

Biomedical Research Internships

The following catalog features approximately 280 biomedical research internships offered nationwide for high school, undergraduate, post-baccalaureate, graduate, and first-year medical students. This catalog is organized by academic level and discipline and the programs are alphabetized according to the name of the sponsoring institution or organization. For more information about a specific internship, please refer to the program’s website or contact the respective administrator.

***Note: This document is updated annually in the Fall, and was last updated 11/6/20. If you would like your program to be featured in this compilation, please contact [Marilyn Drennan](#).**

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Internships in Scientific Research for High School Students

Program Sponsor	Description	Eligibility	Compensation / Contact Information
The Arthritis Foundation (California)	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.	<p>Age Restrictions: All applicants must have reached their 17th birthday by June 1. 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).</p> <p>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 website.</p> <p>Applicants must be a U.S. citizen or permanent resident.</p>	<p>High school juniors or seniors will receive a \$1,500 stipend paid in two installments. Participants are responsible for their own housing 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>
City of Hope (California)	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.	<ul style="list-style-type: none"> ✓ At least 16 years of age before their internship begins ✓ U.S. citizen or permanent resident. ✓ Must be high school or undergraduate student. 	<p>Students will receive a \$4,000 stipend.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Indiana University, Melvin and Bren Simon Cancer Center (Indiana)	The Indiana University Simon Cancer Center Summer Research Program (SRP) aims to increase the number of high school students from underrepresented populations pursuing biomedical and behavioral science careers by providing positive and meaningful firsthand exposure to these fields. 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"> ✓ Have completed their junior year by the program's start date. ✓ Display an aptitude for science and math. ✓ Academic minimum: 3.0 GPA. 	<p>Students will receive a stipend as part of their participation in the program.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research for High School Students

Program Sponsor	Description	Eligibility	Compensation / Contact Information
Lillehei Heart Institute (Minnesota)	The Lillehei Heart Institute offers their Summer Research Scholars Program for students with the opportunity to learn about cardiovascular science and medicine. Working in a lab with a faculty mentor, participants will be exposed to clinical, industrial, and academic medicine. Students will also be able to tour the Visible Heart Lab in addition to participating in a guided heart dissection.	<ul style="list-style-type: none"> ✓ Junior or senior standing at time of application. ✓ Be 16 years of age or older. ✓ Must be a U.S. citizen. 	Students will receive a \$3,000 stipend. For more information , visit the website . If you have additional questions, please send an email to the program .
Maine Medical Center Research Institute (Maine)	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, and Molecular Genetics.	<ul style="list-style-type: none"> ✓ Recent high school graduate OR currently enrolled, full-time undergraduate student. ✓ Must be 18 years of age by June. ✓ Academic minimum: 3.0 GPA ✓ Eligible for employment in the U.S. 	Students will receive \$12.50 per hour. 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 the Education Coordinator .
NASA STEM Programs (Multiple locations)	NASA internships leverage NASA's unique missions and programs to enhance and increase the capability, diversity and size of the nation's future science, technology, engineering and mathematics (STEM) workforce. Internships are available from high school to graduate level. Internships provide students with the opportunity to participate in either research or other experiential learning, under the guidance of a mentor at NASA.	<ul style="list-style-type: none"> ✓ U.S. citizen. ✓ High school sophomore, junior or senior at least 16 years of age. ✓ Academic minimum: 3.0 GPA. ✓ Additional eligibility requirements may apply depending on the specific program. 	<i>*Note:</i> 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 .
National Institutes of Health (Maryland)	The National Institutes of Health Division of Cancer Epidemiology and Genetics hosts a research experience designed for students interested in exploring careers in cancer epidemiology and genetics. Students may also attend lectures offered under the NIH Summer Seminar Series, participate in DCEG meetings and seminars, attend formal NIH lectures, and participate in the DCEG Poster Day.	<ul style="list-style-type: none"> ✓ High school OR undergraduate OR graduate student (including medical and dental students). ✓ Must be 17 years of age or older by June 15. ✓ U.S. citizen or permanent resident. 	Participants will receive a stipend based on academic level. Students are responsible for housing, meals, and transportation. <i>*Note:</i> Nearby housing is available. For more information , visit the website . If you have additional questions, please send an email to the program .

Internships in Scientific Research for High School Students

Program Sponsor	Description	Eligibility	Compensation / Contact Information
National Institutes of Health (Maryland)	The STEP-UP Program is designed to expose underrepresented and/or disadvantaged students to research in the areas of diabetes, endocrinology, metabolism, nutrition, obesity, and digestive, liver, urologic, kidney, and hematologic diseases. The program begins with an online ethics course, followed by travel to the assigned research location to begin the 8-10 week, full-time summer research experience. The program culminates with a trip to the Annual Undergraduate STEP-UP Scientific Session and Research Presentations in August. Students will present their summer research to peers, mentors, and scientific experts.	<ul style="list-style-type: none"> ✓ High school student junior or senior (at least 16 years of age) during application period. ✓ Academic minimum: 3.0 GPA ✓ U.S. citizen, non-citizen national or legal permanent resident. ✓ Member of an underrepresented group in biomedical sciences (as shown by the National Science Foundation) OR have been diagnosed with a disability OR from an economically disadvantaged background (as defined by annual family income) OR be the first generation in family to graduate from a four-year college or university. 	<p>Students will receive a stipend. In addition, accommodations and travel expenses to the Annual Undergraduate Scientific Session and Research Presentations in Bethesda, Maryland are provided. Students are responsible for travel to and from the research location, housing, ground transportation, parking, and meals. For students opting to perform their research with a mentor at one of the coordinating institutions, a limited amount of on-campus housing may be available; students should inquire within that institution.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Dr. Rob Rivers.</p>
National Institutes of Health (Maryland)	Participants in the High School Summer Internship Program (HS-SIP) work one-on-one with some of the leading scientists in the world. Trainees on the main campus in Bethesda, MD will attend a lecture series featuring distinguished NIH investigators, informal lunchtime talks on training for research careers, and participate in a trainee poster session.	<ul style="list-style-type: none"> ✓ Must be at least 17 years of age by start of program. ✓ High school junior or senior at the time of application. ✓ U.S. citizen or permanent resident. 	<p>The stipend for trainees is adjusted annually.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Pathways to Science (Multiple locations)	Pathways to Science supports pathways to science, technology, engineering, and mathematics [STEM] fields. The program places 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 summer research opportunities, graduate fellowships, and postdoctoral positions.	<ul style="list-style-type: none"> ✓ Please refer to the program's website or contact the respective administrator to review the eligibility criteria per program. 	<p>The stipend is adjusted annually.</p> <p>For more information, visit the website.</p>

Internships in Scientific Research for High School Students

Program Sponsor	Description	Eligibility	Compensation / Contact Information
Rosetta Institute of Biomedical Research (California)	The Rosetta Institute of Biomedical Research offers an advanced class for high school students interested in a career in medicine or related fields. Through engaging lectures and hands-on laboratory classes, students learn normal molecular and cellular biology and how these normal processes are distorted during the development of cancer. At the culmination of the workshop, students create an original research project on a gene of their choice. Participation in the cancer workshop will enable attendees to: Learn and apply molecular biology and molecular laboratory techniques; Establish a solid foundation from which to learn how any disease develops; and how to ask the important questions and answer these questions in a systematic and scientific way.	<ul style="list-style-type: none"> ✓ Must be 14-18 years of age and have taken high school biology. Exceptions are made for students constrained by certain circumstances or for students with exceptional backgrounds. ✓ *Residential fees for all workshops are \$3,280. There are a limited number of non-residential commuter spots available for \$1,980 (includes lunch and all activities). <ul style="list-style-type: none"> *The residential price includes: <ul style="list-style-type: none"> • Room and board; • Roundtrip transportation to/from the airport; and • Field trips/recreational activities. 	<p>For more information and/or to apply, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Roswell Park Cancer Institute (New York)	The Summer Cancer Research Experience Program for High School Student is designed to provide high school students an opportunity to learn and become active participants in cancer research. The major objectives of the high school program are to introduce students to scientific research through a project supervised by graduate faculty members and give students an opportunity to discover and experience the graduate student lifestyle. All students present their research poster during a scientific conference at the conclusion of the program.	<ul style="list-style-type: none"> ✓ Enrolled in junior year of high school within the following counties in western New York: Erie, Niagara, Cattaraugus and Chautauqua. ✓ 15 years of age or older at the start of the program. ✓ Resident (permanent address) of the following counties in western New York: Erie, Niagara, Cattaraugus, and Chautauqua. ✓ U.S. citizen or permanent resident. 	<p>Students are responsible for meals, housing, and transportation. *The program negotiates a housing option for out-of-town students at Canisius College for \$30 per night.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please contact the program.</p>
Shoreline Community College (Washington)	Shoreline Community College offers three Biotech summer camps that provide an opportunity for students to engage in biotechnology labs and computer activities and meet scientists from the community. Information about the specific summer camps offered can be found here .	<ul style="list-style-type: none"> ✓ 8th through 11th grade students. 	<p>Each week-long summer camp costs \$450 per student per camp. Registration includes daily snacks and Friday lunch.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please contact Dr. Dina Kovarik.</p>

Internships in Scientific Research for High School Students

Program Sponsor	Description	Eligibility	Compensation / Contact Information
Stanford School of Medicine (California)	Stanford Institutes of Medicine Summer Research Program (SIMR) is an 8-week training opportunity for high school students. Participants will perform basic research with Stanford faculty, post-doctoral fellows, and graduate students on a medically-oriented project. The program is designed to increase interest in the biological sciences and medicine, help students understand how scientific research is performed, and increase the diversity of students and researchers in the sciences.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ High school student of at least junior or senior standing as of the spring. ✓ Must be at least 16 years old by the start of the program. ✓ Students from groups traditionally underrepresented in the sciences or economically disadvantaged households are particularly encouraged to apply. 	<p>Students are responsible for housing, meals, and transportation.</p> <p>All students are given a \$500 minimum stipend. Stipends of \$1500 and above are given on a needs-based system from special grants.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Stanford School of Medicine (California)	The Stanford Medical Youth Science Program (SMYSP) is a five-week science- and medicine-based enrichment program held on Stanford University's campus. The program is designed to bolster students' science skills while providing exposure to a host of health-related careers.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Resident of specific Northern or Central Californian counties (see application). ✓ High school student of sophomore or junior standing. ✓ Students from a low-income family OR a family with little or no history of attending college. 	<p>For more information, visit the website or contact the program via email.</p>
STEP-UP (Multiple locations)	<p>The Short-Term Research Experience for Underrepresented Persons (STEP-UP) provides hands-on summer research experience for high school and undergraduate students interested in exploring research careers.</p> <p>The STEP-UP program for high school 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.</p>	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ High school student of junior or senior standing. Must be at least 16 years old. ✓ Academic minimum: 3.0 GPA. ✓ Come from a group traditionally underrepresented in the sciences 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 	<p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Dr. Rob Rivers.</p>

Internships in Scientific Research for High School Students

Program Sponsor	Description	Eligibility	Compensation / Contact Information
University of Texas MD Anderson Cancer Center (Texas)	Students selected for the King Foundation program are given a rare opportunity to participate in a research project under the guidance of a full-time member of the MD Anderson faculty. The majority of the time is spent doing actual hands-on work that provides the students with a clear knowledge of exactly what it means to be a biomedical researcher as well as an understanding of the discipline required. The laboratory experience is supplemented by seminars presented by faculty on a wide variety of research topics and by activities exclusive to participants of all the Summer Programs.	<ul style="list-style-type: none"> ✓ Texas high school student who will have completed senior year prior to start of program. ✓ Must demonstrate scientific aptitude, a record of academic achievement, and an interest in pursuing an undergraduate or graduate career in a professional healthcare field. ✓ U.S. citizen, permanent resident, or F1, J1 Visa Holders. 	<p>Invitees receive a \$6,000 stipend for their participation in the 10-week program. This compensation is meant to subsidize cost of living expenses for students and is considered income and subject to all applicable taxes and fees. All participants must secure their own housing and transportation for the duration of the program.</p> <p>For more information, visit the website.</p>
University of Washington, Genomics Outreach for Minorities (Washington)	The GenOM Alliances for Learning and Vision for Underrepresented Americans [ALVA] program provides an opportunity for incoming freshmen, who are attending the UW, to explore their interests and advance their studies in genomics. During the first 2 weeks of the program, students participate in intensive lab and bioethics training. Students are then paired with a mentor and conduct research. Students will also participate in a daily math course which extends the full length of the program, and a chemistry course which takes place during the last 7 weeks of the program.	<ul style="list-style-type: none"> ✓ High school senior who will be attending the University of Washington Seattle campus. ✓ Have an interest in science research, specifically in genetics and genomics. 	<p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Lisa Peterson.</p>
USA Jobs (Multiple locations)	USAJOBS is the U.S. Government's official system/program for Federal jobs and employment information. This site serves as a search engine for jobs in the U.S. Government.	<ul style="list-style-type: none"> ✓ Please refer to the program's website or contact the respective administrator to review the eligibility criteria per program. 	<p>For more information, visit the website.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Albert Einstein College of Medicine (New York)	The Einstein Summer Undergraduate Research Program (SURP) brings together 50 college students each summer for a one-of-a-kind opportunity to conduct original research in a laboratory at one of the world's top-ranking scientific institutions. The program is designed for undergraduates with a strong background in science who are considering a research career.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of junior standing. ✓ Strong background in the sciences (e.g., biology, biochemistry, chemistry, physics, bioengineering chemical engineering, etc.). ✓ U.S. citizen or permanent resident. 	<p>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.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
American Society for Microbiology (District of Columbia)	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. ✓ Not receiving other financial support for research during the fellowship. 	<p>Students will receive a stipend of up to \$4,000; a one-year ASM student membership; and travel support to attend the ASM General Meeting.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
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.	<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. ✓ Academic minimum: 3.2 GPA. ✓ U.S. citizen or permanent resident. ✓ Interest in pursuing a PhD or MD/PhD. 	<p>Students will receive a \$6,620 stipend, campus housing, and travel to and from Pasadena.</p> <p>For more information, visit the website.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Amgen Scholars (California)	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 ✓ U.S. citizen or permanent resident. ✓ Students who belong to groups traditionally underrepresented in the sciences are strongly encouraged to apply. ✓ Academic minimum: 3.2 GPA. ✓ Interest in pursuing a PhD 	<p>Participants will receive a \$3,600 stipend, in addition to housing, food, and round-trip transportation. Field trips, seminars, and other social activities are also included.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Amgen Scholars (California)	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, junior, or non-graduating senior standing attending a 4-year college or university. ✓ Academic minimum: 3.2 GPA. ✓ Interest in research and pursuit of a PhD or MD/PhD. ✓ Previous Amgen Scholars are ineligible to participate. 	<p>Students will receive a \$4,200 stipend plus meals, round-trip travel, and on-campus housing with access to campus facilities. Participants also have the opportunity to receive college course credits (transferable UCB research units).</p> <p>For more information, visit the website. If you have additional questions, please email the program.</p>
Amgen Scholars (California)	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. 	<p>Students will receive a \$4,000 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.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Amgen Scholars (California)	<p>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 10-week summer experience, Amgen Scholars will prepare for graduate study and a research career in the health sciences.</p> <p>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.</p>	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student. ✓ Academic minimum: 3.2 GPA. ✓ Interest in pursuing graduate school, including a 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. 	<p>Students will receive a \$4,000 stipend, housing near the UCSF Parnassus campus, \$500 travel support to and from San Francisco, health insurance coverage and public transportation passes within the city.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Dr. D'Anne Duncan.</p>
Amgen Scholars (Connecticut)	<p>The Yale BioMed Amgen Scholars Program is a research-intensive summer training program in biomedical research for undergraduate students who plan to obtain a PhD or MD-PhD in the biomedical sciences. The goals of this program are to recruit students from diverse backgrounds and experiences to careers in biomedical research and to provide them with knowledge, skills and resources to help them succeed as scientists or physician-scientists.</p>	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident ✓ Sophomores (with four quarters or three semesters of college experience), juniors or non-graduating seniors (who are returning in the fall to continue undergraduate studies). ✓ Minimum GPA of 3.2 ✓ An interest in pursuing a PhD or MD-PhD 	<p>Students will receive a \$4,275 stipend and housing on the medical school campus. The cost of travel to and from New Haven will be reimbursed up to \$750.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Amgen Scholars (New York)	<p>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.</p>	<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. 	<p>Students will receive a \$5,000 stipend, \$500 in on-campus food allowance, and housing on the Morningside campus of Columbia University.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Chanda Springer.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Amgen Scholars (Maryland)	The Amgen Scholars Program at the National Institutes of Health (NIH) is a 10-week opportunity for students with an interest in scientific research and exploring the relationship between science and society to look into the role of science, policy, and community engagement in eliminating health disparities. Participants will also perform full-time research with faculty on the NIH campus, in addition to partaking in journal clubs, case studies and a poster symposium at the end of the program.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Rising junior or senior (including fifth-year college seniors) attending a 4-year college or university ✓ Academic minimum: 3.2 GPA. ✓ Students with experience in health disparities and an interest in learning more about the biological, environmental, social, and genetic causes of health disparities are highly encouraged to apply. 	<p>Students will receive a stipend, in addition to housing, round-trip travel support, transportation during internship, housing/meal/travel costs to attend the Amgen Scholars Symposium. Interns are responsible for their own meals.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Amgen Scholars (Massachusetts)	The Harvard program is a 10-week research opportunity in which students will be paired with faculty mentors in conducting hands-on research in the biotechnology field. Participants will also attend seminars and workshops including effective scientific communication, graduate school preparation, and career opportunities in academia and industry.	<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 ✓ Academic minimum: 3.2 GPA. ✓ Interest in pursuing graduate school, including a PhD or MD/PhD. 	<p>Students will receive a \$4,000 stipend. On-campus housing, including access to campus facilities, \$500 meal allowance, travel support (for non-Harvard students), and housing/meal/travel costs to attend the Amgen Scholars Symposium.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Amgen Scholars (Missouri)	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). 	<p>Students will receive a \$4,200 stipend, as well as housing, meals, travel to and from St. Louis, and travel to the Amgen Scholars Symposium.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Arizona State University (Arizona)	The Mathematical and Theoretical Biology Institute Summer 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 for eight weeks, where their time is split between classroom instruction on research methods and hands-on research projects. Participants receive intensive instruction in dynamical systems, stochastic processes, computational methods and modeling delivered by top scientists and guest speakers from around the world.	<ul style="list-style-type: none"> ✓ U.S. Citizen or permanent resident. ✓ Undergraduates who have completed at least their sophomore year. ✓ Majoring in math, biology, or related fields with at least one year of calculus. ✓ African Americans, Latinos and Native Americans are strongly encouraged to apply. 	<p>Students will receive a \$4,000 stipend, room & board, and airfare & transportation to ASU's Tempe campus (up to \$500).</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
The Arthritis Foundation (California)	Through the Summer Science Internship Program students 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 gifted students to pursue a career in scientific study and research with the ultimate goal of inspiring them to focus their research potential on arthritis and related autoimmune diseases.	<ul style="list-style-type: none"> ✓ All applicants must have reached their 17th birthday by the start of the program. ✓ 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. ✓ U.S. citizen or permanent resident. 	<p>Undergraduates will receive a \$2,000 stipend paid in two installments.</p> <p>Participants are responsible for their own housing and transportation.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Association of American Medical Colleges (Multiple locations)	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.	<ul style="list-style-type: none"> ✓ Please refer to the program's website or contact the respective administrator to review the eligibility criteria per program. 	<p>For more information, visit the website.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Augusta University (Georgia)	The Summer Student Training and Research Program (STAR) provides opportunities for students to develop skills as young scientists and to further explore their interest in biomedical research. During the 9-week program, STARs actively participate in a biomedical research project under the guidance of a Augusta University faculty member. Additionally, participants attend workshops, discussion groups, and laboratory demonstrations that expose them to a broad range of biomedical research techniques.	<ul style="list-style-type: none"> ✓ 18 years or older by start of the session. ✓ Currently enrolled in an undergraduate degree program and completion of at least freshman year. ✓ Minimum overall GPA of 3.0. ✓ Minimum GPA of 3.0 in science courses. ✓ U.S. citizen or permanent resident. 	<p>Participants will be paid a salary of \$4,500 (before taxes) for the 9-week period.</p> <p>Participants will be responsible for travel, meals, housing, and other personal expenses. On-campus housing is available and the program will provide a \$1000 subsidization toward housing for participants who live on-campus.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Baylor College of Medicine (Texas)	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.	<ul style="list-style-type: none"> ✓ Attending a university and returning to the college/university to complete their undergraduate degree. ✓ Academic minimum: 3.0 GPA 	<p>Students will receive a ~\$5,000 stipend for 9 weeks. The stipend will most likely cover a mixture of salary, housing, and transportation depending on the funding source.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Boston University (Massachusetts)	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.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Undergraduate student of junior or senior standing. ✓ Academic minimum: 3.0 GPA. ✓ Member of a group traditionally underrepresented in the sciences is highly encouraged to apply. 	<p>Students will receive a \$5,500 stipend, \$500-600 supply allowance, up to \$500 in travel expenses, housing, and travel/lodging to the BU Undergraduate Research Symposium to present their research findings.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Boston University (Massachusetts)	The BRITE REU (Bioinformatics Research and Interdisciplinary Training Experience) at BU Bioinformatics focuses on computational and mathematical fundamentals of bioinformatics analysis through research projects in a broad range of topics. Each student is assigned a faculty mentor and a graduate student mentor. Training topics include programming workshops on Python, R, SQL, linux command line tools, git version control, machine learning, and data visualization; scientific communication skills, including creating a poster and presenting a talk; scientific ethics and responsible conduct of research; and applying to graduate school.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Rising juniors or seniors enrolled in a degree program (part-time or full-time) leading to a baccalaureate or associate degree. ✓ Applicants should have an interest in Biological research and some quantitative training in Computer Science, Mathematics, Physics, or a closely related field. <p>*Women, minorities, students with disabilities, veterans, and those in schools with limited research opportunities are STRONGLY encouraged to apply.</p>	<p>Students will receive a weekly stipend of \$645, apartment-style dorm on campus provided by BU Bioinformatics, and round trip airfare to Boston for out-of-state students. Additionally, all students receive travel funds to present a scientific poster at a BU-sponsored or national undergraduate research conference.</p> <p>For more information, visit the website.</p>
Boston University School of Medicine (Massachusetts)	The Summer Training as Research Scholars Program (STaRS) provides scholars with the opportunity to participate in research and enhances skills required for successful entrance and completion of a graduate program or an MD/PhD program in the biomedical sciences. Each scholar is assigned a faculty mentor and participates in biomedical research projects in a broad range of topics, including heart, lung and blood research. In addition, the STaRS program includes journal clubs, research skill-building seminars and workshops, career discussions and workshops focused on special topics such as oral and written skills, resume and abstract writing, and applying to a PhD program or an MD/PhD program in the biomedical sciences.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Rising junior or rising senior at the start of program at an accredited institution. ✓ Minimum GPA of at least 3.0. <p>*To support a diverse scientific workforce the BU STaRS program is particularly interested in the following groups: Racial/Ethnic Minorities (as defined by the NIH), which have a longstanding history of underrepresentation and continuing efforts, students with disabilities, and students from financially disadvantaged backgrounds.</p>	<p>Students will receive a stipend for program participation, round trip travel to Boston for out-of-state students, and University housing (apartment style dorms).</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Brandeis University (Massachusetts)	The Research Experiences for Undergraduates (REU) program in the Biological and Physical Sciences is a 10-week program for students to gain more research experience and to explore careers in the sciences. The two specialized programs are REU in Cell & Molecular Visualization and REU in Materials Research Science and Engineering Center (MRSEC).	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student. ✓ For additional eligibility requirements, please check the program/s website. 	<p>Students will receive a stipend, housing, and meal allowance.</p> <p>For more information, visit the program's website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Brigham and Women's Hospital (Massachusetts)	The Summer Training in Academic Research and Scholarship (STARS) program provides underrepresented minority (URM) students an opportunity to engage in 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 students and to encourage these scholars to pursue advanced graduate education and training at BWH and HMS.	<ul style="list-style-type: none"> ✓ Member of a group traditionally underrepresented in the sciences. ✓ U.S. citizen or non-citizen national with a permanent resident visa. ✓ Undergraduate student of junior or senior standing OR first-year medical student. ✓ Health insurance coverage. 	<p>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.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Broad Institute of MIT and Harvard (Massachusetts)	The Broad Summer Research Program (BSRP) 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. BSRP features a rich curriculum outside the lab that emphasizes communication, collaborative problem-solving, graduate school preparation, and demystifying scientific careers.	<ul style="list-style-type: none"> ✓ Enrolled in a four-year college for the fall. ✓ Academic minimum: 3.2 GPA. ✓ U.S. citizen or permanent resident. ✓ Member of a group traditionally underrepresented in the sciences is highly encouraged to apply. 	<p>Students will receive a \$4,250 stipend with paid housing and travel expenses.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
California Institute of Technology (California)	The WAVE Fellows program is a summer research opportunity in which participants can increase their lab research skills by working on a project with a mentor at CalTech. In addition to the research project, interns will attend weekly seminars, academic development workshops, and other social/cultural activities.	<ul style="list-style-type: none"> ✓ Prior research experience. ✓ Academic minimum: 3.2 GPA. ✓ Interest in pursuing a PhD. ✓ US citizen or permanent resident. 	<p>Students will receive a \$6,350 stipend for 10-weeks with a \$650 housing and travel supplement provided.</p> <p>For more information, visit the website.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
California Institute of Technology (California)	The Summer Undergraduate Research Fellowships (SURF) program at CalTech gives students the opportunity to conduct research under the guidance of experienced mentors working at the frontier of their fields. To enrich the research experience, SURF Fellows are invited to attend the following: Weekly seminars by Caltech faculty & JPL scientists and engineers; an academic and 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; and special field trips.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident ✓ Minimum GPA of at least 2.0 ✓ Not be under any academic or disciplinary sanction. ✓ Completion of the second semester or third quarter at your college or university. 	Fellows will receive a \$6,620 award for the ten-week period. For more information , visit the website .
Cancer Research Center of Hawai'i (Hawai'i)	The goal of the Cancer Research Education, Advancement, Training and Empowerment (CREATE) program is to offer distinctive training experiences in cancer biology and in population sciences for students. CREATE takes advantage of the excellent research opportunities arising from the distinctive population and environment in Hawai'i and the Pacific with strong multi-disciplinary collaborations at the University of Hawai'i and with the University of Guam. Besides the hands-on experience at UHCC, CREATE includes a curriculum of multi-disciplinary seminars, workshops, and career development sessions.	<ul style="list-style-type: none"> ✓ Currently enrolled sophomore or junior at an accredited college or university. ✓ U.S. citizens or holder of permanent resident visa. ✓ Academic minimum: 3.5 GPA. ✓ Stated interest in cancer research. ✓ Priority will be given to eligible applicants who are of an ethnic background this is considered under-represented in biomedical sciences. 	Students receive an hourly wage in accordance with the University of Hawaii Student Research Fellow pay scale. For students from the University of Hawai'i at Hilo and the University of Guam, housing, transportation, and travel expenses may be available. For more information , visit the website . If you have additional questions, please send an email to the program .
Charles Drew University (California)	The Undergraduate Cancer Research Training Program (UCRTP) is a 8-12-week summer internship for undergraduates contemplating careers in biomedical sciences and have an interest in health disparities. Trainees will work with a mentor on a hypothesis-driven project, culminating with a write up of findings in manuscript format. The goal of the UCRTP is to ensure that each undergraduate student acquires the knowledge, skills, and attitudes to become a proficient researcher in cancer research and disparities.	<ul style="list-style-type: none"> ✓ Must be low income or an underrepresented minority. ✓ Undergraduate freshman, sophomore, or junior. ✓ Academic minimum 3.0 GPA. ✓ Have successfully completed college-level general biology and/or introductory chemistry. 	Students will receive a maximum \$4,000 stipend for the 12-week program. A housing and / or meal plan is not provided for accepted students. For more information , visit the website . If you have additional questions, please send an email to Milena Pavlova .

