes:** California Campus REU Program: Structure & Function Summer Institute (SFSI) and

Florida Campus REU Program: Surfing the Interface Between Chemistry & Biology

**Name:** Undergraduate Research in Educational Data Mining - George Mason University

**Major(s):** Computer Science

**Description:** The primary goal of this interdisciplinary REU Site program is to expose ten high

quality undergraduate students to advanced topics in analytics, data mining, and visualization techniques as applied to data from the education domain. Students will participate in projects with the central theme of improving instructional technology design, enhancing academic curricula and modeling learning experiences. This focus on education-centered analysis will provide the participating undergraduate students a deeper understanding of both general data mining techniques and a broader taste for educational design.

**Application Deadline:** Waiting for more information

**Information Link:** <https://cs.gmu.edu/reu/>

**Application Link:**

**Notes:** Last year applications were due February 15, 2021

**Name:** ATP-Bio REU Program

**Major(s):** STEM

**Description:** All engineering research in ATP-Bio is aimed at eliminating or mitigating the three

enemies of biopreservation: ice formation, cryoprotective agent (CPA) toxicity, and slow and/or non-uniform rewarming. Undergraduate students are invited to join ATP-Bio researchers in a 10-week summer to engage in an authentic laboratory experience with a focus on advancements in biopreservation technologies. REUs will perform research, engage in seminars and workshops designed to excite and interest students in graduate education and the biopreservation career field.

**Application Deadline:** Waiting for more information

**Information Link:** <https://www.atp-bio-education.org/atpbio-reu-program>

**Application Link:** <https://www.atp-bio-education.org/-atpbio-reu-application>

**Notes:** Last year applications were due March 12, 2021

**Name:** NSF Education and Training Application

**Major(s):** STEM, All

**Description:** Common application for applying for research experiences.

**Application Deadline:** Waiting for more information

**Information Link:** <https://www.nsfetap.org/reu-applicant/sites>

**Application Link:**

**Notes:** The NSF ETAP System is temporarily closed, it will re-open for applications at the end of

November 2021

**Name:** Mayo Clinic Biomedical Ethics Research Program

**Major(s):** Pre-Health, Biology, Biochemistry

**Description:** The Summer Undergraduate Program in Biomedical Ethics Research provides

students with a mentored research experience that assists them in preparing for careers in health care, science, law or bioethics. Students in the summer program develop research skills that include empirical research methods, study design, data collection and analysis, and scholarly writing, and learn how to apply these skills to bioethics research. Students also develop professional skills and gain a familiarity with current and seminal topics in bioethics and timely ethical issues in the health care setting.

**Application Deadline:** January 7, 2022

**Information Link:** <https://tinyurl.com/h84xhvf4>

**Application Link:**

**Notes:** Waiting for application to be posted in fall 2021

**Name:** UMN Human-Centered Computing for Social Good

**Major(s):** Computer Science

**Description:** The University of Minnesota offers a 10-week summer REU program for

undergraduate students focusing on human-centered computing for social good. Participants will be immersed in a collaborative community of practice at the Department of Computer Science and Engineering and mentored by faculty researchers in the areas of virtual reality, social and embodied computing, and human-robot interaction. To frame the societal relevance of their research, students will work on a project that addresses at least one United Nations Sustainable Development Goal. Lab activities will be supplemented with weekly research training seminars, invited talks, and professional development workshops.

**Application Deadline:** Waiting for more information

**Information Link:** <http://reu.cs.umn.edu/>

**Application Link:**

**Notes:**

**Name:** UMN Lando

**Major(s):** Chemistry and Biochemistry

**Description:** Our Summer Lando/NSF REU is for outstanding national and international

undergraduate students. It is designed to encourage students in the chemical sciences to learn more about research in chemistry, and provide them with the opportunity to work in a lab under the direction of a faculty member. We offer a variety of professional and social events for participants throughout the summer.