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Children's Hospital of Philadelphia Research Institute (Pennsylvania)	The Center for Injury Research and Prevention (CIRP) hosts the Injury Science Research Experiences for Undergraduates (REU) program, a 10-week paid summer research internship opportunity for undergraduate students. CIRP is a leading multidisciplinary center engaged in collaborative cross-discipline research implementing real-world applications. During this program, students will work on a focused research project with an assigned CIRP mentor, receiving formal training on presenting research, ethics and technical writing. Students will also attend formal workshops, meetings, field trips, and seminars, and will have a unique opportunity to apply for a grant for student-initiated research for the trainee to continue at his/her home institution.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Minimum GPA of 3.0. ✓ One year completed college by June 1, 2021. ✓ Anticipated graduation: After August 13, 2021. * Priority will be given to women, persons with disabilities, racially and ethically marginalized communities (American Indians/Alaskan Natives, Blacks/African Americans, and Latinos), and students from colleges and universities where STEM research opportunities are limited, including two-year colleges. 	<p>Each student will be paid a stipend of \$5,000 and will receive free housing for the 10-week program. All students will be able to request up to \$500 in reimbursement for travel to and from Philadelphia for the program or to a conference to present their research.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Training Manager Carol Murray.</p>
Cincinnati Children's Hospital Medical Center (Ohio)	The Summer Undergraduate Research Fellowship (SURF) provides an opportunity for students to explore clinical, translational, and basic science research in laboratories in the Department of Pediatrics, University of Cincinnati College of Medicine. The primary goal is to provide students with a foundation for making career choices in the biomedical sciences.	<ul style="list-style-type: none"> ✓ Undergraduate student of freshmen, sophomore, junior or senior standing in the Fall are eligible. ✓ Academic minimum: 3.0 GPA. ✓ U.S. citizen or permanent resident. ✓ Must have an interest in pursuing a career in biomedical research or medicine. 	<p>Students will receive a \$4,000 stipend. UC Housing is available to interns at an out-of-pocket cost of \$1,750 for the 10-week program.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Sherry Thornton.</p>
City of Hope (California)	The Eugene and Ruth Roberts Summer Student Academy offers 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.	<ul style="list-style-type: none"> ✓ Possess 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. ✓ Completion of high school courses in chemistry and biology. 	<p>Students will receive a \$4,000 stipend.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Cold Spring Harbor Laboratory (New York)	The 10-week Undergraduate Research Program (URP) at 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. In addition to doing research in the lab, URP participants attend a series of specially designed workshops, seminars and collegial events.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of sophomore or junior standing with a strong academic background in a science. * Exceptions are made for first-year undergraduate students with prior independent research experience. 	<p>Students will receive a \$5,500 stipend, in addition to room and board at the Cold Spring Harbor Laboratory campus.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Colorado State University (Colorado)	The Research Experience for Undergraduates (REU) will provide students an introduction to a variety of aspects of chemical research. In addition, students will participate in activities that will enrich their presentation, ethics and career skills. The main focus of this 10-week summer program is the research that each undergraduate student performs under the guidance of a faculty mentor. Undergraduate student participants work in the faculty mentor's laboratory and participate fully in the research group activities.	<ul style="list-style-type: none"> ✓ Completion of at least some biology and general chemistry courses. ✓ U.S. citizen or permanent resident. ✓ Cannot be graduating in the spring. ✓ Underrepresented ethnic and racial minorities, those with physical challenges, and students from smaller undergraduate institutions with limited research opportunities are especially encouraged to apply. 	<p>Students will receive a \$5,000 stipend, housing in an on campus dormitory, and up to \$600 for travel expenses.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program coordinator, Julie Mintle or call: (970) 491-5409.</p>
Columbia University Mailman School of Public Health (New York)	The Biostatistics Epidemiology Summer Training Diversity Program (BEST) was established to expand and diversify the behavioral and biomedical sciences' workforce by introducing undergraduates from underrepresented populations to biostatistics and cardiovascular and pulmonary disease research. During the 8 week program participants undertake an individualized research project with a Columbia University faculty mentor, including a project symposium at the program's conclusion.	<ul style="list-style-type: none"> ✓ Be enrolled and have completed at least one year of undergraduate work at an accredited school or university OR be enrolled at a community or junior college, completing at least 3 courses per academic term. ✓ U.S. citizen OR permanent resident. 	<p>Participants will receive a \$2,800 stipend as well as some funds to offset costs of food and travel to and from New York City. Students living outside of the NYC area have the option for free housing.</p> <p>For more information, visit the website.</p>

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Program Sponsor	Description	Eligibility	Compensation / For More Information
Columbia University Medical Center (New York)	The Summer Program for Underrepresented Students provides an intense research fellowship designed to provide meaningful training in biomedical research and enhance students' ability to achieve a career in biomedical research and/or medicine by pursuing an advanced degree. In addition, students receive in-depth training in biomedical research methodology, including the: experimental design and analysis; critical reading of scientific literature through journal clubs; presentation of scientific results at lab meetings; attendance at convened poster sessions, abstract and manuscript writing; and career counseling and research ethics.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Preference is given to students who are rising juniors or seniors. ✓ Academic minimum: 3.2 GPA. ✓ Underrepresented minority student and/or students from economically or educationally disadvantaged backgrounds. ✓ Interested in pursuing graduate education in a biomedical field (MD, MD/PhD, or PhD). 	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 .
Columbia University Medical Center (New York)	The Summer Public Health Scholars Program's (SPHSP) goal is to increase interest in and knowledge of public health and biomedical science careers. This is a rigorous program which includes Public Health coursework at Columbia University; hands-on field experience and immersion in a diverse, economically disadvantaged urban environment; seminars and lectures with public health leaders; and mentoring by faculty members, ensuring students' exposure to the breadth and importance of public health as a career option.	<ul style="list-style-type: none"> ✓ U.S. Citizen, Permanent Resident, or U.S. National. ✓ Rising juniors and seniors, OR Recent college graduates. ✓ Minimum GPA of 2.7. <p>* African American, Hispanic/Latino, Asian American, American Indian/Alaskan Native, Native Hawaiian, Pacific Islander, people with disabilities, economically disadvantaged, and LGBTQ individuals are encouraged to apply.</p>	A stipend for participation is provided to all program scholars. Each scholar is provided financial support for round-trip travel. Housing is provided to all students on the Columbia University Morningside Campus. For more information , visit the website . If you have additional questions, please send an email to the program .
Committee on Institutional Cooperation (Michigan)	The Summer Research Opportunities Program (SROP) at Michigan State University aims 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 research methods enrichment workshops.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student of non-graduating standing with at least one semester or undergraduate education remaining after completing program. ✓ Academic minimum: 3.0 GPA. ✓ Demonstrated interest in pursuing a graduate degree. 	Students will receive a \$4,000 stipend, travel to and from MSU, room and board on the MSU campus, and opportunities to present their research findings. For more information , visit the MSU website OR the CIC website . If you have additional questions, please send an email to the program .

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
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. ✓ 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 OR have experienced financial hardship as a result of family economic circumstances. 	<p>Students will receive a \$4,500 stipend and travel reimbursement, on-campus housing, and partial meal reimbursement.</p> <p>For more information, visit the UM website OR the CIC website.</p> <p>If you have additional questions, please send an email to the program.</p>
Committee on Institutional Cooperation (Pennsylvania)	Pennsylvania State University hosts the Summer Research Opportunities Program (SROP) , an eight-week research program designed to interest talented undergraduate students from underrepresented groups in academic careers and to enhance their preparation for graduate study through intensive research experiences with faculty mentors. In addition to the research experience, the program includes professional development workshops, seminars, field trips, and social activities.	<ul style="list-style-type: none"> ✓ A low-income individual who is a first-generation college student OR a member of a group that is underrepresented in graduate education OR have experienced financial hardship as a result of family economic circumstances. ✓ 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. 	<p>For more information, visit the Penn State website OR the CIC website.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
<p>Congressional Hispanic Caucus Institute (Washington D.C)</p>	<p>During the Congressional Hispanic Caucus Institute (CHCI) paid summer and semester internships Hispanic/Latinx undergraduate students experience what it's like to work in a congressional office, while participating in weekly professional and leadership development and civic engagement through community service. CHCI Congressional Interns learn firsthand how the legislative system works, spending four days each week working on Capitol Hill. Usually, interns are placed with a member of congress who serves a district in their home state performing meaningful work: responding to constituent inquiries; writing policy briefs; conducting legislative research on issues; and attending congressional hearings and policy briefings.</p>	<ul style="list-style-type: none"> ✓ High academic achievement (preference of 3.0 GPA or higher). ✓ Evidence of leadership skills and potential for leadership growth. ✓ Demonstrated commitment to public service-oriented activities. ✓ Students must currently be enrolled full time and working towards their undergraduate degree in the academic period prior to participation and have not had their degree conferred before completion of the program. ✓ U.S. citizen or permanent resident. 	<p>CHCI interns will receive \$3,750 (Fall/Spring, 12 weeks), \$3,125 (Summer, 10 weeks) for participating. Round-trip transportation to Washington, DC is provided and all housing expenses are covered by the program.</p> <p>For more information, visit the website.</p>
<p>Dartmouth College Geisel School of Medicine (New Hampshire)</p>	<p>The Dartmouth MD-PhD Undergraduate Summer (MPUS) Fellowship Program is an 8 week fellowship aimed at exposing Fellows to basic medical science research by conducting cutting edge research alongside MD-PhD students presently in the PhD portion of their training. In addition, Fellows will have the opportunity to examine the clinical aspect of medicine during weekly rounds with one of Dartmouth's illustrious clinical faculty at the Dartmouth Hitchcock Medical Center (DHMC). Finally, Fellows will be exposed to the wonderful community of MD-PhD students at Dartmouth and get to better understand the role of, and opportunities available to, the physician-scientist in training.</p>	<ul style="list-style-type: none"> ✓ Minimum GPA of 3.3. ✓ Applicant must be a sophomore or junior at time of application. ✓ U.S. citizen or permanent resident. ✓ Students affiliated with funded summer undergraduate research organizations for underrepresented ethnic minority students (i.e. MARC, U-Star, McNair, LSAMP) are especially encouraged to apply. 	<p>Fellows will receive a stipend of \$1,000, dormitory housing on the Dartmouth campus, a complimentary meal plan with access to all of the Dartmouth cafeterias, and reimbursement for reasonable travel-related expenses, up to \$500.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

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Drexel University College of Medicine (Pennsylvania)	During the Summer Undergraduate Research Fellowship (SURF) , Drexel University College of Medicine faculty and members of their laboratories guide students through the planning and practice of daily research experiments and activities. Each student is assigned to work in a specific laboratory for the duration of the program, typically on a project unique to the research goals of that laboratory. Students are integrated into the daily work of the laboratory, participating in laboratory meetings and gaining exposure to different facets of the laboratory's research.	<ul style="list-style-type: none"> ✓ Interest in pursuing biomedical research as a career and in good academic standing. ✓ Currently enrolled undergraduate student of sophomore or junior standing are given priority, although freshmen may apply. 	<p>SURF students will receive a \$3,000 stipend. A limited number of accepted students will be provided housing.</p> <p>For more information, visit the website. If you have additional questions, please contact Tsz Kwok at: (215) 571-4526.</p>
Duke University (North Carolina)	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. Students spend a majority of their time learning research techniques in the laboratory, attending lab meetings, interacting with members of other labs, and otherwise conducting themselves just as if they were in graduate school. Each student is mentored by a faculty mentor, solving real research problems in an active, modern biomedical research laboratory.	<ul style="list-style-type: none"> ✓ Undergraduate student considering PhD in biological sciences or biomedical sciences. 	<p>Students will receive a competitive stipend, on-campus housing, and travel assistance.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Fred Hutchinson Cancer Research Center (Washington)	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. 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. ✓ Entering the summer BEFORE the final year (or quarter or semester) of undergraduate studies. ✓ Strong background in the sciences. 	<p>Students will receive a \$4,794 stipend and travel costs (up to \$450). Interns are responsible for their own housing and meals. <i>*Note:</i> The Fred Hutch negotiates a housing option for out-of-town students at the University of Washington, which is available for approximately \$2,200.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

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Georgetown School of Medicine (Washington, D.C.)	The Dean for Medical Education's Academy for Research, Clinical, and Health Equity Scholarship (ARCHES) is a six-week program for ten undergraduate students who are interested in pursuing medical studies. This program will engage selected participants in clinical experience, guided research, and immersive community based learning. Participants will gain exposure to the clinical and research activities at Georgetown University School of Medicine and to the greater DC community on issues of health equity. ARCHES aims to strengthen the research and clinical skills of promising undergraduate students and prepare them for successful matriculation into medical school.	<ul style="list-style-type: none"> ✓ U.S. citizen, a permanent resident, DACA recipient or international student holding an F1 or J1 visa. ✓ The program is open to rising juniors and rising seniors enrolled in a four-year college or university. ✓ First-generation college students, students from backgrounds underrepresented in medicine, and students committed to advancing opportunities for communities and populations who lack equitable access to health care are encouraged to apply. 	<p>Students will receive a \$4,000 stipend and housing accommodations.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Susan Cheng.</p>
Gerstner Sloan-Kettering (New York)	The Summer Undergraduate Research Program is designed for outstanding undergraduate students who are interested in pursuing a career in biomedically related sciences. Students in the program will have the opportunity to obtain hands-on research experience in cutting-edge laboratories, attend skills development workshops and weekly seminar presentations by faculty, postdoctoral fellows, and graduate students from all eight research programs at Memorial Sloan Kettering Cancer Center.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate students of freshmen, sophomore or junior standing. ✓ Completion of college-level general biology and/or introductory chemistry courses, and some advanced science courses. ✓ Academic minimum: 3.0 GPA. ✓ Must have prior research experience. 	<p>Students will receive a \$6,000 stipend and housing accommodations.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
H. Lee Moffitt Cancer Center & Research Institute (Florida)	Moffitt's Summer Program for the Advancement of Research Knowledge (SPARK) provides research experience for students who have an aptitude for science and a high level of interest in pursuing a medical or research career. Students will perform cancer-related research in: molecular oncology, immunology, drug discovery and experimental therapeutics, integrated mathematical oncology, and health outcomes and behavior.	<ul style="list-style-type: none"> ✓ Undergraduate students seeking a career in biomedical science. 	<p>Students will receive a taxable stipend of \$3,000. Participants must make their own living arrangements and provide a local address at the time of admission.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Harborview Medical Center (Washington)	Harborview Injury Prevention & Research Center's (HIPRC) Pediatric Injury Prevention Student Internship Training (INSIGHT) program is an intensive, eight-week summer internship that provides paid research experience and mentorship for students who are interested in injury research. Participants are matched to research projects and partnered with health sciences faculty from across the University of Washington and work alongside peers and health professionals from an array of disciplines.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident and are eligible to work in the U.S or hold a valid student visa or have DACA status. ✓ Minimum cumulative GPA of 3.0 is preferred. ✓ Preference is given to students who will graduate in Spring 2021, or who will be juniors and seniors in Fall 2020. 	<p>Interns will receive a \$3,200 stipend. Students are independently responsible for arranging their housing, meals and transportation. The UW offers some discounted summer housing within the dorms on campus. Travel reimbursement awards are available for individuals who qualify.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Hartford Hospital (Connecticut)	The Summer Student Pre-Med and Research Program offers pre-med students a ten-week introduction to research methodology, patient treatment, and ethical issues in medicine as well as exposure to a broad spectrum of health care providers within a large community teaching hospital. Students selected for the Program engage in an assigned clinically-related investigative project within a department division. At the conclusion of the ten-week period, each student will complete a poster presentation summary of the investigation.	<ul style="list-style-type: none"> ✓ Applicants home residency must be from the Northeast region only (NY, CT, RI, MA, NH, VT, and Maine). ✓ Pre-medical college student completing their junior year by May 2021. ✓ Minimum GPA of 3.3. 	<p>Students will receive a \$4,000 stipend for the 10 weeks as well as on campus housing and parking, as needed.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the Program Director, Rosemarie Portal.</p>
Harvard Affiliated Trauma Centers (Massachusetts)	The Harvard Orthopedic Trauma Undergraduate Summer Internship is a pan-campus orthopaedic trauma service with sites at four Harvard-affiliated Level I Trauma Centers. The main aim of the internship is to provide interns with a basic understanding about clinical research, primarily through providing practical experience. The secondary aim is to provide opportunities for interns to shadow in the clinical environments in order to see what life is like in the hospital setting.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Full-time sophomore, junior, or senior at an accredited institution. ✓ Are interested in clinical research and/or considering careers in Medicine or Healthcare. 	<p>Students will not receive a stipend or housing. Food and snacks will be provided by the program while at the hospital.</p> <p>For more information, visit the website.</p>

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Program Sponsor	Description	Eligibility	Compensation / For More Information
Harvard Medical School (Massachusetts)	The Four Directions Summer Research Program (FDSRP) is an 8-week research experience that provides an opportunity for undergraduates to explore careers in the medical profession under the guidance and supervision of staff from Harvard Medical School and Brigham and Women's Hospital. The program prepares students through mentoring, networking, and hands on research experience. The program encourages all interested students to apply to this program but requires a demonstrated interest and commitment to Native American communities.	<ul style="list-style-type: none"> ✓ U.S. citizen, U.S. national, or permanent resident. ✓ Minimum 1 year of undergraduate studies in a 4-year undergraduate degree program prior to start of program (June). ✓ Demonstrated interest in careers in medicine, public health, or biomedical sciences. 	<p>Students will receive a stipend, free housing, and round-trip travel covered by the program.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Harvard School of Public Health (Massachusetts)	The Summer Internships in Biological Sciences in Public Health Program provides interested students with an 8-week laboratory-based biological research opportunity. Students will conduct an independent research project under the guidance of a Harvard faculty member to focus on biological science questions that are important to disease prevention. Disease areas include infections, cancer, lung diseases, common diseases of aging, diabetes, obesity, etc. Scientific approaches include regulation of cell growth and gene regulation, cellular metabolism, DNA modification, cellular signaling, structure-function analyses, etc.	<ul style="list-style-type: none"> ✓ U.S. citizen, U.S. national, or permanent resident. ✓ Member of an underrepresented group in graduate research OR a first-generation college student OR from an economically disadvantaged background. ✓ Academic minimum: 3.0 GPA. ✓ Demonstrated interest in public health, specifically laboratory research. 	<p>Students will receive a \$3,600 stipend, a travel allowance (up to \$500), and housing.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Harvard School of Public Health (Massachusetts)	The Summer Program in Biostatistics & Computational Biology is an intensive 6-week program, where students will learn about biostatistics and epidemiology fundamentals, including statistical software packages. In addition to exploring these fields, they will also participate in a collaborative research project with Public Health faculty.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Member of a group that is traditionally underrepresented in graduate education OR a first-generation college OR a low-income student OR a disabled student ✓ Interest in pursuing graduate studies in biostatistics or epidemiology. 	<p>Travel to Boston and living stipend (including lodging and some meals) are provided.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

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Harvard School of Public Health (Massachusetts)	The Summer Program in Epidemiology introduces the use of mathematics and quantitative methods in public health areas such as cancer prevention, infectious disease, neuro-psychiatric, and pharmacoepidemiology. This 4-week program includes introductory coursework in epidemiology and biostatistics, attending formal lectures by Harvard faculty members, and conducting a group research project on a public health topic.	<ul style="list-style-type: none"> ✓ U.S. citizen, U.S. national or permanent resident. ✓ Member of an underrepresented group in biomedical research OR has a disability OR from an economically disadvantaged background. ✓ Academic minimum: 3.0 GPA. ✓ Demonstrate an interest in public health and is interested in pursuing a graduate degree in public health. 	<p>Students will receive a stipend, travel support, and housing.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Jeffrey Noyes.</p>
Harvard School of Public Health (Massachusetts)	Fostering Advancement & Careers through Enrichment Training in Science (FACETS) is a 6-week program that exposes students to the range and applicability of public health. Students will engage in fundamental epidemiology and biostatistics courses, be exposed to various public health topics by Harvard faculty, and participate in a group research project.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Member of an underrepresented group in graduate research OR a first-generation college student OR from an economically disadvantaged background OR has a disability. ✓ Academic minimum: 3.0 GPA. 	<p>Students will receive a stipend, travel support, and housing.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Felisa Nobles.</p>
Harvard School of Public Health (Massachusetts)	The Multidisciplinary International Research Training Program (MIRT) is a national program developed to encourage underrepresented students to pursue biomedical and behavioral science research careers. Providing support for students to conduct research overseas, students will spend 8-12 weeks at a foreign research site.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled student at least of junior standing in a full-time degree program at the start of the program. ✓ Strong interest to participate in international health research work. 	<p>Students will receive a monthly stipend, foreign living expenses, roundtrip airfare to foreign institution, and health insurance.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Harvard Stem Cell Institute (Massachusetts)	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. Interns are exposed to different professional options within the scientific arena through a stem cell seminar series, a career pathways presentation, and a weekly stem cell companion course.	<ul style="list-style-type: none"> ✓ Undergraduate enrolled at colleges and universities across the U.S. and internationally. ✓ Must not have graduated before the start of the program. ✓ Some background in biological science. Previous research lab experience is highly desirable. 	<p>Students will receive a \$4,500 stipend for participation in the 10-week program. On-campus housing may be available, at cost, to participants.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Maureen Herrmann.</p>