**Application Deadline:** February 4, 2022

**Information Link:** <https://cse.umn.edu/chem/lando>

**Application Link:** <https://tinyurl.com/8zhn9f5s>

**Notes:**

**Name:** UMN Lillehei Heart Institute

**Major(s):** Biology, Pre-Health, Biochemistry

**Description:** The Lillehei Heart Institute offers annual summer research scholarships in basic

science research related to cardiovascular disease. These highly competitive, prestigious scholarships are designed to expose highly qualified students to several disciplines within cardiovascular disease research and its clinical applications. Each scholar will be supported by a research scholarship. The major focus will be intensive basic or clinical research as each scholar will be assigned a laboratory and a faculty mentor. In addition, scholars will be introduced to clinical, industrial, and academic medicine through a variety of field trips, seminars and hands on experiences. Weekly seminars by faculty and industry leaders will be given to offer the scholar a window into career opportunities in cardiovascular science and medicine. The goal of these scholarships is to encourage medical and scientific careers in Cardiovascular Medicine.

**Application Deadline:** February 1, 2022

**Information Link:** <https://tinyurl.com/688bt3dp>

**Application Link:** <https://umn.qualtrics.com/jfe/form/SV_9GGdi4vAld4Qoyp>

**Notes:**

**Name:** UMN Life Sciences Summer Undergraduate Research Program

**Major(s):** Biology, Biochemistry, Pre-Health

**Description:** Since 1989, the University of Minnesota LSSURP has offered life sciences research

programs for undergraduate students who have a goal of enrolling in Ph.D. and M.D./Ph.D. programs. LSSURP is supported by the University of Minnesota Medical School. 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 in August.

**Application Deadline:** February 1, 2022

**Information Link:** <https://tinyurl.com/y6zkjab6>

**Application Link:** <https://tinyurl.com/pyasbhh5>

**Notes:**

**Name:** Professional Opportunities for the Student Workforce to Experience Research Program

**Major(s):** STEM, All

**Description:** As a participant in the HS-POWER Program, you will participate in quality research

experiences with federal research facilities and other Homeland Security STEM focused entities nationwide either onsite or in a virtual environment. This experience will provide you with a competitive edge as you apply your education, talent and skills in a variety of settings within the DHS enterprise. Additionally, you will establish connections with DHS professionals that facilitate long-term relationships between yourself, researchers, DHS personnel and research facilities.

**Application Deadline:** December 10, 2021

**Information Link:** <https://www.dhs.gov/science-and-technology/office-university-programs>

**Application Link:** <https://zintellect.com/Opportunity/Details/DHS-POWER-2022-SUMMER>

**Notes:**

**Name:** University of Notre Dame Environmental Research Center

**Major(s):** Biology, Environmental Studies

**Description:** The University of Notre Dame Environmental Research Center (UNDERC) provides

world-class destinations for environmental research, unsurpassed undergraduate education programs, and innovative graduate student training. UNDERC locations are unique pristine areas with exceptional facilities that permit descriptive studies and manipulative experiments. We strive to enhance our understanding of natural and human-altered environments that translate into better management and policy for the environment.

**Application Deadline:** November 10, 2021

**Information Link:** <https://underc.nd.edu/>

**Application Link:** <https://tinyurl.com/2u2353ke>

**Notes:**

**Name:** Gillette Children’s Summer Research Internship Program

**Major(s):** Pre-Health

**Description:** Each summer, Gillette Children’s Specialty Healthcare offers interns the

opportunity to test their inclinations toward clinical research and careers in medicine through a structured eight-week research internship program. By exposing interns to Gillette, our mission, and our work in clinical research and outcomes, we hope to inspire future health care providers to further understand the important role of clinical research in advancing patient care. As an intern at Gillette, you'll learn about research processes in a clinical setting that specializes in providing care for children and adults who have rare and complex conditions.

**Application Deadline:** Waiting for more information

**Information Link:** <https://tinyurl.com/rkuwkpcx>

**Application Link:**

**Notes:** Application update expected early 2022

**Name:** Energy Efficiency and Renewable Energy Science, Technology and Policy Program

**Major(s):** Energy-relevant field of science, engineering or quantitative field such as economics

**Description:** The Energy Efficiency and Renewable Energy (EERE) Science, Technology and

Policy (STP) Program serves as a next step in the educational and professional development of scientists and engineers interested in energy efficiency and renewable energy policy. The EERE STP Program provides an opportunity for highly talented scientists and engineers to participate in policy-related projects at DOE's Office of Energy Efficiency and Renewable Energy in Washington, D.C. and Golden, CO site office. EERE STP participants apply the expertise gained from their education and history of conducting research to new and ongoing EERE initiatives.

**Application Deadline:** Applications are accepted and reviewed all year

**Information Link:** <https://tinyurl.com/cfahywsp>

**Application Link:** <https://tinyurl.com/y2493pun>

**Notes:** There are 3 levels considered: Ph.D./Master’s for 3+ years, Ph.D./Master’s for no more

than 3 years, or Bachelor’s for less than 5 years. Undergraduates may be considered for short term appointments.

**Name:** NJIT Institute of Space Weather Sciences

**Major(s):** Physics, Computer Science

**Description:** The [Institute of Space Weather Sciences](https://www.google.com/url?q=https%3A%2F%2Fcenters.njit.edu%2Fspaceweather%2Fwelcome%2F&sa=D&sntz=1&usg=AFQjCNHbXzLaB0-Sa0jhd8vGex2iobwAIA) at the New Jersey Institute of Technology

will host a Research Experience for Undergraduates in the summer of 2022, funded by the National Science Foundation. Visit [here](https://www.google.com/url?q=https%3A%2F%2Fcenters.njit.edu%2Fspaceweather%2Fnode%2F64%2F&sa=D&sntz=1&usg=AFQjCNFE1gX81AI-GF_4lZAv8FBo9Ra6Ag) for more details about the centers and facilities that the institute is affiliated with. Eight undergraduate students will be invited to Newark, New Jersey for 10 weeks to engage in cutting-edge heliophysics, terrestrial physics, space weather, and big data research with space physicists, astronomers, and computer scientists from the [Center for](http://www.google.com/url?q=http%3A%2F%2Fcenters.njit.edu%2Fcstr%2F&sa=D&sntz=1&usg=AFQjCNFonerIhAvshocIsM487kQ4q4RI6Q) [Solar-Terrestrial Research](http://www.google.com/url?q=http%3A%2F%2Fcenters.njit.edu%2Fcstr%2F&sa=D&sntz=1&usg=AFQjCNFonerIhAvshocIsM487kQ4q4RI6Q), [Center for Computational Heliophysics](http://www.google.com/url?q=http%3A%2F%2Fcenters.njit.edu%2Fcch%2F&sa=D&sntz=1&usg=AFQjCNEFx4XWx5bZJH-0k5ZExo9KJ6yY5Q), and [Center for Big Data](http://www.google.com/url?q=http%3A%2F%2Fcenters.njit.edu%2Fbigdata%2F&sa=D&sntz=1&usg=AFQjCNF9ryIxS-ztLpTY1eLar89zF-BkzQ). Students in this program will be paired with [mentors specializing in various research areas](https://sites.google.com/njit.edu/iswsreu/people).

**Application Deadline:** February 15, 2022

**Information Link:** <https://sites.google.com/njit.edu/iswsreu/home>

**Application Link:** <https://sites.google.com/njit.edu/iswsreu/apply>

**Notes:**

**Name:** Mickey Leland Energy Fellowship Program

**Major(s):** STEM

**Description:** The U.S. Department of Energy’s (DOE) Mickey Leland Energy Fellowship (MLEF)

Program is a 10-week summer research fellowship for undergraduate and graduate students in STEM majors. Participants complete a cutting-edge research project at one of the Department’s National Laboratories or DOE Headquarters in support of the Department’s mission to minimize the environmental impacts of energy resource recovery and use while working towards net zero emissions.