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Program Sponsor	Description	Eligibility	Compensation / For More Information
Harvard University (Massachusetts)	The Systems Biology Internship Program is a 10-week opportunity for students to work in research labs and to explore this field. Interns will participate in a research project that will be presented at the end of the program, receive mentorship from current faculty, and partake in group meetings, seminars, and field trips in the Boston area.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student who is 18 years or older by start of program. ✓ U.S. citizen or permanent resident. 	<p>Students will receive a \$5,000 stipend, housing, and access to the Harvard athletic facilities.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Harvard University (Massachusetts)	Summer Honors Undergraduate Research Program (SHURP) is a ten-week summer research program primarily for college students belonging to groups that are under-represented in the sciences. Participants will conduct 10 weeks of paid, scholarly research under the guidance of a faculty or research mentor, attend professional development workshops and research discussions, and present their work at the Leadership Alliance National Symposium.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduates who will not have completed their degree by June 2021. ✓ Minimum GPA of 3.0. ✓ Have already had at least one summer (or equivalent term-time) of experience in a research laboratory. 	<p>While the majority of participants receive a supplement from SHURP, circumstances can vary. The typical stipend amount is \$450/week for 10 weeks. Housing and travel to and from Boston will be supported by the program.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Health Career Connection (Multiple locations)	The Health Career Connection (HCC) places talented, diverse students in summer internships that provide them with invaluable exposure, experience, and mentoring to pursue health careers. The program is 10-weeks and full-time including workshops on key professional and personal development topics, visits to diverse health settings, mentoring from the HCC team; connections to top graduate schools, and support from HCC's network.	<ul style="list-style-type: none"> ✓ All students are eligible. Students of color and those from disadvantaged backgrounds are strongly encouraged to apply. 	<p>A stipend ranging from \$3,000 - \$4,000 is offered.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Herman B. Wells Center for Pediatric Research (Indiana)	The Pediatric Research Summer Student Internship is an eight-week program that offers participants the opportunity to engage in expert research. This is an excellent opportunity for undergraduate and graduate students to gain hands-on experience in biomedical sciences. The program's long-term goal is to increase the number of those choosing a career in pediatric health research.	<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>	<p>Interns are given a \$3,500 stipend for the 8-week program. Interns are responsible for their own housing and transportation arrangements.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Hispanic Association of Colleges and Universities (Multiple Locations)	The Hispanic Association of Colleges and Universities National Internship Program (HNIP) partners with some of the leading corporations in the nation to assist them in attracting and hiring the best talent from HACU member colleges and universities. The process is very competitive but rewarding, as many internships lead to full-time roles. Opportunities for both internships and full-time employment are available.	<ul style="list-style-type: none"> ✓ Minimum 3.0 GPA. ✓ Enrollment in a degree-seeking program at an accredited institution. ✓ Authorization or eligibility to work in the United States by law. 	<p>Round-trip airfare to/from internship location is provided for non-local students. Assistance to locate and secure housing during the internship for non-local students is provided, however the intern is responsible for paying for their housing arrangements.</p> <p>For more information, visit the website.</p>
Hormel Institute (Minnesota)	The Hormel Institute offers a Summer Undergraduate Research Experience (SURE) Program for students to gain knowledge of basic research and to provide a unique laboratory experience for students interested in the sciences. Students work on research projects to expand their knowledge of basic research as well as learn about equipment and techniques that generally are not available in undergraduate academic programs.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of junior or senior standing. <i>*Freshmen and sophomores are also welcome to apply.</i> ✓ Interested in pursuing careers in biology or medically-related fields. 	<p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Brenna Gerhart.</p>
Indiana University, Melvin and Bren Simons Cancer Center (Indiana)	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"> ✓ Completed at least 24 hours of college credit. ✓ Major in biomedical or behavioral science. ✓ Academic minimum: 3.2 GPA. 	<p>Students will receive a stipend for participation in the SRP. Participants are responsible for their own housing and transportation arrangements.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please email the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Iowa State University (Iowa)	The George Washington Carver Summer Research Internship Program promotes “science with practice” by exposing interns to research opportunities under the direction of College of Agriculture and Life Sciences (CAL S) research faculty members. The internship program further seeks to bridge the gap between lack of access to technology/information and opportunities to engage in experiential learning in an effort to increase the participation of students of color in STEM fields. In addition to their research experience, interns participate in weekly educational seminars, and social and cultural activities.	<ul style="list-style-type: none"> ✓ Academic minimum: 3.0 GPA. ✓ U.S. citizen or permanent resident. * Note graduating seniors are eligible to apply. 	<p>Students are provided room and board on campus, round-trip airfare, a meal plan, and a \$3,000 stipend.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Dr. Theresa Cooper.</p>
Iowa State University (Iowa)	The Department of Chemical and Biological Engineering hosts the Biological Materials and Processes Experience for Undergraduates (BioMaP REU) a program that creates novel research experiences for undergrad students from around the country in the areas of biological materials and processes. Students are active members of interdisciplinary groups and interact with faculty, post-doctoral researchers, graduate students and industry. Students may also participate in cohort experiences such as joint seminars and meetings.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident 	<p>Students will receive a stipend of \$500/week. Up to \$800 in travel expenses will be covered by the program as well as up to \$2,500 allowance for food and housing.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Janelia Research Campus (Virginia)	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 the Janelia Research Campus. 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.	<ul style="list-style-type: none"> ✓ Current undergraduate students OR post-baccalaureate students who have not yet committed to a PhD program. ✓ Must have at least one independent research experience. 	<p>Students will receive a \$5,000 stipend. On-site housing, food, and travel expenses are covered by the program.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program director, Erik Snapp.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Johns Hopkins University Medical Institutions (Maryland)	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.	<ul style="list-style-type: none"> ✓ There are 11 distinct research opportunities available under the SIP umbrella. Each division of the Summer Internship Program is administered separately. See each division's eligibility requirements on the website for more information. 	<p>Students will receive a \$3,000 stipend and on-campus housing.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
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 9 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.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Academic minimum: 3.0 GPA. ✓ Currently enrolled undergraduate student of at least sophomore standing. ✓ Preference will be given to non-KSU students. 	<p>Students will receive a \$4,500 stipend, in addition to travel support (up to \$300) and residence hall room and board.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
The Leadership Alliance (Multiple Locations)	The Leadership Alliance is a national consortium of 20 leading research and teaching colleges and universities. The mission of the Alliance is to develop underrepresented students into outstanding leaders and role models in academia, business and the public sector. The Summer Research - Early Identification Program (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.	<ul style="list-style-type: none"> ✓ U.S. citizen or non-citizen national, or permanent resident. ✓ Minimum GPA of 3.0. ✓ Demonstrate a committed interest to pursue graduate study toward a PhD or MD-PhD. ✓ Completed at least two semesters and have at least one semester remaining of their undergraduate education by the start of the summer program. 	<p>For a list of participating institutions and their benefits, visit the website.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Lillehei Heart Institute (Minnesota)	The Lillehei Heart Institute offers their Summer Research Scholars Program for students with the opportunity to learn about cardiovascular science and medicine. Working in a lab with a faculty mentor, participants will be exposed to clinical, industrial, and academic medicine. Students will also be able to tour the Visible Heart Lab in addition to participating in a guided heart dissection.	<ul style="list-style-type: none"> ✓ Enrolled in an accredited degree program in a healthcare-related field. 	<p>Students will receive a stipend. Scholars are responsible for housing and meals.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Loyola University Chicago (Illinois)	The Summer Undergraduate Research Program in Pharmacology and Therapeutics offers 10 weeks of intensive, practical laboratory research experience that is designed to provide an opportunity for students to gain valuable biomedical research experience in pharmacology. Awardees will attend seminars by guest speakers, weekly discussions on basic concepts in pharmacology and professional development for the research scientists led by our faculty. They will also attend a career panel and have an opportunity to tour a pharmaceutical facility. At the end of the fellowship each student will provide an oral presentation of their work to students, faculty and staff of the Department.	<ul style="list-style-type: none"> ✓ US citizen or permanent resident. ✓ Enrolled as a rising Junior or Senior in a baccalaureate program or equivalent in the Fall 2021 term. 	<p>\$5,200 will be provided by the Department of Molecular Pharmacology and Neuroscience for room, board or travel allowance as the student chooses. Fellows must secure their own housing for the duration of the program.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Dr. Karie Scrogin.</p>
Maine Medical Center Research Institute (Maine)	The Maine Medical Center Research Institute's Summer Student Research Program (SSRP) 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, and Molecular Genetics.	<ul style="list-style-type: none"> ✓ High school (completion of grade 12) OR currently enrolled, full-time undergraduate student. ✓ Academic minimum: 3.0 GPA ✓ Can be employed in the U.S. 	<p>Students will receive \$12.50 per hour. . Students are responsible for their own transportation and housing.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Massachusetts General Hospital (Massachusetts)	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 Mass General Hospital investigator in this 8-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 post-baccalaureate student OR graduate student OR rising 1st year medical student OR first-year medical student. ✓ Member of an underrepresented minority group. 	<p>Student will receive a \$5,000 stipend, along with housing (lodging arrangements provided near the hospital).</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Massachusetts Institute of Technology (Massachusetts)	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. Students will learn a range of skills, both technical and intellectual, that will help them develop into successful independent scientists.	<ul style="list-style-type: none"> ✓ Enrolled full-time undergraduate at a university or four-year college in the U.S. ✓ Be a sophomore, junior, or non-graduating senior. ✓ Academic minimum: 3.5 GPA. ✓ Have a demonstrated interest in basic research and in a career in the sciences. 	<p>Students will receive campus housing, a weekly stipend, and a travel allowance to and from MIT.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Mayo Clinic (Minnesota)	The Summer Undergraduate Program in Biomedical Ethics Research (SUPER) provides students the opportunity to participate in a mentored research experience that assists them in preparing for careers in healthcare, science, law, or bioethics. Students will be placed with a faculty mentor to work on an ethics research project for approximately 10 weeks. In addition to conducting mentored research, students participate in a robust ethics education curriculum. Students will also have an opportunity to shadow physicians in nearly every area of the clinic, observe clinical ethics consultations, and collaborate with other health care professionals depending on areas of interest.	<ul style="list-style-type: none"> ✓ Students must be enrolled in an undergraduate program. Graduating seniors are eligible. ✓ Must have authorization to work and remain in the United States, without necessity for Mayo Clinic sponsorship. ✓ All students must pass a background check and post-offer placement assessment prior to their start date. 	<p>Students will be paid \$13/hour.</p> <p>For more information, visit the Mayo Clinic website's posting for the internship found here. Hear what previous students have to say about the opportunity here. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Mayo Graduate School College of Medicine (Minnesota)	The Summer Undergraduate Research Fellowship (SURF) , sponsored by Mayo Clinic Graduate School of Biomedical Sciences, offers a great way to build your skills as a young scientist or test your inclinations toward research. During the SURF students will work beside both young and established scientists on a broad range of biomedical research questions.	<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. ✓ International students attending a U.S. college or university are eligible to apply. 	<p>Students will receive a \$6,000 stipend (minus taxes). Students are responsible for housing, meals, and transportation.</p> <p><i>*Note:</i> Most students live on-campus, which is available for approximately \$650 per month.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Glenda Mueller.</p>
Medical College of Wisconsin (Wisconsin)	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. SPUR hosts roughly 25-30 participants each summer from across the country who gain valuable research experience, refine critical thinking skills, build upon academic and professional networks and are introduced to various disciplines of science.	<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). 	<p>Students will receive a \$3,500 stipend and housing accommodations.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Medical University of South Carolina (South Carolina)	The Summer Research Program allows students to become directly involved in the process of scientific discovery. The purpose of the SURP is to promote access to graduate education and to enhance specific skills that are required for success in a subsequent M.S., Ph.D. or M.D./Ph.D. in Biomedical Sciences. The program includes daily interaction with faculty, weekly seminars regarding research, and social activities. At the conclusion of the program, students will prepare a brief written paper and give an oral presentation about their research project.	<ul style="list-style-type: none"> ✓ Completion of at least two full years of college course work OR has been involved in significant research opportunities by the time the internship begins. ✓ Enrolled full time and in good standing in a baccalaureate program at the time of application. ✓ Must be able to complete the entire 9 weeks of the program. ✓ Academic minimum 3.0 GPA. 	<p>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. For students who need housing, a housing allowance of at least \$1,000 will be provided.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Stephanie Brown-Guion.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Meharry Medical College (Tennessee)	The Meharry Cancer Summer Undergraduate Research Program (SURP) is a 10-week intensive, hands-on research experience. The overall goals of the program are to expose students to different types of cancer research (clinical, biomedical, and community-based) and increase their awareness of cancer health disparities. Program participants will work under the mentorship of a Meharry Medical College and/or Vanderbilt University Medical Center faculty on a research project that explores the causes, diagnosis, prevention and/or treatment of cancer.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Rising sophomore, junior or senior student in a degree granting program at a college/university in the US. ✓ Minimum cumulative GPA of 3.0. 	<p>Students will receive a stipend of \$4,000 for the 10-week summer period, housing for out-of-town students near Meharry's campus, and paid travel to/from Nashville, TN.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Minneapolis Heart Institute Foundation (Minnesota)	The MHIF Summer Research Internship Program – Clinical Cardiology offers an opportunity for interns to contribute to clinical research studies and publications that impact patient care under the guidance of a physician and research staff mentor. During this 12-week internship, interns spend nearly 11 days shadowing physicians, participating in varied 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. ✓ Academic minimum: 3.6 GPA. 	<p>A \$480 per week stipend is given to assist with expenses. Housing support and meals are not paid for by the program. However, scholarship opportunities may be available for accepted students who need housing/transportation support.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Minneapolis Heart Institute Foundation (Minnesota)	The Population Health Internship provides participants with experience in working in the fields of population health, health education, and health promotion. Some experiences will allow interns to participate in the planning of health education materials, conduct literature reviews, or assist in establishing electronic communication. This internship is offered in the fall, spring, and summer.	<ul style="list-style-type: none"> ✓ Enrolled in a health-related degree program with a significant interest in and dedication to primary prevention. ✓ Must be entering final semester/quarter of undergraduate studies OR post-baccalaureate student OR graduate student in an accredited health-related degree program 	<p>Students will receive a pro-rated stipend up to \$1,500 (if academic institution supports this).</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Mount Sinai School of Medicine (New York)	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. Interns will acquire valuable experience attending a weekly seminar series to introduce you to research-intensive career options and role models for career pathways.	<ul style="list-style-type: none"> ✓ Academic minimum: 3.5 GPA. ✓ Currently enrolled undergraduate students of sophomore or junior standing. ✓ Motivated towards research and inclined towards graduate education in biomedical sciences in a PhD Program or MD/PhD. 	<p>Students will receive a \$5,000 stipend and free housing but are responsible for meals and transportation. <i>*Note:</i> Housing is available in one of Mount Sinai's residential buildings.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
National Cancer Institute (Multiple Locations)	The NCI sponsored Systems Biology and Physical Sciences in Cancer Summer Research Program (CSBC/PS-ON) is a research opportunity designed specifically for students to gain experience in the interdisciplinary fields of systems biology and physical oncology. Each student participant will be working with a faculty mentor whose lab is pursuing a multi-disciplinary approach to cancer research. Projects include experimental and computational studies of the mechanisms underlying cancer processes.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of rising junior or senior standing. ✓ Must be U.S. citizen or permanent resident 	<p>Participants will receive \$4,000 stipend, roundtrip travel to/from research site, and free housing. Additionally, participants will be given roundtrip travel & accommodations for a two-day research conference at the NIH.</p> <p>For more information, please visit the website. If you have additional questions, please send an email to the program.</p>
National Heart, Lung and Blood Institute (Colorado)	The Colorado Summer Institute in Biostatistics (CoSIBS) at Colorado School of Public Health hosts a 6-week program for students interested about the connection between statistics and biomedical research. Participants will attend introductory biostatistics courses and seminars in which college credit will be received and conduct research with faculty mentors. Students will also learn about human research ethics and complete computer laboratory exercises.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of rising junior or senior standing. 	<p>Participants will receive roundtrip travel and housing accommodations.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
National Heart, Lung and Blood Institute (Iowa)	The Iowa Summer Institute in Biostatistics (ISIB) Program at the University of Iowa College of Public Health provides a 7-week opportunity for students to take a 3-semester hour introductory biostatistics course and to conduct research with a project team and faculty mentor. Students will also be exposed to informational workshops including scholarships, training grant programs, and assistantships in Biostatistics and Public Health fields.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of junior or senior standing. Graduating seniors with intent to pursue biostatistics are welcome to apply. ✓ Academic minimum: 3.2 GPA. ✓ Members of traditionally underrepresented minority groups and students from small liberal arts colleges that do not offer substantial coursework in statistics or biostatistics are encouraged to apply. 	<p>Students will receive roundtrip transportation, housing, meal allowance, and full access to university computing systems, libraries, and other academic and recreational facilities. Transferable college credit may also be possible.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Terry Kirk.</p>
National Heart, Lung and Blood Institute (Massachusetts)	The Boston University Summer Institute for Training in Biostatistics (SIBS) is a 6-week program in which students can learn about the growing biostatistics field by taking courses in two widely used statistical computing software and interacting with practicing biostatisticians, epidemiologists, and statistical geneticists. Participants will also have the opportunity working hands-on with actual collected data by the National Heart, Lung and Blood Institute.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student OR recent graduate. ✓ Majoring in mathematics, science, or other quantitatively oriented areas of study. ✓ U.S. citizen or permanent resident. 	<p>Students will receive housing and meals for the duration of the program. Extracurricular activities hosted by the program will also be covered.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Dr. Anita DeStefano.</p>
National Heart, Lung and Blood Institute (North Carolina)	The Summer Institute in Biostatistics (SIBS) Program at North Carolina State University offers a 6-week program for students to learn about principles of applied biostatistics, gain hands-on learning by analyzing actual data, and interact with practicing biostatisticians and physicians. Students may also earn college credit as part of their participation in the program.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student, including seniors graduating in Spring before start of program. ✓ Majoring in mathematics, science, or other quantitatively oriented areas of study. ✓ U.S. citizen or permanent resident. 	<p>Housing, meals, travel expenses to and from the program, and some extracurricular activities are covered. Participants will also have access to university computing systems and libraries.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
National High Magnetic Field Laboratory (Florida)	The Research Experience for Undergraduates (REU) is an 10-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.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Must submit transcripts. ✓ Must be in first, second, third or senior year (not graduating in the Fall). 	<p>Each student receives a stipend and, if necessary, a travel stipend of up to \$600. Housing is covered by the program.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Roxanne Hughes.</p>
National Institutes of Health (District of Columbia)	The Introduction to Cancer Research Careers (ICRC) program gives highly qualified students and recent graduates the chance to participate in cancer research at the NCI. Selected candidates will interview with NCI Principal Investigators and potentially experience an internship in an NCI research lab or office. Interns will have the option to attend seminars on topics related to basic, clinical, biomedical and behavioral research, human health, healthy lifestyles, and health disparities. Interns will also be able to participate in professional development workshops during their time at NCI.	<ul style="list-style-type: none"> ✓ Undergraduate student OR post-baccalaureate (within two years) OR graduate student. ✓ U.S. citizen or permanent resident. ✓ 18 years of age or older. ✓ Cancer-related research interest from an underrepresented ethnic group. ✓ Academic minimum: 3.2 GPA. 	<p>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.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
National Institutes of Health (Maryland)	The NIH Community College Summer Enrichment Program (CCSEP) provides an opportunity for community college students interested in biomedical research to conduct research in an intramural lab at the NIH. Participants will attend workshops and courses to prepare for careers in health care and social, behavioral, and biomedical research. The program culminates with the Summer Poster Day, in which interns will showcase their project.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Enrolled at least half-time in a U.S. accredited Community College. ✓ At least 17 years old by June 15 ✓ Academic minimum: 3.0 GPA. ✓ Students without previous research experience are encouraged to apply. 	<p>Students will receive a monthly stipend based on education level and experience. Participants are responsible for housing. Funds for local transportation to and from the NIH are provided.</p> <p>For more information, visit the website. If you additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
National Institutes of Health (Maryland)	The Division of Cancer Epidemiology and Genetics hosts a research experience designed for students interested in exploring careers in cancer epidemiology and genetics. Students may also attend lectures offered under the NIH Summer Seminar Series, participate in DCEG meetings and seminars, attend formal NIH lectures, and participate in the DCEG Poster Day.	<ul style="list-style-type: none"> ✓ High school OR undergraduate OR graduate student (including medical and dental students). ✓ Must be 17 years of age or older by June 15. ✓ U.S. citizen or permanent resident. 	<p>Participants will receive a stipend based on academic level. Students are responsible for housing, meals, and transportation. *Note: Nearby housing is available.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
National Institutes of Health (Maryland)	Participants in the Summer Internship Program (SIP) work one-on-one with some of the leading scientists in the world. Trainees on the main campus in Bethesda, MD will attend a lecture series featuring distinguished NIH investigators, informal lunchtime talks on training for research careers, and participate in a trainee poster session.	<ul style="list-style-type: none"> ✓ Currently enrolled (at least half-time) high school OR undergraduate OR graduate student. ✓ U.S. citizen or permanent resident. 	<p>The stipend for trainees is adjusted annually.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
National Institutes of Health (Multiple locations)	The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) offers the Diversity Summer Research Program (DSRTP) , a 10-week internship that provides an independent summer research experience at an NIH laboratory to undergraduate students from groups under-represented in biomedical science or disadvantaged backgrounds who are interested in research careers.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student who has completed at least 1 year at an accredited institution. ✓ U.S. citizen or permanent resident. ✓ Academic minimum: 3.0 GPA. ✓ Must have insurance by the time of acceptance into the program. 	<p>Trainees receive a \$5,600 Student Participation Allowance for the 10 weeks and up to \$700 for travel expenses to research location (either Maryland or Arizona).</p> <p>For more information, visit the website. If you have additional questions, please send an email to Ms. Winnie Martinez.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
National Institutes of Health (Multiple locations)	The STEP-UP Program is designed to expose underrepresented and/or disadvantaged students to research in the areas of diabetes, endocrinology, metabolism, nutrition, obesity, and digestive, liver, urologic, kidney, and hematologic diseases. The program begins with an online ethics course, followed by travel to the assigned research location to begin the 10-week, full-time summer research experience. The program culminates with a trip to the Annual Undergraduate STEP-UP Scientific Session and Research Presentations in August. Students will present their summer research to peers, mentors, and scientific experts.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student. ✓ Academic minimum: 3.0 GPA. ✓ U.S. citizen, non-citizen national or legal permanent resident. ✓ Member of an underrepresented group in biomedical sciences OR have been diagnosed with a disability that substantially limits one or more major life activities OR from an economically disadvantaged background OR be the first generation in family to graduate from a four-year college or university. 	<p>Students will receive a stipend. In addition, accommodations and travel expenses to the Annual Undergraduate Scientific Session and Research Presentations in Atlanta, Georgia are provided. Students are responsible for travel to and from the research location, housing, ground transportation, parking, and meals.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Dr. Rob Rivers.</p>
National Science Foundation: Science and Technology Center (Multiple Locations)	BioXFEL is a National Science Foundation Science and Technology Center (STC) that focuses on promoting and advancing the study of Biological molecules using X-ray Free Electron Lasers (XFELs). BioXFEL offers Summer Research Internships where students will be given hands-on training in XFEL-related laboratory techniques. The internship also includes a scientific communications workshop, educational seminars and social activities. At the end of the 10-week program, students present their research results to the group.	<ul style="list-style-type: none"> ✓ U.S. citizens or U.S. Nationals. ✓ All applicants should be interested in pursuing a career in research. ✓ Women and minorities underrepresented in STEM fields are strongly encouraged to apply. 	<p>Interns will receive a \$5,000 stipend and the program will cover housing and travel expenses for those in need.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
National Science Foundation: Research Experience for Undergraduates (REU) (Multiple locations)	Keyword Search: Biological Sciences. 145 training program opportunities are available to undergraduate students interested in biological sciences. Programs vary in duration from 4 - 10 weeks.	<ul style="list-style-type: none"> ✓ U.S. citizen, non-citizen national or legal permanent resident. ✓ Check eligibility criteria per REU site. 	<p>All REU sites provide a stipend, housing, and meals.</p> <p>For more information, visit the website.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
National Science Foundation: Immigration and Broder Community Research Experience for Undergraduates (El Paso, Texas and Las Cruces, New Mexico)	The Immigration and Border Community – Research Experience for Undergraduates , is a unique opportunity to learn social science research methods while collaborating with local organizations to conduct in-depth research about the unique challenges faced by border communities. Successful applicants will spend 10 weeks in the El Paso/Las Cruces/Ciudad Juárez region during the summer.	<ul style="list-style-type: none"> ✓ U.S. citizen, U.S. nationals or Permanent Residents. ✓ At least sophomore standing in a social science discipline or related field. ✓ Academic minimum: 3.0 GPA ✓ Spanish language skills are preferred but not required. ✓ Must have valid passport. 	<p>Students will receive a stipend of \$5000 and meal expenses.</p> <p>Students traveling from outside the region will receive accommodation and \$500 towards their travel expenses.</p> <p>For more information, visit the website.</p> <p>If you have additional questions please send an email to Neil Harvey (NMSU) or Jeremy Slack (UTEP).</p>
NASA STEM Programs (Multiple locations)	NASA's One Stop Shopping Initiative (OSSI) is an innovative solution to support the STEM workforce. These internship opportunities are held over four campuses located at: Greenbelt, Maryland; Wallops Flight Facility, Wallops Island, Virginia; Goddard Institute For Space Studies, New York; and the Independent Verification and Validation Facility, Fairmont, West Virginia.	<ul style="list-style-type: none"> ✓ U.S. citizen. ✓ Currently accepted/enrolled full-time in an accredited U.S. college or university. ✓ Academic minimum: 3.0 GPA. ✓ Additional eligibility requirements may apply depending on the specific program. 	<p><i>*Note:</i> students may identify opportunities of interest; however, they cannot request to be considered for a specific internship program(s).</p> <p>For more information, visit the website.</p>
New York Medical College (New York)	The Summer Trainees in Academic Research (STAR) Program at New York Medical College, was created to enhance the research experience of undergraduate students who wish to conduct mentored scientific research over the summer. Trainees will participate in a journal club, attend weekly scientific seminars by faculty speakers, and present their research at the Research Forum at the end of the program.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate students at an accredited U.S. college or university. ✓ Minority groups underrepresented in the sciences are encouraged to apply. ✓ Prior research experience is not required. 	<p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
New York Stem Cell Foundation (New York)	The NYSCF Summer Internship Program is a ten week unique summer enrichment internship program that provides students a rare glimpse into the fast-paced world of stem cell research, insight into life at an entrepreneurial nonprofit research institute, exposure to career opportunities in science, and connections to valuable professional and peer networks.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident <p>Additional applicant requirements vary by internship position:</p> <p>Laboratory interns</p> <p>Engineering interns</p> <p>Programs interns</p>	<p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
New York University (New York)	The Sackler Institute of Graduate Biomedical Sciences and the Office of Minority Affairs offers a Summer Undergraduate Research Program (SURP) 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 biochemistry, biomedical imaging, cellular and molecular biology, and other fields. At the end of the summer, interns present research at the Leadership Alliance National Symposium (LANS).	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate students who have completed their sophomore or junior year. ✓ Completion of at least 1 full semester of bench laboratory research. ✓ Interest in biomedical research career. 	<p>Students will receive a \$3,500 stipend, housing, and roundtrip travel accommodations.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Amanda Tufekcier.</p>
Northeastern University (Massachusetts)	The Department of Biology at Northeastern University has a Summer Research Experience for Undergraduates Program that immerses students in the world of research science, exposing them to various aspects of scientific investigation and preparing them for biologic science careers via workshops, lectures, presentations, and field trips. The program culminates in a Summer Research Symposium, where students present their research.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student of rising sophomore through rising senior status, as of the start of the summer program. ✓ Strong interest in a career that involves scientific research. ✓ Women, first-generation college students, and students from groups underrepresented in the sciences are encouraged to apply. 	<p>Students will receive a \$5,750 stipend and free on-campus housing. Students are responsible for travel.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Rebeca Rosengaus or Wendy Smith.</p>
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. 	<p>Students will receive a \$4,500 stipend, round trip travel, on-campus housing, and \$200 for meals.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Oregon Health & Science University (Oregon)	The OHSU Equity Research Program offers an exciting opportunity for diverse undergraduate college students to spend eight weeks working on research projects alongside faculty, scientists and graduate students. Interns will receive mentoring and advising about their individual career pathway, weekly seminars, and the opportunity to present a scientific poster of their summer research project.	<ul style="list-style-type: none"> ✓ Undergraduate students (first bachelor's degree) from diverse, underserved, underrepresented, economically or socially disadvantaged backgrounds. ✓ Students who completed at least one full year of college coursework. ✓ U.S. citizen or permanent resident. 	<p>Students will receive a stipend of \$3,200. Limited support may be available for housing and travel assistance.</p> <p>For more information, visit the website. If you have additional question, please send an email to the program.</p>
Pathways to Science (Multiple locations)	Pathways to Science 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.	<ul style="list-style-type: none"> ✓ Please refer to the program's website or contact the respective administrator to review the eligibility criteria per program. 	<p>The stipend is adjusted annually.</p> <p>For more information, visit the website.</p>
Penn State College of Medicine (Pennsylvania)	The Summer Undergraduate Research Internship Program (SURIP) is 10-week internship intended for students who are interested in pursuing a career in the biological sciences. Potential research includes bioinformatics, bioengineering, imaging, clinical research, and public health. A variety of career development and scientific research seminars are offered weekly as part of the program. Each summer's program concludes with the Summer Undergraduate Research Symposium, where students present their work.	<ul style="list-style-type: none"> ✓ Typical participants will be between their sophomore and junior year, or between their junior and senior year of undergraduate studies. ✓ SURIP is most appropriate for students considering application to PhD programs in the biomedical sciences and is not intended for students who plan to apply to medical school. 	<p>Interns will receive a \$5,000 stipend. If living on-campus, the intern will be responsible for housing.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Purdue University (Indiana)	The Summer Undergraduate Research Fellowship (SURF) matches undergraduates with a faculty member and graduate student mentor who introduce them to the research tools used on the cutting edges of science, engineering, and technology. SURF students participate in research activities on campus over 10-weeks in addition to attending professional development seminars, enjoying social activities with other SURF students, and presenting research discoveries at the SURF Symposium.	<ul style="list-style-type: none"> ✓ Must be a full-time student currently enrolled at a U.S. institution of higher education in a bachelor's degree program. ✓ Must have completed one academic semester by the start of the SURF program and continue to be enrolled as an undergraduate the following academic year. ✓ Minimum GPA of 2.8. 	<p>Students receive a stipend of \$5,100 based on successful completion of the program. Purdue students are responsible for securing their own housing for the summer. External students will receive free housing at Purdue University for the duration of the program.</p> <p>For more information, visit the website.</p>
Quinnipiac University (Connecticut)	The Quinnipiac University Medical College Admission Test (MCAT) Immersion program is a six week program designed to increase the number of underrepresented students scoring competitively on the exam. All MCAT testing materials will be provided, but students MUST provide their own laptop computer.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Must be a college junior, senior, or postgraduate who has completed all prerequisite science courses with a cumulative grade point average of 3.0 or better. 	<p>All associated program fees and housing are covered with financial support, along with some travel reimbursement.</p> <p>For more information, visit the website.</p>
Rockefeller University (New York)	Students in the Summer Undergraduate Research Fellowship (SURF) 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. 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. <p><i>*Note:</i> SURF students are strongly encouraged to return during their college recesses to complete and/or extend their summer research projects.</p>	<p>SURF participants will receive a \$6,000 stipend and on-campus housing for students who cannot commute.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Roswell Park Cancer Institute (New York)	The Summer Research Experience Program in Cancer Science 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.	<ul style="list-style-type: none"> ✓ Undergraduate student of junior standing. ✓ U.S. citizen or permanent resident. 	<p>Interns will receive a \$6,000 stipend. Students are responsible for meals, housing, and transportation. <i>*The</i> program negotiates a housing option for out-of-town students at Canisius College for \$25 per night.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please email the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Rutgers University (New Jersey)	The Research Intensive Summer Experience (RISE) and Summer Undergraduate Research Fellowship (SURF) at Rutgers are nationally acclaimed summer research programs for outstanding undergraduates from diverse backgrounds. Scholars participate in 10 weeks of cutting-edge research in interdisciplinary areas under the guidance of carefully matched mentors.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Completion of at least the sophomore year. ✓ Interest in considering a future PhD program. ✓ 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 RISE and SURF websites.</p> <p>If you have additional questions, please send an email to the program.</p>
Sage Bionetworks (Washington)	Sage Bionetworks is seeking students who are self-starters with the ability to multitask and drive projects to completion for a 6-month, paid Software Engineering Internship . Accepted interns will join the technology team responsible for the design, creation, testing, and deployment of the Synapse and Bridge systems. This is a unique opportunity to gain hands on software development experience while working on a project that has the potential to make significant advances in the area of human health.	<ul style="list-style-type: none"> ✓ Are enrolled in an accredited degree program working towards a degree in computer science or a related discipline with at least one term to finish after the completion of the internship. ✓ Have the ability to commit to a 6 month, full time position. ✓ Have experience with a variety of operating systems (see their website for more information). 	<p>For more information, visit the website.</p>
San Francisco Department of Public Health (California)	SHARP (Summer HIV/AIDS Research Program) is an innovative 12-week summer mentored internship and learning experience designed to inspire students from underrepresented communities to pursue further studies and careers in public-health oriented research. Accepted interns will conduct a focused research project under the mentorship of experienced faculty. Interns will also attend a series of weekly seminars on topics including research design and methods, HIV prevention and approaches, substance & mental health research, professional development, health & racial equity, and possible research careers. There are also opportunities to shadow clinical trial and community outreach staff, attend community consultations on research, and participate in social and networking events.	<ul style="list-style-type: none"> ✓ Candidates must be legally eligible to work in the U.S. ✓ Must be currently enrolled in an undergraduate or certificate program or be a recent graduate (less than 2 years since graduation). ✓ Individuals from communities typically underrepresented in the field of research are strongly encouraged to apply. This includes African Americans, Latinx, persons of indigenous descent (including Native Americans, and natives of Alaska, Hawaii, and the US Pacific Islands), persons with disabilities, persons from disadvantaged backgrounds, and individuals who identify as transgender, lesbian, gay, or bisexual (LGBT). 	<p>Students will receive a stipend of approximately \$15/hour and support for local transportation within San Francisco is available.</p> <p>For more information, visit the website.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Scripps Research Institute (Multiple Locations)	The Scripps Research Institute offers a 10-week Summer Research Fellows (SURF) program for students interested in learning about biomedical research and careers. Students can apply to either the La Jolla campus in California or the Jupiter campus in Florida to conduct laboratory research alongside faculty, take GRE preparation courses, and to further explore this field of research through seminars and workshops. Interns will provide an oral presentation of their research at the end of the program.	<ul style="list-style-type: none"> ✓ U.S. citizen, permanent resident, or international students enrolled at a U.S. college. ✓ Academic minimum: 3.2 GPA. ✓ Students who are historically underrepresented in the sciences (i.e. African-American, Hispanic, Native Pacific Islander, or Native American students or first to college students) are especially encouraged to apply. 	<p>Students will receive a \$5,000 stipend and housing accommodations on-campus.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Siteman Cancer Center (Missouri)	The Leah Menshouse Springer Summer Opportunities Program hosted by the Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine is designed to provide students with hands-on cancer research experience for 10 weeks over the summer. Opportunities range from basic science research to clinical research to prevention/control and population research. In addition to completing a research project with a faculty mentor, participants also engage in a variety of other activities as part of the program, including tours of state-of-the-art cancer treatment and research facilities and weekly seminars on current areas of research and career building tools.	<ul style="list-style-type: none"> ✓ U.S. citizen, permanent resident, in possession of a F-1 visa through Washington University, or completing the optional practical training (OPT) on a F-1 visa through another university. ✓ Currently enrolled in undergraduate program at an accredited institution. * Diversity in academic study and research is key to scientific discovery, students with diverse backgrounds and experiences are strongly encouraged to apply. 	<p>Students will receive a \$6,200 stipend. Participants are responsible for their travel and housing. Housing is available on campus for out-of-town participants at summer term rates as space allows.</p> <p>For more information, visit the website. If you have additional question, please send an email to the program.</p>
Stowers Institute (Missouri)	The Stowers Summer Scholars Program is an intensive research internship at the Stowers Institute for Medical Research for those interested in a research career. The 8-week program provides the opportunity for students to participate in a research project, while working with a faculty mentor. Students will attend weekly science research seminars to explore different areas of research in addition to presenting their project findings at the conclusion of the program.	<ul style="list-style-type: none"> ✓ U.S citizen or permanent resident. ✓ Currently enrolled undergraduate student who has completed one year of studies by the start of the program. ✓ Academic minimum: 3.0 GPA. ✓ Majoring in biology, biochemistry, molecular biology, genetics, chemistry, physics, computing, engineering, mathematics, or a related field. 	<p>Students will receive a \$4,000 stipend, roundtrip travel, and on-campus housing during the program.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
St. Jude Children's Research Hospital (Tennessee)	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 ✓ Currently enrolled undergraduate student of at least sophomore standing OR graduate student preparing for a career in medicine or biomedical sciences. ✓ Prior research experience. 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. Participants are responsible for their travel expenses</p> <p>For more information, visit the website. If you have additional questions, please send an email to Dr. Suzanne Gronemeyer.</p>
Substance Abuse and Mental Health Services Administration's (SAMHSA) Center for Substance Abuse Prevention (Multiple Locations)	Through the SAMHSA Internship Program , interns gain practical experience through projects, special assignments, or research that support federal, state, and community-based programs, policies, and best practices in the prevention and treatment of substance abuse and mental illness. For fifteen weeks at the SAMHSA headquarters in Rockville, Maryland, each intern will be able to work under the guidance of a SAMHSA manager in a department whose function closely matches their course of study and field of interest.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Be enrolled and have completed their freshman year in a degree-seeking program (BA/BS, Masters, JD, MD, or Ph.D.) at an accredited higher education institution. ✓ Academic minimum 3.0 GPA 	<p>Students will receive a stipend.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Summer Health Professions Education Program (Multiple Locations)	The Summer Health Professions Education Program (SHPEP) is a summer enrichment program that strives to strengthen the academic proficiency and career development of students underrepresented in the health professions and prepare them for a successful application and matriculation to health professions schools. SHPEP is implemented at 12 universities across the nation. Each institution provides scholars with academic enrichment in the basic sciences and math, clinical experiences, career development activities, learning and study skills seminars, and a financial planning workshop. Program sites vary on how they deliver each of these required components and their program start date, to see a list of participating institutions visit the website .	<ul style="list-style-type: none"> ✓ U.S. citizen, permanent resident, or an individual granted deferred action for childhood arrivals (DACA) status by the U.S. Citizenship and Immigration Services. ✓ Currently enrolled as a freshman or sophomore in college. ✓ Identifies with a group that is racially/ethnically underrepresented in the health professions; OR comes from an economically or educationally disadvantaged background; AND/OR has demonstrated an interest in issues affecting underserved populations. 	<p>Students will receive a \$600 stipend, weekly meal allowance, on campus housing, and up to \$500 in travel expenses.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Summer Systematics Institute (California)	The California Academy of Sciences offers a 9-week paid research internship. Students are matched with a 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.	<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. 	<p>Students will receive a \$5,400 stipend. Travel to and from San Francisco will be provided. Housing will be provided in dormitories in San Francisco, with details to be provided upon selection of interns.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
SUNY Upstate Medical University (New York)	The Summer Undergraduate Research Fellowship (SURF) program is a 10-week program in which 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 and have the opportunity to see their work published. In the process, students will attend research seminars, present and participate in a student journal club, present their work, and participate in discussions on alternative careers in research and how to apply to graduate school.	<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. 	<p>Students will receive a \$3,500 stipend, as well as housing.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Tufts University (Massachusetts)	The Building Diversity in Biomedical Sciences (BDBS) Program offers a ten week, mentored research experience for students interested in pursuing future PhD or MD/PhD studies. 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.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Must have successfully completed at least one year of college. * The NIH and the Graduate School of Biomedical Sciences encourage applicants from members of groups that are under-represented in the biomedical sciences. 	<p>Trainees receive a \$4,000 stipend, travel expenses within the US, and are provided with on-campus housing.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Alabama at Birmingham (Alabama)	The PARAdiGM Undergraduate Research Program is to provide undergraduate students from disadvantaged and underrepresented minority backgrounds with an opportunity to explore the MD/PhD field for two summers. For 8 weeks, interns will be paired with a faculty member to conduct a research project and to join in on clinical experiences.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Sophomore or junior level college undergraduate. ✓ Academic minimum: 3.0 GPA. ✓ Students that have no local campus access to research experiences of physician-scientist role models and students from groups underrepresented in the sciences are encouraged to apply. 	<p>Students will receive a \$3,200 stipend and campus housing. Students are responsible for travel expenses.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Randy L Seay.</p>
University of Alabama at Birmingham (Alabama)	The Summer in Biomedical Sciences (SIBS) Undergraduate Research Program provides an opportunity for 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. 	<p>Students will receive a \$3,200 stipend as well as on campus housing. Students will be responsible for travel expenses.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the Randy L Seay.</p>
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; give an understanding of the approaches, issues, and research methodologies in a chosen field; encourage students to consider advanced study in the discipline of their choice; prepare students to be competitive in the graduate application process and beyond; and enhance leadership skills through personal development workshops and interaction with peers.	<ul style="list-style-type: none"> ✓ 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. 	<p>Students will receive a \$5,000 stipend and six units of upper-division undergraduate course credit (tuition and fees paid by the University and the Graduate College).</p> <p>For more information, visit the website. If you have additional questions, please send an email to Donna Treloar.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Arkansas for Medical Sciences (Arkansas)	The Summer Undergraduate Research Fellowship (SURF) at UAMS is a 10-week program offering intensive summer research training to undergraduate students who are interested in graduate school and a career in biomedical research. Trainees will have the opportunity to experience what it is like to work in a research laboratory and perform biomedical research in pharmacology or toxicology. At the end of the SURF Program, fellows present their research during a symposium to each other and to the department.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled student in your sophomore or junior year at an accredited U.S. college or university. ✓ Academic minimum: 3.0 GPA. ✓ Are seriously considering a biomedical research career as a Ph.D. or M.D.-Ph.D. 	<p>Students will receive a \$3,000 stipend. After the summer program has ended, students may also apply for a travel award through ASPET to attend the annual Experimental Biology meeting to present their research in poster format.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program coordinator, Sylvia Stewart.</p>
University of Arkansas for Medical Sciences (Arkansas)	The UAMS Summer Undergraduate Research Program (SURP) is a 9-week program designed to provide students with experiences in cardiovascular, pulmonary, or hematologic research. SURP participants will conduct a research project with a UAMS faculty mentor. At the end of the summer, students will present their summer research and submit a 2-page paper summarizing their research project and results. SURP participants are also required to attend weekly lectures throughout the summer.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident ✓ Minimum GPA of 2.5 ✓ Applicants must have completed at least one year of undergraduate education to be eligible * Applicants who are a member of an underrepresented group, disabled, or from a disadvantaged background are encouraged to apply. 	<p>Students will receive a \$3,600 stipend for the 9-week period. Students who live outside of Little Rock and surrounding cities may be eligible for a per diem of \$2,400 for housing and travel reimbursement.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Dr. Latrina Prince.</p>
University of California, Berkeley (California)	The Summer Research Experience for Undergraduates is designed to expose participating students to core Molecular, Cell, Developmental, Evolutionary, and Ecosystem Biology. 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. Students will prepare an abstract on their project and are encouraged to submit it for poster presentations at national meetings. During the last week, a mini-symposium will permit the participants to share their accomplishments.	<ul style="list-style-type: none"> ✓ Must be a U.S. citizen or permanent resident. ✓ Enrolled full-time at a four-year college or university. Rising juniors will be given preference. ✓ Must have completed at least one course in biology and chemistry before applying. 	<p>Students will receive a \$6,000 stipend, on-campus housing, some meals, and travel support (up to \$600).</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of California, Davis (California)	The Hugh Edmondson Summer Research Internship Program offers a 8-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.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of freshmen, sophomore, or junior standing. ✓ Demonstrated interest in the health sciences. 	<p>Participants will receive a \$2,000 stipend, as well as assistance finding housing if needed.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Gabriela Lee.</p>
University of California, Irvine (California)	The Summer Undergraduate Research Fellowship (SURF) at UC Irvine offers students with outstanding academic potential an opportunity to work closely with faculty mentors on research projects. The program provides students who plan to pursue a PhD and enter academic careers with the tools needed to facilitate the application process. Students are matched with professors who relate to their desired research.	<ul style="list-style-type: none"> ✓ Currently enrolled full-time undergraduate student of sophomore, junior or senior standing. ✓ Academic minimum: 3.0 GPA ✓ U.S. citizen or permanent resident. ✓ Member from educationally disadvantaged or underserved backgrounds are encouraged to apply. 	<p>SURF participants will receive a \$4,000 stipend, as well as campus housing and roundtrip travel compensation up to \$500.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Mariela Menedez.</p>
University of California, Los Angeles (California)	The UCLA Public Health Scholars Training Program provides undergraduate students the opportunity to explore the field of public health through hands-on training, structured workshops, group excursions, and leadership and professional development. The program works with community-based organizations, health systems, and government agencies to offer field placement opportunities for scholars that focus on health equity. Scholars are placed at these partnering organizations throughout Los Angeles where they are exposed to the spectrum of public health practice and provided with professional mentors.	<ul style="list-style-type: none"> ✓ Interest in exploring a career in the field of public health. ✓ By the start of the program, students must be enrolled in a four-year institution and have completed at least two years of undergraduate education OR graduated Spring term 2020 or after and have not officially enrolled in a graduate program. ✓ Willingness to attend social and volunteer events on evenings and occasional weekends 	<p>Scholars will receive a \$3,000 stipend, housing, funding to cover some meals, and metro pass or funding for gas. Scholars that do not live in California will receive funds for travel to and from the program in Los Angeles. Scholars attend a paid trip to the Centers for Disease Control and Prevention in Atlanta, Georgia with Public Health Scholars from other programs across the nation</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of California, Los Angeles (California)	Bruins-In-Genomics (B.I.G.) Summer Research Program is an 8-week full-time immersion program for undergraduates interested in quantitative and computational biology and learning how to read and analyze genes and genomes. Through this program students will have the opportunity to experience graduate-level coursework, and learn the latest cutting-edge research, tools and methods used by leading scientists to solve real-world problems.	<ul style="list-style-type: none"> ✓ U.S. citizen, permanent resident, or F-1 visa holder. ✓ Rising junior or senior. ✓ GPA of 3.0 or higher. ✓ Some familiarity with at least one programming language (e.g. python, pearl, R, Java, MATLAB, etc.). 	<p>Participants will receive a \$4,200 stipend and on campus housing. Additional funds are also available for GRE prep courses and for travel allowances.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
University of California, Los Angeles (California)	The Summer Program for Undergraduate Research - Life and Biomedical Sciences (SPUR-LABS) 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. The program aims to contribute to diversity 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 permanent resident. ✓ Completed at least two years of undergraduate study by start. ✓ Minimum GPA 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>Participants will receive a \$4,000 stipend for 8 weeks and \$5000 for 10 weeks, on campus room and board, and up to \$500 in travel allowance for out of state students (\$250 for California residents). Additionally, a fee waiver for UCLA Graduate Application is offered to program participants.</p> <p>For more information, visit the website. If you have additional questions, please email the program.</p>
University of California, San Diego (California)	The MSTP Summer Undergraduate Research Fellowship is a program for students who are interested in pursuing an MD/PhD degree in the biomedicine and medical sciences. Students will conduct an 8-week research project with a faculty mentor in a biomedical sciences laboratory, shadow a physician-scientist on clinical experiences, attend career development and weekly seminars, and have the opportunity to present research at the end of the program.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident, currently enrolled at an accredited school or university of at least sophomore standing OR currently enrolled at a community or junior college in at least three courses per academic term and having completed six courses OR ✓ Member of a traditionally underrepresented racial or ethnic group in the health-related sciences OR an individual with a disability OR an individual from disadvantaged backgrounds. 	<p>Students will receive a \$4,160 stipend, on-campus housing, and roundtrip travel allowance (up to \$500). Students are responsible for meals.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of California, San Francisco (California)	Students selected for the UCSF Summer Research Training Program (SRTP) spend up to ten weeks working with UCSF faculty members on research projects. Participants in the program take part in seminars, lectures, and social events, creating a cohesive and supportive community. At the end of the program, students give presentations of their research and get valuable feedback from students, postdocs, and faculty at UCSF.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently-enrolled undergraduate student that has completed at least four semesters or six quarters of undergraduate study prior to the beginning of the program 	<p>Students will receive a \$4,000 stipend, up to a \$500 allowance for travel to and from San Francisco, housing in San Francisco (double-occupancy), health insurance coverage, and public transportation pass.</p> <p>For more information, visit the website. If you have additional questions, please contact Dr. D'Anne Duncan.</p>
University of Chicago (Illinois)	The Pritzker School of Medicine Experience in Research (PSOMER) is an 8-week summer program designed to provide faculty-mentored research experience and education. The program concludes with a mandatory research presentation forum at the end of the summer.. Students will also receive mentorship and guidance from Pritzker Medical School students and staff. This includes advising sessions with Pritzker admissions officers and social events with Pritzker and University of Chicago summer research program students.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of rising junior or senior standing. ✓ U.S. citizen or permanent resident. ✓ Must submit proof of health insurance. 	<p>Students will receive a \$3,200 stipend, as well as on-campus housing and a meal allowance.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Walter Parrish.</p>
University of Chicago (Illinois)	The Leadership Alliance and UChicago Summer Research–Early Identification Program (SR-EIP) is a nine-week, internship that provides undergraduates with training and mentoring in the principles of conducting research and prepares them to pursue a PhD or MD-PhD. Students will participate in several program activities that will allow them to interact with other members of the academic community and summer research programs at the University of Chicago such as weekly workshops/panel discussions, the University of Chicago Research Symposium, The Virtual Leadership Alliance National Research Symposium, and a number of recreational activities.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident ✓ Currently enrolled undergraduate student who has completed at least two semesters of college and have at least one semester of undergraduate education remaining by the start of the summer program ✓ Minimum GPA of 3.0 ✓ Demonstrate a committed interest to pursuing a PhD or MD-PhD. 	<p>Students will receive a \$3,700 stipend. Participating students are eligible for reimbursement of approved expenses associated with round-trip travel to the University of Chicago from the student's home city.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Dr. Victoria Flores.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Cincinnati (Ohio)	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"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate female student at UC. 	<p>Students will receive a \$4,500 stipend for the 12-week program. Housing and other living expenses are not covered by the program.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Heather Norton.</p>
University of Cincinnati College of Medicine (Ohio)	The Summer Undergraduate Research Fellowship (SURF) program provides an opportunity for students to gain hands-on research experience in a biomedical facility under the supervision of a principal investigator. Research opportunities range from molecular biology to animal physiology and behavior. The 10-week program has a flexible start and end date, but typically takes place between May and August.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student (part-time or full-time) of sophomore or junior standing majoring in the sciences (e.g.: Biology, Chemistry, Biochemistry, Neuroscience, Biomedical Engineering, Physics, etc.). 	<p>Students will receive a \$4,000 stipend. Interns are responsible for housing, meals, and transportation. <i>*Note: UC Housing has extended special pricing for all SURF students who wish to live in UC Housing.</i></p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
University of Cincinnati College of Medicine (Ohio)	The Summer Undergraduate Research Fellowship in Neuroscience (SURF-N) is a 10-week opportunity to learn about careers in the neuroscience field. Students are paired with faculty that work in areas such as neurological/psychiatric disorders, addiction, and neurotoxicity and conduct an independent research project that will be presented at a poster session at the end of the program.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of sophomore or junior standing. (Seniors may be considered if their expected graduation date is at least six months after the fellowship term ends.) ✓ Academic minimum: 3.0 GPA. ✓ U.S. citizen or permanent resident. 	<p>Students will receive a \$4,000 stipend.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
University of Colorado at Boulder (Colorado)	The Summer Multicultural Access to Research Training (SMART) program is a 10-week research internship that prepares undergraduate students for graduate programs in science, technology, engineering, and math. Students will participate in research under the guidance of faculty mentors and attend weekly workshops on scientific writing and presenting, GRE preparation, and the graduate school application process.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate students of at least sophomore standing who will not graduate by the program start date. ✓ Member of a group traditionally underrepresented in the sciences according to federal guidelines OR be a first-generation college student who is economically disadvantaged. 	<p>Students will receive a \$5,000 stipend, as well as roundtrip travel, room and board, and tuition for upper-division undergraduate credits at UC Boulder.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Colorado, Denver (Colorado)	The CU-Graduate Experience for Multicultural Students (GEMS) Summer Research Program is an opportunity for students to participate in lectures, professional development workshops, and a mentored laboratory research project in basic and/or clinical science laboratories at the UC-Denver Anschutz Medical Campus. Participating labs include, but are not limited to: biochemistry and molecular genetics; cancer biology; cell and developmental biology; and reproductive science.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of at least sophomore standing with aptitude in one or more laboratory science courses. ✓ Academic minimum in the sciences: 3.2 GPA. Overall academic minimum: 3.0 GPA. ✓ U.S. citizen or permanent resident. 	<p>Students will receive a \$4,000 stipend and roundtrip travel. Out-of-state participants will be housed in shared student dorms; however they will need to pay for meals, local transportation, and a portion of room and board expenses with stipend.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
University of Colorado, Anschutz Medical Campus (Colorado)	The Gates Center Summer Internship Program (GSIP) encourages outstanding undergraduates to consider careers in biomedical research in an academic or industry setting by providing state-of-the-art training opportunities at the Gates Center.	<ul style="list-style-type: none"> ✓ Currently enrolled in an undergraduate program in a science-related major. 	<p>Interns will receive a \$5,000 stipend. The program does not provide housing.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
University of Colorado, Anschutz Medical Campus (Colorado)	The Cancer Research Experience for Undergraduates (CREU) Program provides opportunities for undergraduates to spend 10 weeks conducting cancer research in the laboratory of a faculty mentor on the Anschutz Medical Campus. This program is intended for students who wish to explore a career in cancer research. In addition to laboratory research, the program includes workshops and weekly seminars on clinical applications of cancer research, new technologies, and tools for career development.	<ul style="list-style-type: none"> ✓ US citizens or permanent residents. ✓ Currently enrolled undergraduates or recent college graduates. ✓ Students with an interest in pursuing graduate studies in the biomedical sciences ✓ Disabled, minority, or disadvantaged students are especially encouraged to apply 	<p>Participants will receive a \$6,000 stipend, \$1,000 towards housing and a travel allowance (if from outside of Colorado).</p> <p>For more information, visit the website. If you have additional questions, please send an email to the Program Manager, Jill Penafiel.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Connecticut (Connecticut)	The UConn Health Center invites applications for a limited number of summer research internships for the Undergraduate Summer Research Internship Program in Biological and Biomedical Sciences . Highly qualified and motivated undergraduate students with an interest in obtaining a PhD in the biological and biomedical sciences are encouraged to apply. Students will have the opportunity to participate in research activities under the direction of a faculty member. The purpose of the program is to provide a research experience and the opportunity to learn about ongoing research programs at UConn Health.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student at least of sophomore standing. ✓ U.S. citizen, permanent resident, or an international student with a F-1 student visa. ✓ Interest in pursuing a PhD in the biological and biomedical sciences. 	Participants will receive a \$3,500 stipend. Students are responsible for travel, housing, and meals. For more information , visit the website . If you have additional questions, please send an email to the program .
University of Illinois (Illinois)	The Graeme Carnegie Fellowship is an 8-week (~40/hrs week) competitive research-intensive experience in the Department of Pharmacology at the University of Illinois College of Medicine in Chicago. Awardees will attend departmental seminars, presentations by guest speakers, a contemporary scientific methods course, and laboratory meetings. Participants are expected to prepare a research proposal in conjunction with their faculty mentor prior to the start of program. Students will present their work in a departmental seminar at the conclusion of the program.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of sophomore or junior standing. ✓ 3.5 GPA or higher. ✓ Interest in pursuing a PhD in biomedical sciences or a related field. 	Students will receive a \$4,500 stipend to cover room, board, travel, and other expenses incurred during the program. For more information , visit the website . If you have additional questions, please send an email to the program .
University of Illinois at Urbana-Champaign (Illinois)	The University of Illinois at Urbana-Champaign offers a cross-discipline summer research program that provides students from populations underrepresented in graduate study with an opportunity to explore careers in research. 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 of junior academic standing (or those who will not graduate before December 2021). ✓ Academic minimum: 3.0 GPA. 	Students will receive a \$4,000 stipend, as well as room and board and travel expenses to and from the campus (for non-UI students). For more information , visit the website . If you have additional questions, please send an email to the program .