**Application Deadline:** January 10, 2022

**Information Link:** <https://orise.orau.gov/mlef/>

**Application Link:** <https://www.zintellect.com/Opportunity/Details/MLEF-2022>

**Notes:**

**Name:** FCVC SURF

**Major(s):** Pre-Health, Biology, STEM

**Description:** Each fellow will be matched, based on their interests, to a laboratory led by a FCVC

faculty member. This collection of laboratories is involved in internationally recognized research in topics such as atherosclerosis, genetic cardiomyopathies, blood clotting disorders, cardiac arrhythmias, vascular biology, and heart failure. Fellows will be paid via bi-weekly paychecks at a rate of $15/hour for ten weeks of full-time work, starting the Tuesday after Memorial Day and ending the second week of August. The program includes scientific seminars, social events, and a two-day research symposium where fellows present their research to their peers and FCVC faculty and staff.

**Application Deadline:** January 20, 2022

**Information Link:** <https://sites.google.com/site/cvcsummerfellowship/home>

**Application Link:** <https://fcvcsummerfellowship.smapply.io/>

**Notes:**

**Name:** Van Andel Institute Summer Internship Program

**Major(s):** Biology, HPE, Pre-Health

**Description**: For the**2022 Summer Internship Programs**, interns will have the opportunity to

work in the areas of cell biology, epigenetics, metabolism and nutritional programming, neurodegenerative science and structural biology. Interns will be paired with a scientific investigator and/or their designee for an intense 10-week research experience. Interns will gain an understanding of the latest research methods, instruments, and testing procedures. They will learn how to design experiments and see how their test results can contribute to a larger research project. At the end of each internship program, interns will give an oral presentation or poster presentation about their experience to the VAI research staff.

**Application Deadline:** February 1, 2022

**Information Link:** <https://jobs.silkroad.com/vai/VAICareerSite/jobs/830>

**Application Link:** <https://jobs.silkroad.com/vai/VAICareerSite/Apply/MultiForm/830>

**Notes:**

**Name:** Nanotechnology and Biomedicine REU

**Major(s):** Pre-Health, STEM

**Description**: This REU program will provide an interdisciplinary research experience at the

interface of micro-/nano-technology and biomedicine to undergraduate students from other institutions, leveraging the diverse interdisciplinary expertise, resources, and training opportunities in this area at University of Georgia (UGA). Students will participate in interdisciplinary research projects that apply micro-/nano-technology to specific biomedical questions. Each REU student will be co-mentored by paired faculty from the nanotechnology and biomedical disciplines on a collaborative research project. In addition to a total-immersion, hands-on research experience, students will participate in enriching activities that will include ethics-in-science workshop; weekly career development seminars; research seminars; educational field trips; participation in conferences in nanotechnology and biomedicine.

**Application Deadline:** February, 18, 2022

**Information Link:** <https://reu.engr.uga.edu/>

**Application Link:** <https://reu.engr.uga.edu/?page_id=773>

**Notes:**

**Name:** EERE Robotics Summer Internship Program

**Major(s):** STEM, Computer Science

**Description**: The U.S. Department of Energy (DOE) Office of Energy Efficiency & Renewable

Energy (EERE) Robotics Internship Program provides opportunities for students and recent graduates to intern at DOE national laboratories. Internships will last for 10 consecutive weeks from May to September at a DOE national laboratory. You will be mentored by and research alongside DOE scientists and subject matter experts, developing long-term relationships between yourself, researchers and others at your hosting laboratory. Project assignments will involve technologies used to develop machines that can substitute for humans and replicate human actions automatically.

**Application Deadline:** January 25, 2022

**Information Link:** <https://orise.orau.gov/AMOsummer/robotics/default.html>

**Application Link:** <https://www.zintellect.com/Opportunity/Details/EERE-Robotics-2022>

**Notes:**

**Name:** Next Generation of Scholars in Population Research

**Major(s):** Social Sciences

**Description**: NextGenPop offers undergraduates an on-campus research training experience

over the summer, virtual research and professional development workshops throughout the academic year, and varied opportunities for mentoring and networking with population scholars and practitioners from across the United States. The summer 2022 program will be hosted by the University of Wisconsin-Madison.

**Application Deadline:** February 15. 2022

**Information Link:** <https://nextgenpop.org/>

**Application Link:** <https://nextgenpop.org/summer-2022-application/>

**Notes:**