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Iowa (Iowa)	The Biomedical Summer Undergraduate Research Program (BSURP) is intended for undergraduate students to gain laboratory research experience in biochemistry. Students will conduct research with a faculty mentor and participate in seminars and workshops to explore graduate education and careers in the sciences. Students will also present their research at the end of the program.	<ul style="list-style-type: none"> ✓ Students who have completed the sophomore or junior year, majoring in any area of the biological sciences at an accredited four-year college or university, are eligible. ✓ Women and members of underrepresented minority groups are encouraged to apply. 	<p>Students will receive a competitive stipend, on-campus housing and up to \$500 for travel to and from Iowa City.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
University of Iowa (Iowa)	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. The focus of the program is a hands-on research project conducted under the guidance of faculty and graduate student mentors. Students will also attend lectures to broaden their understanding of microbiology and educate them about graduate school and career options.	<ul style="list-style-type: none"> ✓ Will return for at least one semester of undergraduate study before graduation, majoring in a Biological Science, and intend to pursue graduate school and a career in biological research. ✓ U.S. citizen or permanent resident. ✓ Limited access to research opportunities at their institution. 	<p>Students will receive a \$6,000 stipend plus \$630 for incidental expenses. Housing and travel costs are paid by the program.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
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 10-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. ✓ Be a rising junior or senior (your earliest anticipated graduation should not be before December 2021). ✓ Major in biological or physical science (including biomedical engineering). ✓ Prior research experience. 	<p>Participants will receive a \$4,150 stipend, on-campus housing, and a round-trip travel allowance.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
University of Kentucky (Kentucky)	The Summer Program in the Biochemical Sciences is a 10-week program in which motivated undergraduates conduct laboratory research. Interns will learn and build on basic lab techniques to create a project, which will be presented at the conclusion of the program. Students will also learn more about various scientific research careers. The goal of the Program is to encourage student participants to pursue careers in the biochemical sciences.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student of freshman, sophomore or junior standing. ✓ Residents of Appalachia and/or underrepresented minorities in the sciences are especially encouraged to apply. 	<p>Participants will receive a stipend and on-campus housing. Reasonable travel expenses can be reimbursed.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Dr. Trevor Creamer.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Maryland (Maryland)	The Greenebaum Cancer Center offers the Nathan Schnaper Intern Program in Translational Cancer Research (NSIP) , a 10-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: Cancer drug resistance, Signal transduction, Programmed cell death, Molecular pharmacology, and 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 student interested in cancer research. ✓ Strong academic background in the arts and sciences. ✓ Academic minimum: 3.2 GPA. ✓ U.S. citizen or permanent resident. ✓ Underrepresented minorities are encouraged to apply. 	<p>Students will receive a \$4,000 stipend, housing is available, and a travel allowance (up to \$500).</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
University of Maryland, Baltimore County (Maryland)	The Summer Biomedical Training Program 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: 3.0 GPA. 	<p>Students will receive on-campus housing and a stipend.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Justine Johnson.</p>
University of Maryland Reed-Yorke Health Professions Advising Office (Maryland)	The Reed-Yorke Health Professions Advising Office showcases a variety of summer programs for undergraduate students who are interested in research or medical careers.	<ul style="list-style-type: none"> ✓ Please refer to the program's website or contact the respective administrator to review the eligibility criteria per program. 	<p>For more information, visit the website.</p>
University of Massachusetts (Massachusetts)	The University of Massachusetts Medical School (UMMS) Summer Undergraduate Research Program is a program designed to provide participants in-depth exposure to actual bio medical research. Participants will create career-building connections between researchers, post docs, graduate students, and peers. The program encourages participants to consider biomedical research as a viable career choice.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ GPA must be in good academic standing. ✓ Participants must have proof of health insurance coverage prior to acceptance to the program. 	<p>Fellows will receive a stipend of \$4000. Travel and housing is paid for and arranged by the program. Transportation is provided week days to and from the campus.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Medicine and Dentistry School of New Jersey/ Rutgers University (New Jersey)	The goal of the Summer Undergraduate Research Program in Neuroscience (NeuroSURP) is to increase student knowledge 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. ✓ Should clearly articulate an interest in neuroscience and in pursuing a career in neuroscience related research. 	Students 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 Joan Mordes .
University of Michigan (Michigan)	The University of Michigan offers several summer undergraduate research opportunities in science, technology, engineering, and mathematics (STEM). Programs include, but are not limited to: <ul style="list-style-type: none"> • Cardiovascular Center Summer Research Fellowship • Cancer Research Summer Internship Program (CaRSIP) • Michigan Health Sciences Undergraduate Research Summer Academy (MHSURA) • Summer at Michigan for Undergraduate Research Training (UM-SMART) • Life Sciences Institute Perrigo Undergraduate Summer Fellowship • Neuroscience Undergraduate Research Opportunity (NURO) 	<ul style="list-style-type: none"> ✓ The eligibility criteria vary per program. Please visit each program's website. 	For more information , visit each program's website .
University of Minnesota (Minnesota)	The 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 and will not be graduating by the program start date. ✓ Interested in the life sciences. 	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 the program .

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Mississippi (Mississippi)	The Summer Undergraduate Research Experience (SURE) at the University of Mississippi Health Center places students in laboratories at UMMC under the mentorship of a biomedical researcher. In addition to the laboratory experience, students attend seminars and discussions aimed at enhancing their understanding of the current status of biomedical research and the career opportunities available. Students may also participate in weekly journal clubs and seminars, as well as taking part in various social and networking activities.	<ul style="list-style-type: none"> ✓ This program is open to students who have excelled in high school or in their undergraduate years in college ✓ Applicants who are residents of the state of Mississippi are strongly encouraged to apply 	<p>Students will receive a \$4,000 stipend for the 10-week internship.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the Program Manager, Jessica Bowman.</p>
University of Nebraska (Nebraska)	The University of Nebraska Medical Center hosts the Summer Undergraduate Research Program (SURP) 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.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Freshman, sophomore, junior standing or December graduate. ✓ GPA minimum of 3.4. 	<p>Students will receive a \$3,000 stipend. Interns are responsible for housing, meals, and transportation.</p> <p><i>*Note:</i> Nearby housing is available.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
University of New Mexico (New Mexico)	The Undergraduate Pipeline Network Summer Research Program (UPN) seeks to cultivate students' interest in research while helping them attain skills needed to apply for and succeed in post-baccalaureate education. The program provides the opportunity for students to choose from several areas of research at the University of New Mexico's Health Sciences Center. Each scholar is mentored during the program by a faculty member and has a research project that provides the student with sufficient opportunity to demonstrate his/her ability to conduct independent research. Scholars will present their research project to the scientific community during the program's competitive poster symposium.	<ul style="list-style-type: none"> ✓ Minimum 3.0 GPA. ✓ Enrolled undergraduate at the time of the program and a graduation date no earlier than the December following the program. ✓ Currently attend a college or university in the United States. ✓ US Citizen or Permanent Resident. 	<p>The UPN Program awards each scholar a summer experience package to cover a stipend, activity fees and some meals. The total package is worth approximately \$5,000.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of North Carolina – Chapel Hill (North Carolina)	The Summer of Learning and Research (SOLAR) program is an intensive 10-week opportunity for students to engage in scientific research and to prepare for careers in science. Students will receive mentored research on an independent project, weekly GRE preparation courses, career mentoring and professional development workshops, and the chance to present research findings at the end of the summer.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of rising junior or senior standing from underrepresented populations. ✓ Students must have their own funding (as part of MARC, RISE, McNair, LS-Amp, or like program). ✓ Majoring in a STEM field. ✓ Academic minimum: 3.0 GPA. 	<p>Participants will receive a stipend and housing accommodations.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
University of North Carolina – Chapel Hill (North Carolina)	The Carolina Summer Fellowship (CSF) Program is a research program for undergraduate students that is designed to give students planning a career in the biomedical sciences an opportunity to conduct research under the direction of a research pharmacologist and to gain knowledge and skills in scientific communication and networking.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student at any college or university. ✓ U.S. citizen or permanent resident. 	<p>Participants will receive a \$4,000 stipend, free on campus housing, and a food allowance.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program director, Nicole Arnold.</p>
University of North Carolina School of Medicine– Chapel Hill (North Carolina)	The Medical Education Development (MED) program is a nine week internship that provides an opportunity for students from underrepresented backgrounds to experience the rigors of the medical school curriculum while shadowing physicians, developing clinical skills through patient simulation, and participating in professional development seminars designed to enhance the student’s appreciation for and deepen their understanding of the medical professions.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Rising senior undergraduate or post-graduate. ✓ GPA of 2.75 or higher is recommended. ✓ Students who belong to groups traditionally underrepresented in the sciences or with limited access to research opportunities are strongly encouraged to apply. 	<p>Participants will receive a \$3,000 stipend and on campus housing.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Claudis Polk or Lisa Long.</p>
University of Notre Dame (Indiana)	The Research Experience for Undergraduates (REU) program consists of 10 weeks of full-time research, a research proposal process, a weekly seminar program, regular group meetings in their research labs, special workshops on career choices in the sciences, integrative research, ethics, and scientific communication. Lastly, participants will give a formal presentation at the end of the summer in the Summer Symposium.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of freshmen, sophomore, junior, or non-graduating senior standing majoring in biological sciences. ✓ U.S. citizen or permanent resident. ✓ Primary interest in a career in biological research. 	<p>Students will receive a \$5,500 stipend for 10 weeks of full-time research, which is inclusive of lab supplies, on-campus housing, meals, and travel (up to \$500).</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Dr. Michelle Whaley.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Oregon (Oregon)	The R25 Summer Research Program (NIH UO R25) provides a research opportunity for students to participate in ongoing National Institute of Child Health and Human Development (NICHD) funded research. Students will conduct research with a faculty mentor, attend research seminars and professional workshops, and present their research at the conclusion of the program. Research areas include, but are not limited to: biochemistry, developmental biology, human physiology, structural biology & biophysics.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student, having completed at least one year of undergraduate coursework by summer. ✓ Students who belong to groups traditionally underrepresented in the sciences or with limited access to research opportunities are strongly encouraged to apply. 	<p>Students will receive a summer stipend, round trip travel from home, room and board during the program, and a summer pass to the UO Student Recreation Center.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
University of Oregon (Oregon)	The Research Experiences for Undergraduates Summer Program in Molecular Biosciences (UO-REU) is a research opportunity for undergraduates to receive laboratory research experience. Students will conduct in a research lab with a mentor, explore careers in the sciences, and present their research at the end of program. Program objectives include broadening participation of minority researchers and enhancing opportunities for students with limited access to research experiences.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student, having completed at least one year of undergraduate coursework by summer. ✓ Students who belong to groups traditionally underrepresented in the sciences or with limited access to research opportunities are strongly encouraged to apply. 	<p>Students will receive a summer stipend, round trip travel from home, room and board during the program, and a summer pass to the UO Student Recreation Center.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
University of Oregon (Oregon)	The 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.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Completed at least one year of undergraduate coursework by summer. Post-baccalaureate students are also eligible to participate. ✓ Considering a career in research science. ✓ Must have health insurance. 	<p>Students will receive a summer stipend, round trip travel from home, room and board during the program.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Pennsylvania (Pennsylvania)	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.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student in a four-year college. Preference is given to rising juniors and seniors. ✓ Must be enrolled for fall semester after program ends. ✓ U.S. citizen or permanent resident. ✓ Members of underrepresented minority groups, disadvantaged backgrounds, with disabilities or who attend small colleges are encouraged to apply. 	<p>Students will receive a stipend, on-campus housing, and roundtrip travel.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
University of Pennsylvania (Pennsylvania)	The Undergraduate Student Scholars Program in the NIH Center for Molecular Studies in Digestive and Liver Diseases 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. 	<p>Students will receive a competitive stipend. While not included, on-campus housing is available.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
University of Pittsburgh (Pennsylvania)	The Center for Neuroscience at University of Pittsburgh offers a 10-week Summer Undergraduate Research Program for qualified students to conduct research in relation to the nervous system. Students will work with a faculty mentor to learn about the challenges and rewards of neuroscience research. Areas of interest may feature, but are not limited to: neuroanatomy and neurophysiology; brain imaging & Computer simulations; and neuropsychology or behavioral assessment.	<ul style="list-style-type: none"> ✓ Currently enrolled (full-time) undergraduate student that is of sophomore or junior standing at a U.S. college or university. ✓ Academic minimum: 3.0 GPA. 	<p>Students will receive a \$4,000 stipend, housing, and transportation tickets to ride the Port Authority public transportation buses. Students are responsible for own meals and roundtrip travel to Pittsburgh.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Dr. Jon Johnson.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Pittsburgh (Pennsylvania)	The Summer Premedical Academic Enrichment Program (SPAEP) is designed to prepare and support students interested in the medical field. Students can opt for Level I, which is a 7-week curriculum to strengthen academic skills and to explore careers in medicine, or Level II, which is a 7-week program to conduct laboratory research with a physician scientist and receive MCAT preparation.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of sophomore or junior standing. ✓ U.S. citizen or permanent resident. ✓ Must submit proof of health insurance and provide updated health record information. 	<p>Students receive a \$1,000 stipend, housing, travel assistance, and meal tickets.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
University of Pittsburgh (Pennsylvania)	The Summer Undergraduate Research Program at the University of Pittsburgh is a 10-week intensive research opportunity for interns to develop and improve on laboratory research skills. Interns will participate in weekly seminars, lab meetings, and conduct research with a faculty mentor. The findings of the research project will be presented at the end of the program. Research areas include, but are not limited to: cellular and molecular pathology, molecular genetics and developmental biology, molecular pharmacology, and molecular virology and microbiology.	<ul style="list-style-type: none"> ✓ Applicants must have completed their sophomore or junior year of undergraduate training before the start of the program. ✓ Minimum GPA of 3.0. ✓ Students who belong to groups traditionally underrepresented in the sciences are strongly encouraged to apply. 	<p>Students receive a \$3,500 stipend, on-campus housing, and roundtrip travel support (up to \$500).</p> <p>For more information, visit the website. If you have additional questions, please send an email to Carol Williams.</p>
University of Pittsburgh (Pennsylvania)	The Training and Experimentation in Computational Biology (TECBio) REU is a program designed to provide graduate-level research experience to undergraduate students. Students will receive classroom trainings on the basics of computational biology, including computational genomics and bioimage informatics. Students will also conduct a research project, participate in research and career seminars, and have the opportunity to present their project findings at the conclusion of the program.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of sophomore or junior standing. ✓ Majoring in life, physical, computer sciences or engineering. ✓ U.S. citizens or permanent residents. ✓ Students who belong to groups traditionally underrepresented in the sciences or from small colleges and universities are strongly encouraged to apply. 	<p>Students receive a \$5,750 stipend, housing, roundtrip travel support (up to \$500), and access to network and computing facilities.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Kelly Gentile.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Rochester (New York)	The Summer Scholars Program is for undergraduate students interested in a 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 10-week, hands-on, 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). <p><i>*Note:</i> Women and students from underrepresented ethnic/racial groups are encouraged to apply.</p>	<p>Students will receive a \$450 weekly stipend in addition to on-campus housing. Travel reimbursement may be available to students who qualify.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Ben Lovell.</p>
University of Rochester (New York)	The Summer Undergraduate Research Fellowship (SURF) program is a ten-week academic program designed to strengthen the science, clinical, and research skills of selected college students to enhance their competitiveness for careers in medicine and the biomedical sciences. Program participants conduct research in a medical center laboratory under the mentorship of faculty. The program includes seminars and activities, which allow for formal and informal discussions. Students are also exposed to weekly lectures/seminars, gross anatomy lectures and labs, clinical rotations in the Emergency Department, Problem-Based Learning sessions to enhance their critical thinking and problem-solving skills, MCAT review/testing and mock interviews.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident (F1 visas also acceptable). ✓ Rising junior and senior undergraduates are encouraged to apply. ✓ Women and students from underrepresented ethnic/racial groups are encouraged to apply. 	<p>Students are given a stipend, which is distributed during the program to cover personal expenses. University housing is provided at no cost for the entire duration of the program.</p> <p>For more information, visit the website or review this brochure. If you have additional questions, please send an email to the program.</p>
University of Texas MD Anderson Cancer Center (Texas)	The Cancer Prevention & Research Institute of Texas (CPRIT)-CURE Summer Undergraduate Research program is a 10-week research program designed for outstanding undergraduate students who are interested in pursuing a career in cancer research. The program provides an interactive laboratory-based research experience with prestigious mentors at MD Anderson Cancer Center. Students will attend scientific lectures, seminars and career development events, and will have the opportunity to present their work at a poster session at the end of the program.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student of freshman, sophomore, or junior standing. ✓ Academic minimum: 3.0 GPA. ✓ Interest in pursuing PhD or MD/PhD programs. 	<p>Participants will receive a stipend up to \$6,000. This stipend is intended to cover housing, living, and travel expenses.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Dr. Stephanie Watowich.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Texas MD Anderson Cancer Center (Texas)	The Summer Undergraduate Research Program (SURP) is a 10-week research program that offers hands-on experience in biomedical, translational or clinical research for undergraduates interested in basic science. Students will be matched with a faculty mentor to conduct cutting-edge biomedical research. Students will also participate in weekly lectures, career conversations with faculty, and elevator speech workshop and a competitive poster session.	<ul style="list-style-type: none"> ✓ U.S. citizen, permanent resident, or international student on F1 or J1 visa. ✓ Currently enrolled undergraduate student who have completed their first two years of scientific training. ✓ Demonstrate an interest in scientific investigation. 	<p>Students receive a stipend of \$6,000. Students are responsible for housing and transportation.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
University of Texas MD Anderson Cancer Center (Texas)	The Science Park Summer Program in Cancer Research (SPCR) provides an authentic, hands-on laboratory research experience for talented undergraduate students interested in cancer biology and clinical oncology. During the 10-week program, students participate in hypothesis-driven, research under the guidance of a faculty member from the Department of Epigenetics and Molecular Carcinogenesis at the MD Anderson Cancer Center, Science Park campus. A weekly seminar series introduces students to basic concepts in cancer biology while field trips and a panel discussion expose students to a variety of potential careers in biomedical research and medicine.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student of freshman, sophomore, or junior standing. ✓ Strong background in biological and/or chemical sciences. ✓ Interest in pursuing a PhD or MD/PhD. 	<p>Participants will receive a \$6,000 stipend and a \$1,000 housing allowance. Staff can assist with housing arrangements upon request. Students are responsible for their daily transportation to and from campus.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
University of Texas MD Anderson Cancer Center/National Cancer Institute (Texas)	The CP RTP Summer Research Experience is an intensive, ten-week paid internship providing research experience and mentoring for students interested in cancer prevention research. Under the guidance of the matched faculty mentor, summer trainees will collaborate full-time on an independent research project and receive additional mentoring by a research staff of graduate students, postdoctoral fellows, research assistants and laboratory technicians. Students will also attend educational and career development activities.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of rising junior or senior status OR Graduate student OR health professional student (MD, dental, nursing, PharmD, etc.). ✓ U.S. citizen or permanent resident. ✓ Demonstrate interest in cancer prevention. 	<p>Participants will receive \$15/hour. Interns are responsible for coordinating their own travel and housing arrangements.</p> <p>For more information, please visit the website. If you have additional questions, please send an email to the program manager, Kava Lewis.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Texas MD Anderson Cancer Center / University of Puerto Rico (Texas)	The Partnership Summer Research Program (8-10 weeks) offers college and medical trainees from the University of Puerto Rico System an opportunity to explore biomedical research relating to cancer, to gain firsthand experiences and mentorship in basic, clinical or translational research alongside world-renowned faculty, as well as to attend targeted institutional lectures and seminars. Return visits are offered to trainees demonstrating a sincere interest in biomedical research and an outstanding research ability during their visit.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student from the University of Puerto Rico of rising junior or senior status. ✓ Must have a minimum of 8 science courses completed. ✓ Prior research experience is highly recommended. 	Students will receive a stipend, housing, and roundtrip travel from the program. For more information , visit the website . If you have additional questions, please send an email to the program .
University of Texas Medical School at Houston (Texas)	The McGovern Medical School Summer Research Program for Undergraduates (MedSURP) is directed at students with a strong interest in pursuing a future career in medicine. Students will have the opportunity to work with researchers and clinicians focusing on research topics with direct relevance to therapeutic approaches and patient care. Students will also have the opportunity in seminars designed to provide exposure to a wide range of biomedical research topics, and to educate students in how to apply to medical school.	<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. ✓ Must be at least 18 years of age by start of program. 	Students will receive a \$3,000 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 Linh Trinh .
University of Texas Medical Branch at Galveston (Texas)	The Neuroscience Summer Undergraduate Research Program (NSURP) provides students the opportunity for cutting-edge, interdisciplinary research in the area of neuroscience. Under the guidance of a faculty mentor, you will learn biomedical neuroscience research skills and become familiar with techniques like cell culturing, isolation of stem cells, immunoassays, animal surgery, mass spectroscopy, and electrophysiology. Students will participate in weekly seminars and journal clubs in addition to the culminating poster session at the end of the program.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Enrolled in undergraduate program at an accredited institution. <p>*Applications from women and members of underrepresented minority groups are particularly encouraged and welcome.</p>	Students will receive a \$4,000 stipend and the program will help arrange and supplement your housing costs. For more information , visit the website . If you have additional questions, please send an email to program coordinator, Laura Teed .

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Texas Southwestern (Texas)	The Quantitative and Physical Sciences Summer Undergraduate Research Fellowship (QP-SURF) is a research training experience for students preparing for careers in biomedical research. This 10-week program features conducting individual research projects with UT graduate school faculty and introduction to day-to-day laboratory research life. Projects will be presented at the end of the program. Research areas include: biomedical engineering, biophysics, computational biology, organic chemistry, and systems biology.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student who has completed their sophomore year, majoring in a physics, computer science, mathematics, biomedical engineering, or chemistry program. ✓ U.S. citizen or permanent resident or have an F1 visa. <p><i>*Note:</i> Selection criteria includes: grades, relevant experience, letters of recommendation, and career goals in pursuing a PhD or MD/PhD.</p>	<p>Students will receive a \$4,000 stipend. If a fellow requires housing, that cost will be covered by the program. Fellows are responsible for their own travel expenses.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
University of Texas Southwestern (Texas)	The Summer Undergraduate Research Fellowship (SURF) program is designed for college students who are preparing for Ph.D. or M.D./Ph.D. careers in biomedical 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: cell biology, chemistry, microbiology, pharmacology.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student who has completed their sophomore year in a science degree program. ✓ U.S. citizen or permanent resident. <p><i>*Note:</i> Selection criteria includes: grades, relevant experience, letters of recommendation, and career goals in pursuing a PhD or MD/PhD.</p>	<p>Students will receive a \$4,000 stipend. If a fellow requires housing, that cost will be covered by the program. Fellows are responsible for their own travel expenses.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
University of Texas Southwestern (Texas)	The Summer Undergraduate Research Institution for the Study of Kidney Disease (SURISKD) is a 10-week research opportunity for students who are preparing for Ph.D. or M.D./Ph.D. careers in biomedical research with a special emphasis on kidney-related research. The Program introduces students to the kinds of projects encountered during postgraduate research training and fosters an understanding of the planning, discipline, and teamwork involved in the pursuit of answers to current questions in the field of kidney-related research.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of at least sophomore standing in a science degree program. ✓ U.S. citizen or permanent resident. <p><i>*Note:</i> Selection criteria includes: grades, relevant experience, letters of recommendation, and career goals in pursuing a PhD or MD/PhD.</p>	<p>Students will receive a \$4,000 stipend, which is inclusive of housing.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Utah (Utah)	The Summer Program for Undergraduate Research (SPUR) provides undergraduate students with an intensive 10-week research experience under the mentorship of a faculty member. The program provides opportunities to gain research experience in a variety of disciplines. The program emphasizes a collaborative research experience under the supervision of a University of Utah faculty member. The program also emphasizes a cohort experience via welcome and closing receptions, peer advising, weekly education events, bi-weekly program meetings, and optional on-campus housing.	<ul style="list-style-type: none"> ✓ Currently enrolled degree-seeking undergraduate in the Fall semester (and not graduating before December) following the summer program. ✓ Eligible to work in the United States. ✓ At least 18 years old by May. 	<p>Students will receive a \$5,000 stipend. Students may be eligible to receive a travel reimbursement up to \$500 total for travel related expenses to/from Salt Lake City. All participants have the option of using on-campus housing (participants pay \$250; the rest of the on-campus housing expense is covered by the program).</p> <p>For more information, visit the program's website.</p> <p>If you have additional questions, please send an email to the program.</p>
University of Utah (Utah)	The Native American Research Internship (NARI) is a dynamic 10-week, summer internship, that aims to support the academic, career, and personal development of Native American students who are interested in Health Science careers. Students will work closely with research mentors as well as Native American faculty and staff mentors, develop meaningful relationships within the Health Science and Native American research communities, attend a Native American Health conference, and have opportunities to shadow physicians at their clinical practice.	<ul style="list-style-type: none"> ✓ Native American undergraduate junior and senior students who are interested in Health Science research. 	<p>The program provides compensation for participation in the summer program, as well as housing at the University of Utah. Compensation amount depends on funding source, contact the program for more information.</p> <p>For more information, visit the program's website.</p> <p>If you have additional questions, please send an email to the program coordinator, Scott Willie.</p>
University of Washington (Washington)	<p>The University of Washington offers several summer undergraduate research opportunities in science, technology, engineering, and mathematics (STEM). Programs include, but are not limited to:</p> <ul style="list-style-type: none"> • Building Bridges to Bioengineering • Environmental Health Research Experience Program (EHREP) • Genome Sciences Summer Research Program • Neurological Surgery Summer Student Program • Scan Design Innovations in Pain Research Summer Program 	<ul style="list-style-type: none"> ✓ The eligibility criteria varies per program. Please visit each program's website. 	<p>For more information, visit each program's website.</p> <p>If you have additional questions, please send an email to UW staff.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Wisconsin- Madison (Wisconsin)	Students in the Integrated Biological Sciences Summer Research Program (IBS-SRP) will conduct independent research under the guidance of a faculty mentor in one of seven research areas: biochemistry/biophysics; bioenergy, cellular and molecular biology; computational biology and biostatistics; ecology; neurobiology; and 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>*Students who are African American, Hispanic, Native American, Southeast Asian, Native Alaskan or Native Pacific Islander OR who are from low-income homes OR who are the first in their family to attend college OR who attend small liberal arts institutions without broad research facilities are strongly encouraged to apply.</p>	<p>Students will receive a \$6,000 stipend for participation in the 10-week program, full travel support, housing, health insurance (if needed), and a partial food allowance.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
University of Virginia (Virginia)	The University of Virginia School of Medicine offers Summer Research Internship Program (SRIP) 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.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate college student. ✓ U.S. citizen or permanent resident. ✓ Proof of health insurance. 	<p>Students will receive a stipend, travel compensation, as well as on campus housing.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
USA Jobs (Multiple locations)	USAJOBS is the U.S. Government's official system/program for Federal jobs and employment information. This site serves as a search engine for jobs with the U.S. Government.	<ul style="list-style-type: none"> ✓ Please refer to the program's website or contact the respective administrator to review the eligibility criteria per program. 	<p>For more information, visit the website.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Vanderbilt University (Tennessee)	<p>The Vanderbilt Summer Science Academy (VSSA) offers several research opportunities in clinical research and the basic sciences. Programs include, but are not limited to:</p> <ul style="list-style-type: none"> • Undergraduate Clinical Research Internship Program (UCRIP) • Molecular and Cellular Biology Summer Program (IGP) • Vanderbilt Summer Diabetes Research Program • Vanderbilt Summer Research Internship Program in Biomedical Informatics • The Medical Scientist Training Program (MSTP) 	<ul style="list-style-type: none"> ✓ The eligibility criteria varies per program. Please visit each program's website. 	<p>For more information, visit the website. If you have additional questions, please send an email to Vanderbilt Summer Science Academy staff.</p>
Vanderbilt University (Tennessee)	<p>The goal of the Research Experience for Undergraduates (REU) in Chemical Biology summer program is to introduce students to the excitement and importance of research in chemical biology through a mix of educational and research activities. Students will choose among several interdisciplinary projects and will be co-mentored by faculty in Chemistry and the School of Medicine. Students will be assigned to individual research groups and will broaden their horizons through a variety of experiences including participation in a mini-symposium on drug discovery, attending seminars given by VICB faculty working across disciplinary lines, and participating in weekly discussions on topics such as ethics.</p>	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ A minimum undergraduate science GPA of 3.0 is required. ✓ Students entering their junior or senior years are given priority. ✓ Undergraduates majoring in the physical or natural sciences (primarily chemistry and biology) will be given priority. 	<p>Participants will receive a \$5,000 stipend for the 10-week internship, on campus housing, and up to \$500 in travel reimbursement.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Alissa Hare.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Vanderbilt University Medical Center (Tennessee)	Aspirnaut™ is a K-20 STEM Pipeline for Diversity with the goal of increasing the numbers and diversity of the STEM workforce. The Aspirnaut Summer Research Internship is a hands-on, mentored laboratory experiences for undergraduate students interested in a career in biomedical research. Interns are fully engaged in their research project and meet regularly to discuss their projects with scientific mentors and to interact with guest speakers. Interns prepare an abstract and present their poster at the NIDDK/KUH Summer Undergraduate Research Conference.	<ul style="list-style-type: none"> ✓ Rising sophomores, juniors, and seniors (should have at least one semester remaining of their undergraduate education at the start of the summer program). ✓ Minimum GPA of 3.0. ✓ U.S. citizen or permanent resident. ✓ Internship recruitment is targeted to underrepresented racial and ethnic groups, American Indians/Alaska Natives and/or those from geographically- and/or economically-disadvantaged backgrounds and/or those from families with limited levels of education as defined by the Federal government. 	<p>Interns will receive a stipend of \$500-\$600 per week for the ten-week period. This salary is intended to cover all intern costs associated with participation in the program including travel to and from Nashville. Housing is available in Vanderbilt University campus dormitories.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Virginia Commonwealth University (Virginia)	The Summer Academic Enrichment Program (SAEP) is a 6-week program designed to enhance the academic preparation of students actively pursuing enrollment in a health professions school. AEP participants attend learning skills and test-taking workshops, mock interviews, professionalism seminars, current health care topics, coaching and community service activities in an interprofessional framework. At the conclusion of the program, participants receive an assessment of their readiness to attend professional school.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of junior or senior standing OR post-baccalaureate student. ✓ Completed organic chemistry I and II. *Note: Organic chemistry is not required for physical therapy track. ✓ Academic minimum: 2.75 GPA. ✓ Strong interest in attending health professions school at VCU. 	<p>Participants are required to provide their own transportation to and from the program; those coming from a distance greater than 200 miles may apply for a partial travel reimbursement. Housing is free and a modest stipend is also provided to participants.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Wake Forest University School of Medicine (North Carolina)	The Excellence in Cardiovascular Sciences (EICS) program focuses on research training in the cardiovascular sciences with medical school faculty. The curriculum includes laboratory research, a lecture series that features presentations by faculty and guest speakers, and a research symposium where the students present their research findings. Undergraduate students with an interest in a career in biomedical research are encouraged to apply.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Must be from one or more of the following groups underrepresented in medicine: minorities (i.e., African American, Alaskan Native, Native American, Asian-Pacific Islander or Hispanic), students with disabilities or students from disadvantaged backgrounds (urban/rural areas, first-generation college students, etc.) 	<p>Students will receive a stipend of \$10/hour, housing in one of the WFU residence halls, and round-trip transportation.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Wake Forest University School of Medicine (North Carolina)	Through the Summer Scholars Program , Wake Forest Institute for Regenerative Medicine offers undergraduate students an opportunity to engage in exciting, multidisciplinary research firsthand at the interface of engineering and biology in challenging areas of tissue engineering and regenerative medicine. During the 10-week program, students will carry out research under the supervision of prominent biomedical scientists, write a research summary, conduct an oral presentation, and have the opportunity to see their work published.	<ul style="list-style-type: none"> ✓ Minimum GPA of 2.85. ✓ Must have completed at least two semesters of undergraduate education. ✓ Must be at least 18 years of age by the first day of the program. ✓ U.S. citizen or permanent resident (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). 	<p>Students will receive a \$5,000 stipend and housing allowance for the 10-week period.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Washington State University (Washington)	Research in Interdisciplinary STEM Education (RISE) , is a 9-week summer research experience for undergraduate students in chemistry, education, life sciences, mathematics, or physics. Participants will join interdisciplinary teams mentored by faculty to investigate STEM learning across formal and informal environments with a focus on understanding issues related to inclusivity and diversity in STEM.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Will be returning to an undergraduate program in the Fall following the summer internship. 	<p>Students will receive a \$5,750 stipend. Travel awards are available for students who demonstrate financial aid.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program director, Dr. Eriak Offerdahl.</p>
Washington University in St. Louis (Missouri)	The Amgen Scholars Program, Biomedical Research Apprenticeship Program (BioMedRAP) , and the BP-ENDURE: St. Louis Neuroscience Pipeline Program are designed to prepare undergraduate students for admission and the rigor of top tier PhD and MD/PhD programs.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student. ✓ U.S. citizen or permanent resident. ✓ Previous research experience is encouraged. ✓ Minimum GPA of 3.2. 	<p>Students receive a stipend, free housing, and free travel to and from St. Louis.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Weill Cornell Graduate School of Medical Sciences (New York)	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.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student who has one semester remaining of undergraduate education by start of the summer program. ✓ Academic minimum: 3.0 GPA. ✓ Students from groups traditionally underrepresented in research careers in the sciences, social sciences, and humanities, individuals with disabilities, disadvantaged backgrounds are particularly encouraged to apply. 	<p>Students will receive a \$4,000 stipend for participating in the 10-week program and up to \$500 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.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Weill Cornell Medical College (New York)	The Gateways to The Laboratory Summer Program is a 10-week program designed to provide students a mentored individual research project at Weill Cornell Medical College, Rockefeller University, or Memorial Sloan-Kettering Cancer Center. Select interns participate in workshops for improving lab techniques and clinical research skills, scrub into surgeries at the New York-Presbyterian Hospital, receive mentorship with a current MD-PhD student, and have a chance to present their research at a poster presentation.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of freshman or sophomore standing.. ✓ U.S. citizen or permanent resident. ✓ Students from groups historically underrepresented in medicine and science (individuals from racial and ethnic minorities, individuals from socioeconomically disadvantaged backgrounds, and/or individuals with disabilities). 	<p>Students receive a stipend of \$6,000, housing in Weill Cornell Medicine student housing (at no cost to them), and reimbursement for their travel expenses.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Weill Cornell Medical College (New York)	The Travelers Summer Research Fellowship Program is an opportunity for premedical students to gain more insight into the world of medicine by learning more about the issues facing underserved groups, acquiring basic research techniques from laboratory or clinical research experiences, and attending workshops on applying to and funding medical school attendance.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate premedical declared student of at least junior standing. ✓ Academic minimum: At least 'B average' GPA. ✓ Students from groups historically underrepresented in medicine (individuals from racial and ethnic minorities, individuals from socioeconomically disadvantaged backgrounds, and/or individuals with disabilities). 	<p>Students will receive a \$140/week cost-of-living allowance and rent-free housing. Travel expenses are paid for students that live outside New York. Fellows must pay for meals and other living expenses.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
American Association of Medical Colleges (Multiple locations)	The Post-baccalaureate Premedical Programs Database features ~275 national programs and allows users to apply a variety of filters, including: career-changer, academic record enhancer, State, Public or Private institution, certificate, special program focus, etc., to search for post-bac pre-med programs.	<ul style="list-style-type: none"> ✓ Please refer to the program's website or contact the respective administrator to review the eligibility criteria per program. 	<p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Broad Institute (Massachusetts)	The Broad Cancer Genomics Scholars (BCGS) program is an innovative, two-year post-baccalaureate program that offers participants a comprehensive, structured and immersive experience that includes groundbreaking research and academic and career guidance. Participants will carry out research as paid, full-time Associate Computational Biologists or Research Associates, working alongside leading scientists within the Broad Cancer Program. This program is open to individuals with a demonstrated interest in issues around diversity and inclusion in STEM disciplines.	<ul style="list-style-type: none"> ✓ US citizen or permanent resident. ✓ Completed a four-year university or college degree not more than one year before the start of the program. ✓ Attained a minimum GPA of 3.3. ✓ Participation in significant prior research experience ✓ Interest in pursuing a graduate degree (MA/MS, PhD or MD-PhD only) upon completion of the program. 	<p>Participants will receive a salary of \$42,000-\$64,000 (depending on experience and skills) and access to health benefits.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the Program Director, Dr. Giselle Vélez-Ruiz.</p>
Center for Disease Control and Prevention (Multiple locations)	The Public Health Associate Program (PHAP) is a two-year training program for early-career public health professionals who have a recent bachelor's or master's degree and an interest in public service and public health. Associates gain hands-on experience working alongside professionals across a variety of public health settings such as: chronic disease prevention and health promotion, environmental health, global migration and quarantine, immunization, injury and violence prevention, maternal/child health, and public health preparedness.	<ul style="list-style-type: none"> ✓ Must have completed at minimum a bachelor's degree from an accredited college or university within the previous two years OR possess a master's degree from an accredited academic institution. ✓ U.S. citizen, permanent resident or US nationals with a keen interest in public health. 	<p>During the first year of the program, associates earn a salary and benefits equivalent to a GS-5, Step 1 federal employee (including cost of living adjustments). In the second year, associates are eligible to earn a salary equivalent to a GS-7, Step 1 federal employee (including cost of living adjustments). The federal wage table can be found here.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Janelia Research Campus (Virginia)	The Janelia Undergraduate Scholars program gives undergraduates and masters students who have not committed to a PhD program an opportunity to spend 10 weeks during the summer doing research as an intern in the lab of a mentor at the Janelia Research Campus. 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.	<ul style="list-style-type: none"> ✓ Current undergraduate students OR post-baccalaureate students who have not yet committed to a PhD program. ✓ Must have at least one independent research experience that is not part of a course. ✓ Programming experience in at least one of the following languages: Python, MATLAB, and/or C++. 	<p>Students will receive a \$5,000 stipend, on-site housing, food, and travel.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Massachusetts General Hospital (Massachusetts)	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 8-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 post-baccalaureate student OR graduate student OR rising 1st year medical student OR first-year medical student. ✓ Member of a group that is underrepresented in medicine (Latino/Hispanic, African-American/Black, American Indian, Native Hawaiian and Alaskan Natives, among others). 	<p>A living stipend of \$5,000 for food and other necessities is provided along with housing costs (lodging arrangements provided near the hospital).</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Mayo Clinic (Minnesota)	The Graduate Research Employment Program (GREP) is designed for individuals who have completed a bachelor's degree and plan to attend a graduate school, law school, or medical school. During the GREP students will conduct bioethics research and additionally will have the opportunity to take graduate-level courses through the Mayo Clinic Graduate School and shadow clinicians in nearly every area of the clinic. This opportunity is ideal for students interested in taking a "gap year" between undergraduate and graduate degree programs.	<ul style="list-style-type: none"> ✓ Students must have completed their bachelor's degree before the position start date and must be pursuing medical/graduate school admission. ✓ Strong background in science, technology, engineering, or math. ✓ Minimum GPA of 3.0. ✓ Authorization to work and remain in the U.S. 	<p>Students will be paid a minimum of \$14.50/hour working full time (40 hrs/week).</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the Office of Postdoctoral Affairs and Research Training (OPART).</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Minneapolis Heart Institute Foundation (Minnesota)	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 and a research staff mentor, interns contribute to clinical research studies and publications that impact patient care. During their 12-week internships, interns spend nearly 11 days on shadowing, observations and other field trips.	<ul style="list-style-type: none"> ✓ Preference will be given to undergraduate rising juniors or seniors; however, post-baccalaureate students are eligible to apply. ✓ Enrolled in a U.S.-based accredited degree program in a health care or related discipline. ✓ Have GPA of 3.6 or above. ✓ U.S. citizen or permanent resident. 	<p>Students will be paid \$480/week (40 hrs/week) for their participation in the internship. The program is not able to offer housing support. However, scholarship opportunities may be available for accepted applicants who need housing/transportation support.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Minneapolis Heart Institute Foundation (Minnesota)	The Population Health Internship provides participants with experience working in the fields of population health, health education, and health promotion. Some experiences will allow interns to participate in the planning of health education materials, conduct literature reviews, or assist in establishing electronic communication. This internship is offered in the fall, spring, and summer.	<ul style="list-style-type: none"> ✓ Enrolled in a health-related degree program with a significant interest in and dedication to primary prevention. ✓ Must be entering final semester/quarter of undergraduate studies OR post-baccalaureate student. 	<p>Students will receive a \$1,500 stipend.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
National Heart, Lung and Blood Institute (Iowa)	The Iowa Summer Institute in Biostatistics (ISIB) Program at the University of Iowa College of Public Health is a 7-week program. The structure of the program is through case based instruction of real biomedical research, computer laboratory training, research projects, and clinical and translational research enrichment activities. Coursework will focus on clinical trials, big data, translational research, and statistical models used in the analysis of biomedical studies. The course will further serve as a fundamental building block for students to understand the importance of biostatistics and its synergistic place in the biomedical sciences.	<ul style="list-style-type: none"> ✓ College graduates who have not started a graduate program. ✓ Academic minimum: 3.2 GPA. ✓ Priority admission will be given to disadvantaged students and to students from small liberal arts colleges which do not offer substantial coursework in statistics or biostatistics. ✓ Those majoring in mathematical or biological sciences are best suited for program. 	<p>Students will receive roundtrip transportation, housing, meal allowance, and full access to university computing systems, libraries, and other academic and recreational facilities. Transferable college credit may also be possible.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Terry Kirk.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
National Heart, Lung and Blood Institute (Massachusetts)	The Boston University Summer Institute for Research Education in Biostatistics (SIBS) is a 6-week program in which students can learn about the growing biostatistics field by taking courses in two widely used statistical computing software and interacting with practicing biostatisticians, epidemiologists, and statistical geneticists. Participants will also have the opportunity working hands-on with actual collected data by the National Heart, Lung and Blood Institute.	<ul style="list-style-type: none"> ✓ Majoring in mathematics, science, or other quantitatively oriented areas of study. ✓ Currently enrolled undergraduate students of junior or senior standing. Graduating seniors and beginning graduate students (M.S.) with intent to pursue biostatistics are welcome to apply. ✓ U.S. citizen or permanent resident. 	<p>Students will receive housing and meals for the duration of the program. Extracurricular activities hosted by the program will also be covered.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
National Institutes of Health (District of Columbia)	The Introduction to Cancer Research Careers (ICRC) Program offers undergraduate, post-baccalaureate, graduate, and recent graduate students who are financially disadvantaged and/or from underrepresented populations in science an opportunity to participate in vital cancer research at the National Cancer Institute (NCI). Interns will attend seminars on topics related to basic, clinical, biomedical and behavioral research, human health, healthy lifestyles, and health disparities. Interns will also participate in professional development workshops.	<ul style="list-style-type: none"> ✓ Undergraduate student OR post-baccalaureate (within two years) OR graduate student. ✓ U.S. citizen or permanent resident. ✓ Academic minimum: 3.2 GPA. ✓ Member of a group traditionally underrepresented in the sciences, as defined by NIH OR from a financially disadvantaged background. 	<p>The ICRI program provides a stipend based on participants' academic level. Interns are responsible for securing housing. Travel to and from Bethesda is provided for out-of-state participants. Students are responsible for their own meals.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
National Institutes of Health (Maryland)	Intramural NIAID Research Opportunities (INRO) provides enthusiastic candidates with the opportunity to visit the NIH Main Campus in Bethesda, Maryland to engage with leading experts in biomedical research training opportunities in allergic, immunologic, or infectious diseases, and to learn more about the exciting research being conducted in the National Institute of Allergy and Infectious Diseases (NIAID).	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Graduating senior (undergrad or master's program) or have recently completed an undergrad or master's degree. ✓ Academic minimum: 3.2 GPA. ✓ Available for a full, one-year postbac fellowship in NIAID that begins on June 15 of visit year. 	<p>For the two day visit trainees will receive roundtrip airfare to/from Bethesda, MD, hotel accommodations, and a daily stipend.</p> <p>After the visit, postbac position offers are made by individual principal investigators.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the INRO Coordinator.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
National Institutes of Health (Maryland)	The Post-Baccalaureate Intramural Research Training Award (IRTA) program provides opportunities for recent college graduates to spend time engaged in biomedical research at the National Institutes of Health (NIH). Trainees work with some of the leading scientists in the world in an environment devoted exclusively to biomedical research. Fellowships are available in the more than 1,250 intramural laboratories of the National Institutes of Health (NIH). The duration of the program is typically one year; it can be extended for one additional year depending on satisfactory trainee performance and continued availability of funds.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Graduated from an accredited U.S. college or university with a bachelor's degree less than THREE years prior to the date they begin the program, OR individuals who are more than 3 years past the receipt of their bachelor's degree but received a master's degree less than SIX MONTHS before they begin the program. ✓ Candidates must intend to apply to graduate or professional school during their tenure at the NIH. 	<p>The stipend for post-baccalaureate trainees is adjusted annually, the level depends on prior experience acquired AFTER completion of the bachelor's degree. For details, see the Trainee Stipends page.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
NASA STEM Programs (Multiple locations)	NASA's One Stop Shopping Initiative (OSSI) is an innovative solution to support the STEM (Science, Technology, Engineering, and Mathematics) workforce. NASA's internship programs are being phased into OSSI:SOLAR, including national programs, and programs that are unique to a specific NASA Center.	<ul style="list-style-type: none"> ✓ U.S. citizen. ✓ Additional eligibility requirements map apply depending on the specific program. 	<p><i>*Note:</i> students may identify opportunities of interest; however they cannot request to be considered for a specific internship program(s).</p> <p>For more information, visit the website.</p>
Post-baccalaureate Research Education Program (PREP) (Alabama)	The University of Alabama at Birmingham (UAB) hosts a unique one to two-year training opportunity for students seeking graduate degrees in biomedical or behavioral science. Students will be paired with a faculty mentor and receive instruction in academic writing, math, and test-taking in order to gain the necessary experience for acceptance into science programs in leading graduate schools.	<ul style="list-style-type: none"> ✓ Received a baccalaureate (4-year) degree in the past three years. ✓ Not currently enrolled in graduate school. ✓ U.S. citizen or permanent resident. 	<p>Students will receive a \$27,200 stipend, plus health insurance and tuition for up to 11 credit hours of academic instruction.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Post-baccalaureate Research Education Program (PREP) (California)	The University of California, Santa Cruz , provides a 1-year training program for recent graduates to conduct research in a UCSC faculty member's laboratory, take a GRE or MCAT preparation course, participate in research seminars and journal clubs, and travel to a conference to present their own research.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Graduated OR in the process of graduating with a baccalaureate degree in a biomedically-relevant science or engineering discipline from an accredited U.S. college or university, no more than 36 months prior to applying to PREP. ✓ Must belong to groups considered underrepresented in the biomedical sciences 	<p>Students will receive a salary and benefits.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Dr. William Sullivan.</p>
Post-baccalaureate Research Education Program (PREP) (Connecticut)	Yale University offers two PREP programs for recent bachelor's degree recipients from traditionally underrepresented backgrounds who are highly motivated to pursue a research career. The BBS PREP (Biological and Biomedical Sciences) and ESI PREP (Humanities, Social Sciences, Physical Sciences and Engineering) are both programs that help trainees gain the research skills and academic credentials needed to become competitive applicants to, and successful students in, highly selective doctoral programs.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Received an undergraduate degree in a biomedically-relevant science, no more than 3 years prior to applying to the program. ✓ Must apply to PhD programs in the biomedical sciences after completing the program. 	<p>Scholars will receive a \$27,200 salary and additional financial support that covers tuition for one course per semester, health insurance, GRE preparation course, purchase of a laptop, and travel support to attend one national conference. Students must reside in Yale campus housing, in which their salary is expected to cover housing, meal plan, and other living expenses.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Dr. Michelle Nearon.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Post-baccalaureate Research Education Program (PREP) (Georgia)	The University of Georgia PREP program is a one-year training opportunity for scholars to conduct research specific to infectious diseases. recent post-baccalaureate students to provide them with the skills necessary to excel in graduate training programs in the life sciences. The program goal is to equip those with the desire and motivation to become the next generation of life science researchers with the credentials required to achieve this. In addition to their research experience, scholars will receive assistance in preparing a competitive application for graduate programs, including GRE preparation and an opportunity to present work at a national or international scientific conference.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Graduated with a baccalaureate degree in a life science from an accredited U.S. college or university, no more than 36 months prior to applying to PREP. Not currently enrolled in a graduate degree program. ✓ Belong to a group considered underrepresented in biomedical science careers (as defined by the NIH). ✓ Intend to apply to a leading PhD or MD/PhD program during the PREP training period. 	<p>PREP scholars will receive a competitive salary with access to health insurance and funding to attend and present research at (at least one) national or international scientific conference.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Post-baccalaureate Research Education Program (PREP) (Illinois)	Underrepresented students who hold a recent bachelor's degree in the biomedical sciences are invited to work as lab technicians for one year at the University of Chicago . Scholars will participate in academic, cultural, and social activities, including lab rotations, travel to a national conference, weekly Journal Club meetings, a writing and ethics course, and workshops on GRE preparation and applying for graduate programs.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Intend to pursue a research doctorate upon completion of the program. 	<p>All PREP Scholars receive an NIH stipend for their work as lab technicians, as well as employee benefits from the University of Chicago. The benefits include health insurance and other staff benefits such as free computer courses and personal and professional counseling. A full list of staff benefits can be found here.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Post-baccalaureate Research Education Program (PREP) (Indiana)	The Indiana University – Purdue University Indianapolis PREP program is a one-year training program for scholars intending to pursue graduate programs in biomedical engineering, clinical psychology, kinesiology, and neuroscience fields. Scholars will conduct intensive research with a lab mentor, create a personalized development plan to apply to competitive biomedical or behavioral science programs, and have the opportunity to present research at a national conference.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Graduated with a science baccalaureate degree from an accredited US college or university less than 36 months prior to the date of application submission. ✓ Academic minimum: 3.0 GPA. ✓ Member of an underrepresented minority group OR individual with a disability OR individual from a disadvantaged background. ✓ Committed to carrying out research to reduce health disparities. 	<p>Scholars will receive a salary of \$35,568, health insurance, and benefits.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Post-baccalaureate Research Education Program (PREP) (Kansas)	The University of Kansas PREP program provides up to two years of research experience in a scientific laboratory. The program is designed to prepare students for graduate study; therefore, scholars will also receive personalized academic counseling, assistance with graduate school selection, travel to national meetings, an annual research symposium, and opportunities to enhance research and academic skills.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Received a bachelor's degree within the last three years. ✓ Intend to apply to a leading PhD or MD/PhD program during the PREP training period. 	<p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the Program Coordinator, Kathy Denning.</p>
Post-baccalaureate Research Education Program (PREP) (Maryland)	The PREP program at Johns Hopkins University School of Medicine offers a training opportunity for scholars to conduct research, attend workshops to improve spoken communication and scientific writing, and prepare for the GRE or MCAT exam to strengthen their application to apply to graduate programs.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ College seniors OR recent graduates with a bachelor's degree in biomedical science. ✓ Academic minimum: 3.3 GPA in science and math. 	<p>Scholars will receive an annual salary of \$34,000 plus health, retirement, tuition and other benefits</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Post-baccalaureate Research Education Program (PREP) (Massachusetts)	The University of Massachusetts, Amherst PREP program encourages students of underrepresented groups who hold recent baccalaureate degrees to pursue PhDs in biomedical sciences. Participants work in laboratories and participate in professional development activities. PREP is a one-year internship with the goal of strengthening the research skills and academic competitiveness of participants for pursuit of a graduate degree.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Recent college graduate (received baccalaureate degree within the past 3 years). ✓ Intend to pursue a research doctorate upon completion of the PREP experience. ✓ Belong to a group considered underrepresented in biomedical science careers (as defined by the NIH). 	<p>Interns will receive a competitive stipend, tuition, and 95% of healthcare coverage.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Sandra Petersen.</p>
Post-baccalaureate Research Education Program (PREP) (Massachusetts)	The Boston University School of Medicine PREP program is a year-long preparatory program for recent bachelor's degree recipients seeking entry into competitive PhD training programs. BU PREP is designed to foster mentoring relationships that will enhance personal and scientific development for members of historically underrepresented groups in the biomedical sciences. Scholars will be paired with BUSM's outstanding faculty, have access to state-of-the-art research facilities, and work closely with an advising team to create an individualized career plan directed toward doctoral graduate school entry and success.	<ul style="list-style-type: none"> ✓ US citizen or permanent resident. ✓ Received an undergraduate degree in a biomedically-relevant science, no more than 3 years prior to applying to the program. ✓ Must apply to PhD programs in the biomedical sciences after completing the program. 	<p>Scholars will receive an annual stipend.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Post-baccalaureate Research Education Program (PREP) (Massachusetts)	The PREP program at Tufts University offers one- to two-year research apprenticeships for recent graduates who are interested in pursuing research careers in the biomedical sciences. Trainees work on a hypothesis-driven problem in a field of their choosing. During this research apprenticeship they are mentored by members of the GSBS Graduate Faculty. Trainees also participate in classes, workshops and seminars.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident belonging to an underrepresented group (including, but not limited to: African-Americans, Hispanics, Native Americans, people with disabilities, and members of groups that are economically or socially disadvantaged). 	<p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Diana Pierce.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
<p>Post-baccalaureate Research Education Program (PREP) (Michigan)</p>	<p>The University of Michigan PREP program provides a one-year research experience and extensive academic guidance to individuals from underrepresented groups in order to strengthen participant's candidacy for admission to the nation's strongest PhD programs and gain PhD degrees in biomedically-relevant sciences. In addition to research, PREP students participate in a variety of activities, including a Graduate Record Exam (GRE) prep course, seminars and journal clubs, one or two University of Michigan graduate or undergraduate courses, and group meetings to present research projects and discuss graduate school/career options.</p>	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Graduated or in the process of graduating with a baccalaureate degree in a biomedically-relevant science from an accredited U.S. college or university, no more than 36 months prior to applying to PREP. ✓ Belong to a group considered underrepresented in the biomedical sciences (as defined by the NIH) ✓ Plan to apply to a PhD program in a biomedically-relevant science after successful completion of PREP. 	<p>Students will receive a full tuition scholarship, salary (\$28,000), and benefits (health and dental insurance). PREP scholars may use up to \$1,500 for travel to a domestic scientific meeting or conference where they are presenting.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
<p>Post-baccalaureate Research Education Program (PREP) (Minnesota)</p>	<p>The PREP program at the Mayo Clinic offers an intense mentored research experience in basic science or translational research in the top laboratories at Mayo Clinic. Scholars will attend special seminars and graduate-level courses to expand each student's knowledge base so they can begin to apply basic science knowledge to biomedical research. Additionally, trainees receive guidance to assist with successful continuation into a PhD or MD/PhD program.</p>	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Underrepresented student who has obtained a bachelor's degree within the past three years, or high school senior about to graduate in a biomedical science discipline who is planning to pursue a PhD degree in biomedical science. 	<p>Scholars will receive a salary of \$28,000 per year, as well as low-cost, comprehensive medical coverage through the Mayo Clinic. A second year of support may be available.</p> <p>For more information, visit the website. If you have additional questions, please email the program.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
<p>Post-baccalaureate Research Education Program (PREP) (Missouri)</p>	<p>The University of Missouri-Columbia (MU) PREP program prepares students for PhD study leading to research careers in the biomedical sciences, including areas that address health disparities in minority populations. Scholars will conduct faculty-mentored research leading to publication of research results and presentation at national conferences. In addition, scholars will receive rigorous academic preparation, including participation in graduate courses, GRE test preparation, graduate school planning, and research seminars, as well as personal development.</p>	<ul style="list-style-type: none"> ✓ U.S. citizen, national, or permanent resident. ✓ Member of a racial or ethnic group underrepresented in biomedical research, OR from a disadvantaged background, OR have a disability. ✓ Received a baccalaureate degree in a science major within the past 36 months. ✓ Intend to apply to a PhD granting program in a biomedical-related field after successful completion of PREP. 	<p>MU PREP scholars will receive a salary at \$27,200, including all educational fees, health insurance, and support for travel to two scientific conferences.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Dr. John David.</p>
<p>Post-baccalaureate Research Education Program (PREP) (New Mexico)</p>	<p>The University of New Mexico (UNM) PREP program is designed to enhance the ability of individuals in the biomedical sciences to gain entry to, and succeed in, nationally-recognized PhD programs. PREP is aimed at individuals from underrepresented groups in the sciences who have recently received a Bachelor's degree. These individuals will either have relatively little laboratory experience or will be changing research fields between their BS and PhD courses. To enhance scholars' competitiveness for graduate school, PREP also offers GRE classes and short training programs aimed at acquainting scholars with the expectations and challenges of graduate school.</p>	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Must be a member of an underrepresented identity group, as defined by NIH and/or individuals with disabilities. ✓ Recipient of a Bachelor's degree within 36 months prior to acceptance into the PREP program. ✓ Committed to pursuing a PhD in a biomedical research field and to performing research that will help reduce health disparities. ✓ Have a tangible need to complete an additional year of training before applying to graduate school. ✓ Academic minimum: 3.0 GPA. 	<p>UNM PREP scholars will receive an annual salary of \$27,200, plus health and dental benefits. PREP will also cover the cost of tuition for courses that are required by the scholar to become familiar with their research.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Post-baccalaureate Research Education Program (PREP) (New York)	The PREP program at the University of Rochester provides an opportunity to gain research experience in microbiology, virology or immunology as a full-time laboratory technician under the mentorship of a program faculty member for one year, with the possibility of an additional year of support. Scholars will also participate in an individually-tailored and tightly focused academic program; each trainee will have an opportunity to take a limited number of classes and participate in ancillary training and enrichment activities.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Member of a group traditionally underrepresented in the sciences, as defined by NIH. ✓ Received a baccalaureate degree in a science major within the past 36 months. ✓ Intend to apply, within two years, for graduate education that will eventually lead to the research doctorate. 	<p>Scholars will receive an annual salary of \$31,933.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Dr. Elaine Smolock.</p>
Post-baccalaureate Research Education Program (PREP) (New York)	Albert Einstein College is offering a year-long training experience for scholars that are from underrepresented minority groups who are recent college graduates. In addition to conducting laboratory research, students will participate in career development seminars, receive advising with applications for PhD and MD/PhD programs, and receive mentorship from a faculty member.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Completed undergraduate degree in a biomedical or behavioral science. ✓ Interest in pursuing a PhD or MD/PhD degree. 	<p>Scholars will receive a competitive salary and benefits. Subsidized housing is available across the street from campus.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Post-baccalaureate Research Education Program (PREP) (New York)	The Mount Sinai PREP program offers one- to two-years of training to help scholars enhance their interest in and readiness for doctoral programs in biomedicine and research. Students will dedicate 75 percent of their time to laboratory research and 25 percent to a combination of courses, special work-in-progress seminars, skill development, and community-outreach activities.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Graduated with a baccalaureate degree in a biomedically relevant science from an accredited U.S. college or university no more than 36 months prior to applying to a PREP. ✓ Students from racial and ethnic groups who are underrepresented in health-related sciences, and individuals with disabilities or disadvantaged backgrounds are encouraged to apply. 	<p>Scholars will receive an annual stipend of \$27,200. Health insurance is also provided. Travel awards are available for national meetings.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Post-baccalaureate Research Education Program (PREP) (North Carolina)	The PREP program at Wake Forest University Health Sciences provides a one to two-year intensive research experience for underrepresented students who are seeking a PhD and planning a career in biomedical sciences research. The focus of the program is on research training, academic enhancement, and GRE test preparation. The curriculum includes hands-on laboratory research, participation in a journal club, and a lecture series.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Interested in obtaining a PhD in the biomedical sciences. ✓ Graduated from an accredited college or university within the past 3 years. 	<p>Scholars will receive an annual salary of \$27,200 and tuition for ~2 courses.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Post-baccalaureate Research Education Program (PREP) (North Carolina)	The University of North Carolina- Chapel Hill offers a yearlong training opportunity for students interested in pursuing a PhD in the biological and biomedical sciences. Scholars will conduct research with a faculty mentor onsite, in addition to participating in summer courses on the critical analysis of scientific literature and hands-on laboratory skills training. All PREP scholars take a graduate level course at UNC. Monthly socials, luncheons, and other events provide regular opportunities for PREP scholars to network with one another and the greater UNC research community.	<ul style="list-style-type: none"> ✓ Recent baccalaureate degree from an accredited U.S. university (within the last 3 years) in the biomedical or behavioral sciences. ✓ Member of a racial or ethnic group underrepresented in biomedical research, OR from a disadvantaged background, OR have a disability. ✓ U.S. citizen or permanent resident. 	<p>Scholars will receive a \$29,000 stipend, full tuition, health insurance and travel support to attend a scientific conference.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Post-baccalaureate Research Education Program (PREP) (Ohio)	The Ohio State University Discovery PREP program is a yearlong research opportunity for recent undergraduate graduates from underrepresented groups to gain additional research experience and to become competitive applicants for graduate programs in the biomedical sciences. In addition to conducting research, students will attend professional development workshops to successfully apply to PhD programs.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Recent baccalaureate graduates with a degree in a biomedically related science no more than 36 months prior to their selection for participation in the program. ✓ Must belong to groups considered underrepresented in the biomedical sciences, including individuals from underrepresented racial and ethnic groups, individuals with disabilities, and individuals from disadvantaged backgrounds (socially, culturally, economically). 	<p>Students will receive a monthly stipend, plus health and retirement benefits. Prepaid airfare is provided for travel to a conference or national meeting.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Post-baccalaureate Research Education Program (PREP) (Ohio)	<p>The PREP program at Case Western Reserve University offers a one- or two-year coordinated program of study to increase the likelihood of success in a research-based graduate program.</p> <p>PREP Scholars enjoy mentored research experience, a tailor-made program of study, GRE test prep workshops, and a variety of venues to interact with and learn from some of the best researchers in the world.</p>	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Member of an underrepresented minority group OR individual with a disability OR individual from a disadvantaged background. ✓ Graduated with a baccalaureate degree in a biomedically- relevant science from an accredited US college or university less than 36 months prior to the date of application submission. ✓ Commitment to pursuing a PhD in the biomedical sciences. 	<p>Scholars will receive a salary of \$27,200 per year, including fringe benefits and health insurance.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Paul MacDonald.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Post-baccalaureate Research Education Program (PREP) (Pennsylvania)	The University of Pennsylvania PREP program provides a one- to two-year research experience for students who have completed college and are interested in pursuing a doctoral degree in the biomedical sciences. This program provides significant research experience, along with prep for applying to and succeeding in graduate school. The goal of the program is to increase understanding in the principles and practices of biomedical research.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Member of a group traditionally underrepresented in the sciences, as defined by NIH. ✓ Degree in a biomedically-relevant science from an accredited U.S. college or university and have graduated no more than 36 months prior to the start of the program. ✓ Intend to apply to a graduate program within two years of beginning the PREP program. 	<p>PREP scholars receive a competitive stipend, including health insurance.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program coordinator.</p>
Post-baccalaureate Research Education Program (PREP) (South Carolina)	The University of South Carolina PREP program allows students to spend up to two years working as an employee in a federally-funded biomedical research laboratory to learn the nature of research in general and specific biomedical techniques in particular. In addition, scholars will have an opportunity to take graduate-level biomedical courses and/or correct deficiencies in their undergraduate education through tutorials or appropriate coursework, learn about the ethics and responsibilities of biomedical research, and present their research at local and national meetings.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Have a degree in a biomedically-relevant science from an accredited U.S. college or university and have graduated no more than 36 months prior to the start of the program. ✓ Intend to apply to a graduate program within two years of beginning the PREP program. 	<p>USC PREP scholars will receive a stipend of \$28,000 per year. From this amount, scholars are expected to pay for mandatory health insurance unless the scholar has alternative insurance.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the Richard Hunt.</p>
Post-baccalaureate Research Education Program (PREP) (South Carolina)	The Medical University of South Carolina PREP is a yearlong intensive research opportunity to provide scholars additional research experience, in addition to assisting with constructing competitive applications for graduate programs in the biomedical sciences. Students will conduct research, attend professional development workshops, and explore careers within the biomedical sciences field.	<ul style="list-style-type: none"> ✓ U.S. Citizens or permanent residents with a keen interest in entering a PhD or MD/PhD program from populations underrepresented in the Biomedical Sciences, individuals with disabilities, or individuals from disadvantaged backgrounds. ✓ Must apply to a PhD granting program in a biomedical-related field after completing PREP program. 	<p>Scholars will receive an annual salary of \$29,500, tuition, travel allowance, and reimbursement for health insurance up to \$2,000.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Post-baccalaureate Research Education Program (PREP) (Texas)	The Baylor College SMART PREP program is designed to help underrepresented college graduates prepare for graduate school. The program allows students to gain research experience and includes participation in a molecular and cellular biology course, weekly scientific development workshops, GRE test prep workshops, graduate school application workshops, and individual counseling on applying to PhD programs.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Completed college within the last three years. ✓ Must be a member of an underrepresented group in science. ✓ Demonstrated interest in pursuing a PhD degree in the biomedical sciences. 	<p>PREP apprentices will receive a salary of \$32,000 per year.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Post-baccalaureate Research Education Program (PREP) (Virginia)	The Virginia Tech (VT) PREP program is for students interested in pursuing a research career in behavioral/biomedical sciences and engineering. VT-PREP supports students through individualized mentoring, foundation coursework, innovative research, and professional development essential to success in graduate school and competitive doctoral programs. Scholars spend 75 percent of their time in a mentored research program. Undergraduate and/or graduate course work occupies the remaining 25 percent of the scholar's time. Also provided are academic seminars, technical workshops, graduate school preparation, and a GRE preparation program.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Have graduated within the last three years with a baccalaureate degree or BA or BS with a minimum GPA of 2.8. ✓ Must demonstrate educational deficiencies due to economic deprivation or geographic disadvantage (e.g., inner city disadvantages schools, disadvantaged schools in rural poverty areas) or be part of a group considered to be historically underrepresented by the federal government. 	<p>PREP scholars will receive a \$27,200 annual stipend, benefits, travel support to attend a workshop or present at a scientific meeting, and tuition scholarship.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Post-baccalaureate Research Education Program (PREP) (Virginia)	The PREP Program at the Virginia Commonwealth University is a one-year biomedical research training program for recent college graduates from underrepresented groups who are considering graduate-level training in the biomedical sciences. The program provides scholars with a mentored research experience and the opportunity to develop technical and critical-thinking skills.	<ul style="list-style-type: none"> ✓ Graduated from an accredited college or university in the last 3 years prior to applying to program. ✓ U.S. citizen, permanent resident or non-citizen national. ✓ Interested in obtaining a PhD or MD/PhD degree. 	<p>Participants will receive a stipend of \$27,000.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please contact the program.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Post-baccalaureate Research Education Program (PREP) (Washington)	The University of Washington (UW) and Fred Hutchinson Cancer Research Center PREP seeks students who already hold baccalaureate degrees and wish to optimize their preparation for and successful completion of graduate studies leading to a PhD in biomedical sciences. The program is aimed at undergraduates who have great potential and enthusiasm for science, yet lack some tangibles (for example research experience) and are therefore less competitive for the most competitive biomedical graduate programs. The program will provide graduate school application assistance as well as mentored laboratory experience.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Have graduated with a baccalaureate degree in biomedically-relevant science from an accredited U.S. college or university. ✓ Academic minimum: 3.0 GPA. ✓ Members of groups underrepresented in biomedical sciences, including economically disadvantaged students and those with disabilities. 	<p>PREP scholars will receive a salary of \$27,000/year, plus benefits, an educational allowance, and travel support to attend one national conference.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Dr. Gabriel Varani.</p>
Sage Bionetworks (Washington)	Sage Bionetworks has established a 6-month paid Bioinformatics Internship program for early career bioinformatics researchers to train and gain real-world experience in performing responsible and reproducible research. As a member of the team, you will be mentored by senior scientists to support various research projects in cancer, neurodegeneration, or systems biology, including DREAM challenges. Benefits of interning at Sage include opportunities to work with a variety of datasets and scientific projects, learn professional software engineering skills in the context of bioinformatics problems, and to further Sage's mission of promoting open science.	<ul style="list-style-type: none"> ✓ Have an undergraduate graduation date before the start of the internship period. ✓ Have experience working with scientific and/or large datasets. ✓ Are proficient in R or Python. ✓ Can commit to a 6-month, full-time position. ✓ Proficiency in a Unix/Linux environment is preferred. ✓ Background in biological sciences is preferred. 	<p>For more information, visit the website.</p> <p>To view other internships and open positions at Sage Bionetworks, visit their Open Positions page.</p>
USA Jobs (Multiple locations)	USAJOBS is the U.S. Government's official system/program for Federal jobs and employment information. This site serves as a search engine for jobs with the U.S. Government.	<ul style="list-style-type: none"> ✓ Please refer to the program's website or contact the respective administrator to review the eligibility criteria per program. 	<p>For more information, visit the website.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Virginia Commonwealth University (Virginia)	The Summer Academic Enrichment Program is a 6-week program designed to enhance the academic preparation of students pursuing enrollment in a health professions school. Students will choose from four tracks: dentistry, medicine, pharmacy, or physical therapy. Each track includes foundational courses, learning workshops, health disparities seminars, mock interviews, and networking events.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student of junior or senior standing OR post-baccalaureate student. ✓ Academic minimum: 2.75 GPA. ✓ Strong interest in attending health professions school at VCU. 	<p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research for Graduate Students			
Program Sponsor	Description	Eligibility	Compensation / For More Information
Harborview Medical Center (Washington)	Harborview Injury Prevention & Research Center's (HIPRC) Pediatric Injury Prevention Student Internship Training (INSIGHT) program is an intensive, eight-week summer internship that provides paid research experience and mentorship for students who are interested in injury research. Participants are matched to research projects and partnered with health sciences faculty from across the University of Washington and work alongside peers and health professionals from an array of disciplines. Past research areas include elucidating the risk factors and causes of injuries, injury prevention strategies, acute and chronic care of injured patients, outcomes from trauma, and interventions to return the injured individual to their full potential.	<ul style="list-style-type: none"> ✓ U.S citizen or permanent resident and are eligible to work in the U.S or hold a valid student visa or have DACA status. ✓ Minimum cumulative GPA of 3.0 is preferred. ✓ Current graduate students or students entering a graduate program in Fall 2021 are given preference. 	<p>Interns will receive a \$3,200 stipend. Students are independently responsible for arranging their housing, meals and transportation. The UW offers some discounted summer housing within the dorms on campus. Students accepted into the program will be sent details of on campus housing. Travel reimbursement awards are available for individuals who qualify. Recipients of these awards will be notified upon acceptance into the program.</p> <p>For more information, visit the website. If you have additional questions, please email the program.</p>
Hispanic Serving Health Professions Schools (Virginia)	Working in collaboration with different agencies within the US Dept. of Health and Human Services and academic institutions, HSHP provides internships and fellowships for students interested in furthering the organization's mission of improving Hispanic health. Fellows work alongside a mentor, an experienced researcher or senior staff member; assist with a research project as it relates to minority health issues; and participate in a series of professional development seminars. This program strives to assist individuals to develop skills to work with Hispanic and other minority groups in government and academia, pursue higher degrees, publish research, and stay connected with the HSHPS network.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Current or recent graduate (less than three years) of a Master's degree OR enrolled in a doctoral program in the health field, including health administration/management and IT health informatics. ✓ Ethnic minority (American Indian, Native Alaskan, Asian and Pacific Islander, Black, or Hispanic) are <i>*highly encouraged*</i> to apply. 	<p>Students will receive a stipend to cover travel, housing, and additional costs, but the amount will vary according to the program.</p> <p>For more information, visit the website. If you have additional questions, please email the program manager.</p>

Internships in Scientific Research for Graduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Massachusetts General Hospital (Massachusetts)	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 8-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. ✓ Graduate student OR rising 1st year medical student OR first-year medical student. ✓ Member of an underrepresented group in medicine. 	<p>A living stipend of \$5,000 for food and other necessities is provided along with housing costs (lodging arrangements provided near the hospital).</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Michigan Institute for Clinical and Health Research (MICHHR) (Michigan)	MICHHR offers a summer research program for pre-doctoral students in health-related professional degree programs at U-M as well as at other U.S. institutions studying in these fields. The 10-week program is designed to introduce students to research early in their courses of study, and provides hands-on research experiences in health disparities or clinical research. Students will learn the fundamentals of research methods through individualized and team-based learning experiences. The program may serve as an internship for students who need to fulfill such requirements.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident ✓ Currently enrolled in health-related professional degree or master's degree programs at U-M and other U.S. Institutions. ✓ Students may not receive additional federal funding during this program 	<p>Students will receive a \$5,800 stipend.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Minneapolis Heart Institute Foundation (Minnesota)	The Population Health Internship provides participants with experience in working in the fields of population health, health education, and health promotion. Some experiences will allow interns to participate in the planning of health education materials, conduct literature reviews, or assist in establishing electronic communication. This internship is offered in the fall, spring, and summer.	<ul style="list-style-type: none"> ✓ Candidates should have a significant interest in and dedication to primary prevention. ✓ Graduate student in an accredited health-related degree program. 	<p>Students will receive a \$1,500 stipend.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research for Graduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
National Heart, Lung and Blood Institute (Iowa)	The Iowa Summer Institute in Biostatistics (ISIB) Program at the University of Iowa College of Public Health provides a 7-week opportunity for students to take a 3-semester hour introductory biostatistics course and to conduct research with a project team and faculty mentor. Students will also be exposed to informational workshops including scholarships, training grant programs, and assistantships in Biostatistics and Public Health fields.	<ul style="list-style-type: none"> ✓ Graduating seniors and beginning graduate students (M.S.) with intent to pursue biostatistics are welcome to apply. ✓ Academic minimum: 3.2 GPA. ✓ Members of traditionally underrepresented minority groups and students from small liberal arts colleges that do not offer substantial coursework in statistics or biostatistics are encouraged to apply. 	<p>Students will receive roundtrip transportation, housing, meal allowance, and full access to university computing systems, libraries, and other academic and recreational facilities. Transferable college credit may also be possible.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Terry Kirk.</p>
National Heart, Lung and Blood Institute (North Carolina)	The Summer Institute in Biostatistics (SIBS) Program at North Carolina State University offers a 6-week program for students to learn about principles of applied biostatistics, gain hands-on learning by analyzing actual data, and interact with practicing biostatisticians and physicians. Students may also earn college credit as part of their participation in the program.	<ul style="list-style-type: none"> ✓ First-year graduate students are eligible, but priority will be given to undergraduates. ✓ Majoring in mathematics, science, or other quantitatively oriented areas of study. ✓ U.S. citizen or permanent resident. 	<p>Housing, meals, travel expenses to and from the program, and some extracurricular activities are covered. Participants will also have access to university computing systems and libraries.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
National Institutes of Health (District of Columbia)	The Introduction to Cancer Research Careers (ICRC) program gives highly qualified graduate and recent graduate students the opportunity to participate in vital cancer research at the National Cancer Institute (NCI). Selected candidates will have the opportunity to interview with top NCI Principal Investigators and potentially experience a summer or post-baccalaureate fellowship in an NCI research laboratory or office. The ICRC Program highly encourages individuals from underrepresented populations and disadvantaged backgrounds to apply.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Cancer-related research interest from an underrepresented ethnic group. ✓ Academic minimum: 3.2 GPA. ✓ Demonstrate current or past research experience. <p>*Former NCI fellows are not eligible to apply.</p>	<p>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.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research for Graduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
National Institutes of Health (Maryland)	The Division of Cancer Epidemiology and Genetics hosts an 8 to 10-week research experience designed for students interested in exploring careers in cancer epidemiology and genetics. Students may also attend lectures offered under the NIH Summer Seminar Series, participate in DCEG meetings and seminars, attend formal NIH lectures, and participate in the DCEG Poster Day.	<ul style="list-style-type: none"> ✓ Graduate students (that is, individuals working towards a Ph.D. or master's degree) and Professional school (medical, dental, pharmacy, etc.) students. ✓ U.S. citizen or permanent resident. 	<p>Participants will receive a stipend based on academic level. Students are responsible for housing, meals, and transportation. *Note: Nearby housing is available.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
National Institutes of Health (Maryland)	Participants in the Summer Internship Program (SIP) work one-on-one with some of the leading scientists in the world. Trainees on the main campus in Bethesda, MD will attend a lecture series featuring distinguished NIH investigators, informal lunchtime talks on training for research careers, and participate in a trainee poster session.	<ul style="list-style-type: none"> ✓ Enrolled at least half-time in and accredited college or university as a graduate or professional student at the time of application. ✓ U.S. citizen or permanent resident. 	<p>The stipend for trainees is adjusted annually and based on academic level.</p> <p>For more information about the specific programs offered, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
NASA STEM Programs (Multiple locations)	<p>NASA's One Stop Shopping Initiative (OSSI) is an innovative solution to support the STEM (Science, Technology, Engineering, and Mathematics) workforce.</p> <p>NASA's internship programs are being phased into OSSI:SOLAR, including national programs, and programs that are unique to a specific NASA Center.</p>	<ul style="list-style-type: none"> ✓ U.S. citizen. ✓ Additional eligibility requirements may apply depending on the specific program. 	<p>*Note: students may identify opportunities of interest; however they cannot request to be considered for a specific internship program(s).</p> <p>For more information, visit the website.</p>
Pathways to Science (Multiple locations)	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.	<ul style="list-style-type: none"> ✓ Please refer to the program's website or contact the respective administrator to review the eligibility criteria per program. 	<p>The stipend is adjusted annually.</p> <p>For more information, visit the website.</p>

Internships in Scientific Research for Graduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Roswell Park Cancer Institute (New York)	The Summer Research Experience Program in Oncology is an 8-week immersive summer research experience program at an NCI-designated comprehensive cancer center. During the experience, first-year medical and physician assistant students will: experience scientific and clinical research by conducting a mentored research project of their choosing; explore clinical operations and role of clinical trials and translational research in advancement of cancer medicine; present summer research results in a capstone poster presentation; and develop an understanding of the multi-disciplinary and translational approach to developing cancer treatments and interventions. The goal of the program is to encourage entry into medical careers in technology and include a component of research.	<ul style="list-style-type: none"> ✓ Medical, DO, or Physician Assistant student currently in the first year of medical school at the time of application (summer research program is between first and second year of school). ✓ U.S. citizen or permanent resident. 	<p>Students receive a \$4,800 subsistence allowance to manage across living expenses and paying for lodging*</p> <p>*Out-of-town students pay for lodging and stay at Canisius College dormitories, 10 minutes from the Roswell Park Cancer Institute Campus.</p> <p>For more information, visit the website. If you have additional questions, please contact the program.</p>
San Francisco Department of Public Health	The San Francisco Health Network Behavioral Health Services Internship Program places trainees within the Adult/Older Adult and Children's Civil Service Clinics around the city of San Francisco. In these placements trainees will provide a range of health services. Along with required supervision hours, trainees have weekly didactic seminars, clinical case consultations and in-service trainings.	<ul style="list-style-type: none"> ✓ Must be enrolled in a graduate program at an approved school to be eligible to participate ✓ Please refer to the program's website or contact the respective administrator to review the eligibility criteria per program. 	<p>Stipend is available to students training in behavioral health and substance use disorder treatment programs, refer to the program's website for more information.</p> <p>For more information, visit the website. If you have additional questions, please contact Michelle Meier.</p>
San Francisco Department of Public Health	The Office of Policy and Planning at the San Francisco Department of Public Health (SFDPH) offers non-clinical, unpaid internships for individuals seeking work experience in research and policy. This internship provides practical learning experience for graduate students interested in public health, public policy, and related fields. Internships are designed to expose interns to careers in public service at the county level with support for professional development with supervising Office of Policy and Planning staff.	<ul style="list-style-type: none"> ✓ Must be currently enrolled in a graduate degree program in an accredited college or university. ✓ Maintain a "C" average or above. ✓ Interns must be proficient in the Microsoft Office suite of programs (e.g., Microsoft Word, Excel, and PowerPoint). 	<p>This internship is unpaid.</p> <p>For more information, visit the website. If you have additional questions, please contact Gretchen Paule.</p>

Internships in Scientific Research for Graduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Siemens Foundation-PATH (Washington)	The Siemens Foundation has partnered with PATH, a leading global health organization to launch the Siemens Foundation PATH Fellowship Program . The program engages science, technology, engineering, and math (STEM) students in innovative, hands-on assignments that serve society by accelerating high-impact, low-cost solutions to some of the world's most pressing health needs. Based in PATH's Seattle, Washington, office, fellows are provided a meaningful research and laboratory experience and exposed to career opportunities in global health.	<ul style="list-style-type: none"> ✓ Currently enrolled graduate student at an accredited institution. ✓ Legally authorized to work in the U.S. ✓ Minimum of 1 to 2 years of prior laboratory research experience. 	<p>Students will receive a \$3,000 stipend per month, in addition to \$1,400 per month for housing (for those not currently based in Seattle)</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Siteman Cancer Center (Missouri)	Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine invites graduate students to participate in the Leah Menshouse Springer Summer Opportunities Program . The program is designed to provide students with hands-on cancer research experience for 10 weeks over the summer. Opportunities range from basic science research to clinical research to prevention/control and population research. In addition to completing a research project with a faculty mentor, participants also engage in a variety of other activities as part of the program, including tours of state-of-the-art cancer treatment and research facilities and weekly seminars on current areas of research and career building tools.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled in graduate program at an accredited institution currently or intending to pursue MD and/or PhD training. <p>* Diversity in academic study and research is key to scientific discovery, students with diverse backgrounds and experiences are strongly encouraged to apply.</p>	<p>Students will receive a \$6,200 stipend. Participants are responsible for their travel and housing. Housing is available on campus for out-of-town participants at summer term rates as space allows.</p> <p>For more information, visit the website. If you have additional question, please send an email to the program.</p>

Internships in Scientific Research for Graduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
<p>St. Jude Children's Research Hospital (Tennessee)</p>	<p>The Pediatric Oncology Education program (POE) 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.</p>	<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 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 \$480 subsistence allowance, in addition to 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>
<p>University of Hawai'i Cancer Center (Hawai'i)</p>	<p>The Cancer Research Education, Advancement, Training and Empowerment (CREATE) program offers first-year graduate students at University of Hawai'i, Hawai'i Pacific University, Chaminade University, or the University of Guam the opportunity to gain a 1-semester research experience in population sciences a multiethnic environment or unique cancer biology labs with the goal to enhance their skills to address cancer disparities, causes, diagnosis, prevention, and treatment of cancer and to improve competitiveness in their future careers in cancer-related research.</p>	<ul style="list-style-type: none"> ✓ First year or incoming first-year graduate student at the University of Hawai'i, Hawai'i Pacific University, Chaminade University, and the University of Guam. ✓ At least a 3.5 GPA. ✓ Stated interest in cancer research. ✓ U.S. citizen or holder of permanent resident visa. ✓ Priority will be given to eligible applicants who are of an ethnic background that is considered under-represented in biomedical sciences. 	<p>Participants receive hourly pay according to University of Hawai'i schedules for their full-time participation in the internship program.</p> <p>For more information, please visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>

Internships in Scientific Research for Graduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Texas MD Anderson Cancer Center/National Cancer Institute (Texas)	The CPRTP Summer Research Experience is an intensive, ten-week paid providing a research experience and mentoring for undergraduate, graduate and health professional students interested in cancer prevention research. Under the guidance of the matched faculty mentor, summer trainees will collaborate full-time on an independent research project and receive additional mentoring by a research staff of graduate students, postdoctoral fellows, research assistants and laboratory technicians. Students will also attend educational and career development activities.	<ul style="list-style-type: none"> ✓ Currently enrolled graduate student OR health professional student (MD, dental, nursing, PharmD, etc.). ✓ U.S. citizen or permanent resident. ✓ Demonstrate interest in cancer prevention. 	<p>Participants will receive up to \$15.00/hour. Students will not receive health benefits, paid vacation or holiday pay. Travel and housing assistance are available for qualified applicants.</p> <p>For more information, please visit the website.</p> <p>If you have additional questions, please send an email to Dr. Carrie Cameron or Kava Lewis.</p>
USA Jobs (Multiple locations)	USAJOBS is the U.S. Government's official system/program for Federal jobs and employment information. This site serves as a search engine for jobs with the U.S. Government.	<ul style="list-style-type: none"> ✓ Please refer to the program's website or contact the respective administrator to review the eligibility criteria per program. 	<p>For more information, visit the website.</p>

Internships in Medicine for First-Year Medical Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Brigham and Women's Hospital (Massachusetts)	The Summer Training in Academic Research and Scholarship (STARS) program provides underrepresented first year medical students an opportunity to engage in basic clinical and translational research projects at Brigham and Women's Hospital and in conjunction with Harvard Medical School. Students participate in intensive hands-on training in research methods and practice directly in the labs of Brigham and Women's Hospital and Harvard Medical School's leading researchers.	<ul style="list-style-type: none"> ✓ Member of a group traditionally underrepresented in the sciences. ✓ U.S. citizen or non-citizen national with a permanent resident visa. ✓ Can provide proof of health insurance coverage. 	<p>Students will receive a \$5,000 stipend for food and other necessities, travel compensation to and from Boston, and housing for the duration of the 8-week program.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Children's Hospital Los Angeles (California)	The NIH-supported Summer Oncology Research Fellowship (SORF) Program is designed for medical students in the summer between their first and second year who are considering a biomedical career that involves cancer research. SORF immerses medical students in cutting-edge research within a team science framework in oncology and related fields. Students are matched with mentoring teams according to interests and research experience.	<ul style="list-style-type: none"> ✓ Medical students in the summer between their first and second year who are considering a biomedical career that involves cancer research. 	<p>Students will receive a stipend of \$600/week for 10-12 weeks. Travel and housing assistance are available for qualifying students. Some students may also qualify for support for additional research done after completing the program.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Harborview Medical Center (Washington)	Harborview Injury Prevention & Research Center's (HIPRC) Pediatric Injury Prevention Student Internship Training (INSIGHT) program is an intensive, eight-week summer internship that provides paid research experience and mentorship for students who are interested in injury research. Participants are matched to research projects and partnered with health sciences faculty from across the University of Washington and work alongside peers and health professionals from an array of disciplines. Past research areas include elucidating the risk factors and causes of injuries, injury prevention strategies, acute and chronic care of injured patients, outcomes from trauma, and interventions to return the injured individual to their full potential.	<ul style="list-style-type: none"> ✓ U.S citizen or permanent resident and are eligible to work in the U.S or hold a valid student visa or have DACA status. ✓ Minimum cumulative GPA of 3.0 is preferred. ✓ Current 1st year Medical students, or students entering medical school in Fall 2021 are given preference. 	<p>Interns will receive a \$3,200 stipend. Students are independently responsible for arranging their housing, meals and transportation. The UW offers some discounted summer housing within the dorms on campus. Students accepted into the program will be sent details of on campus housing. Travel reimbursement awards are available for individuals who qualify. Recipients of these awards will be notified upon acceptance into the program.</p> <p>For more information, visit the website.</p>

Internships in Medicine for First-Year Medical Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Johns Hopkins Medical Institutions (Maryland)	The Cancer in the Under-Privileged, Indigent, or Disadvantaged (CUPID) summer fellowship program is a 10-week opportunity for medical students interested in the care of underserved populations, specifically in the field of cancer. Students will attend lectures by senior clinical and research faculty, partake in half-day clinical rotations, conduct research in oncology laboratories of the Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins and be able to present their research at an end of program research symposium. Lecture topics include, but are not limited to cancer genetics, radiobiology, cancer health disparities, and cancer immunology.	<ul style="list-style-type: none"> ✓ First-year medical students in the US or in a US territory. ✓ Interest in caring for underserved populations and exploring careers in oncology. 	<p>Students will receive a \$5,000 stipend and free housing.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Gail Voelker.</p>
Indiana University (Multiple Locations)	Indiana University maintains a compilation of summer opportunities for first-year medical school students.	<ul style="list-style-type: none"> ✓ Please refer to the program's website or contact the respective administrator to review the eligibility criteria per program. 	<p>For more information, visit the website.</p>
Massachusetts General Hospital (Massachusetts)	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 8-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. ✓ Rising 1st year medical student OR 1st year medical student. ✓ Member of a group that is underrepresented in medicine. 	<p>A living stipend of \$4,000 for food and other necessities is provided along with housing costs (lodging arrangements provided near the hospital).</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Medical University of South Carolina (South Carolina)	The Summer Health Professionals Research Program is a 10 week summer course that provides professional students with the opportunity to work with a faculty member on a funded research project and acquaints the students with an area of specialized research currently under investigation in their lab. The course will provide hands on experience with many research skills. here will also be a lecture component to this course. Tuition for this course is waived for participants in the program.	<ul style="list-style-type: none"> ✓ Must be enrolled in a professional graduate program (MD, PharmD, or DMD). ✓ Academic minimum: 3.0 GPA. ✓ Must be available during entire length of the program. 	<p>Students will receive a living allowance ranging from \$3,900 for the 10-week program.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Stephanie Brown-Guion.</p>

Internships in Medicine for First-Year Medical Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
<p>Minneapolis Heart Institute Foundation (Minnesota)</p>	<p>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. During their 12 week internships, interns spend nearly 11 days on shadowing, observations and other field trips.</p>	<ul style="list-style-type: none"> ✓ First-year medical students. ✓ Enrolled in a U.S.-based accredited degree program in a health care or related discipline. ✓ Have GPA of 3.6 or above. ✓ U.S. citizen or permanent resident. 	<p>Students will be paid \$480/week (40 hrs/week) for their participation in the internship.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
<p>Roswell Park Cancer Institute (New York)</p>	<p>The Summer Research Experience Program in Oncology is an 8 week immersive summer research experience program at an NCI-designated comprehensive cancer center. During the experience, first-year medical and physician assistant students will: Experience scientific and clinical research by conducting a mentored research project of their choosing; Explore clinical operations and role of clinical trials and translational research in advancement of cancer medicine; Present summer research results in a capstone poster presentation; and Develop an understanding of the multi-disciplinary and translational approach to developing cancer treatments and interventions. The goal of the program is to encourage entry into medical careers in technology and include a component of research.</p>	<ul style="list-style-type: none"> ✓ Be enrolled in the first year of medical, PA or dental school at the time of application. ✓ U.S. citizen or permanent resident. 	<p>Students receive a \$4,800 subsistence allowance to manage across living expenses and paying for lodging*</p> <p>*Out-of-town students pay for lodging and stay at Canisius College dormitories, 10 minutes from the Roswell Park Cancer Institute Campus.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please contact the program.</p>

Internships in Medicine for First-Year Medical Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Siteman Cancer Center (Missouri)	Siteman Cancer Center at Barnes-Jewish Hospital and Washington University School of Medicine invites medical students to participate in the Leah Menshouse Springer Summer Opportunities Program . The program is designed to provide students with hands-on cancer research experience for 10 weeks over the summer. Opportunities range from basic science research to clinical research to prevention/control and population research. In addition to completing a research project with a faculty mentor, participants also engage in a variety of other activities as part of the program, including tours of state-of-the-art cancer treatment and research facilities and weekly seminars on current areas of research and career building tools.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled in medical school at an accredited institution. * Diversity in academic study and research is key to scientific discovery, students with diverse backgrounds and experiences are strongly encouraged to apply. 	<p>Students will receive a \$6,200 stipend. Participants are responsible for their travel and housing. Housing is available on campus for out-of-town participants at summer term rates as space allows.</p> <p>For more information, visit the website.</p> <p>If you have additional question, please send an email to the program.</p>
St. Jude Children's Research Hospital (Tennessee)	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 ✓ Currently enrolled graduate student preparing for a career in medicine or biomedical sciences. ✓ Students with an interest in cancer research are particularly encouraged to apply. 	<p>Undergraduate students will receive a \$4,000 stipend, in addition to housing near campus. Graduate students will receive a \$4,800 stipend, in addition to 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>

Internships in Medicine for First-Year Medical Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Texas MD Anderson Cancer Center (Texas)	The 1st Year Medical Student Program at MD Anderson Cancer Center offers a 10-week research program specifically designed for medical students who are interested in hands-on biomedical, translational or clinical research. The program includes: hands-on investigative scientific research under the direction of MD Anderson faculty; opportunities for clinical observation in various radiologic, medical and surgical disciplines; expert lecture series specifically tailored for medical students designed to expand student's knowledge of various scientific fields and medical disciplines; interview skills workshop; and end-of-program presentation of research projects.	<ul style="list-style-type: none"> ✓ Must have completed first year of medical school at an LCME- or COCA-accredited US medical school. ✓ Demonstrate an interest and aptitude for scientific investigation. ✓ Must be able to commit to the full 10-week program. ✓ International students are ineligible. 	<p>Participants receive a stipend to subsidize housing, meals, and travel expenses.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
University of Texas MD Anderson Cancer Center/National Cancer Institute (Texas)	The CP RTP Summer Research Experience is an intensive, ten-week paid providing a research experience and mentoring for graduate and health professional students interested in cancer prevention research. Under the guidance of a faculty mentor, summer trainees will collaborate full-time on an independent research project and receive additional mentoring by a research staff of graduate students, postdoctoral fellows, research assistants and laboratory technicians. Students will also attend educational and career development activities.	<ul style="list-style-type: none"> ✓ Currently enrolled graduate student OR health professional student (MD, dental, nursing, PharmD, etc.). ✓ U.S. citizen or permanent resident. ✓ Demonstrated interest in cancer prevention. 	<p>Participants will receive up to \$15.00/hour.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Dr. Carrie Cameron or Kava Lewis.</p>
University of Texas Medical School at Houston (Texas)	The UT Houston Summer Research Program provides 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 first-year UTHMS medical student. ✓ U.S. citizen or permanent resident. ✓ Must have completed 12 hours of coursework in a science discipline. 	<p>Students will receive a \$2,500 stipend. A limited number of NIH grants offer a stipend of \$5,200. Minimal on-campus housing is available at a discounted rate.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Linh Trinh.</p>