

Biomedical Research Internships

The following catalog features approximately 260 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. 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 / For More Information
21 Progress	<p>Learn about social justice education and leadership, impact your community, and meet amazing activist and mentors this summer!</p> <p>Fun, innovative, and hands-on internship for passionate and skilled people who are eager to take on challenges, opportunities, and make a lasting difference in their community. We want to share our favorite tools and learning lessons with those in the community who are exploring their own purpose- both professionally and personally.</p>	<p>Age Restrictions: All applicants must be at least 18 years old.</p> <p>Geographic Restrictions: Available to Washington state residents only.</p> <ul style="list-style-type: none"> ✓ College-level written and oral English communication skills. ✓ Proficient with Microsoft Office suite, online social media, and email communication. 	<p>Participants will receive a \$1,500 stipend for 30 hours per week 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.</p>
The Arthritis Foundation (California)	<p>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).</p> <p>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>	<p>Age Restrictions: All applicants must have reached their 17th birthday by June 1. NO EXCEPTIONS will be made.</p> <p>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:</p> <p>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.</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.</p> <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.</p> <p>If you have additional questions, please send an email to the program.</p>
Cancer Research Center of Hawai'i (Hawai'i)	<p>The goal of the Summer Internship Program is to encourage high school and undergraduate students to pursue future careers in the biosciences, particularly cancer research. Interns have the opportunity to participate in population-based research or laboratory-based research. By participating in a research program, interns will learn from experts who are devoted to preventing, treating, and curing</p>	<ul style="list-style-type: none"> ✓ High school student junior or senior (at least 16 years of age or turning 16 before starting the program) OR a college sophomore or junior. ✓ Be a Hawai'i resident. ✓ Academic minimum: 3.5 GPA. ✓ Member of an underrepresented group in the sciences (racial and 	<p>High school students will receive \$1,500 for 200 internship hours.</p> <p>Undergrad students will receive a \$3,000 stipend for participation in the 9-week internship.</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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Internships in Scientific Research for High School Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	cancer. Each year, a number of promising students are selected for this unique opportunity to expand and extend their interest in cancer research.	ethnic, first generation to attend college, economically disadvantaged).	
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"> ✓ 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. ✓ Have completed chemistry and biology high school courses. ✓ Willing to make a full-time commitment to a research project. 	Students will receive a \$4,000 stipend. For more information , visit the website . If you have additional questions, please send an email to the program .
Indiana University, Melvin and Bren Simon 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"> ✓ High school OR undergraduate student. <p><i>High school students must:</i></p> <ul style="list-style-type: none"> ✓ Have completed their junior year. ✓ Display an aptitude for science and math. ✓ Academic minimum: 3.0 GPA. <p><i>Undergraduate students must:</i></p> <ul style="list-style-type: none"> ✓ Complete at least 24 hours of college credit. ✓ Major in biomedical or behavioral science. ✓ Academic minimum: 3.2 GPA. 	Students will receive a stipend as part of their participation in the program. For more information , visit the website . If you have additional questions, please send an email to the program or call (317) 274-8880.
Iowa State University (Iowa)	Participants of the George Washington Carver Summer Research Internship Program will engage in a 6-week research experience with an Iowa State University faculty member, and attending weekly professional development and educational activities. A research symposium at the end of the program provides students with an opportunity to showcase their work.	<ul style="list-style-type: none"> ✓ Must be at least 16 years of age. ✓ High school seniors are eligible to apply. ✓ Academic minimum: 3.0 GPA. ✓ U.S. citizen or permanent resident. 	High school students will receive a \$1,750 stipend, on-campus housing, and a meal plan. For more information , visit the website . If you have additional questions, please send an email to Dr. Theresa Cooper .

Internships in Scientific Research for High School 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"> ✓ High school junior or senior OR undergraduate student. <p><i>High school students must:</i></p> <ul style="list-style-type: none"> ✓ Junior or senior standing. ✓ Be 16 years of age or older. ✓ U.S. citizen. <p><i>Undergraduate students must:</i></p> <ul style="list-style-type: none"> ✓ Enrolled in an accredited degree program in a healthcare-related field. 	High school students will receive a \$3,000 stipend. Undergraduate 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 .
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: <ul style="list-style-type: none"> • Vascular Biology • Stem Cell Biology • Developmental Biology • Neurobiology • Hematology • Nephrology • Tumor Biology • Molecular Genetics 	<ul style="list-style-type: none"> ✓ High school (completion of grade 12) OR currently enrolled, full-time undergraduate student. ✓ Must be 18 years of age by June 2019. ✓ Academic minimum: 3.0 GPA ✓ Can be employed in the U.S. 	Students will receive a \$4,500 stipend. Students are responsible for their own transportation and housing. For more information , visit the website . If you have additional questions, please send an email to Liz Bergst .
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. These internship opportunities are held over four campuses located at: <ul style="list-style-type: none"> • Greenbelt, Maryland 	<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 .

Internships in Scientific Research for High School Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	<ul style="list-style-type: none"> • Wallops Flight Facility, Wallops Island, Virginia • Goddard Institute for Space Studies, New York • Independent Verification and Validation Facility, Fairmont, West Virginia 		
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 16 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.</p> <p>If you have additional questions, please send an email to the program.</p>
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. ✓ Must have insurance by the time of acceptance into the program. ✓ Member of an underrepresented group in biomedical sciences (as shown by the National Science Foundation) OR have been diagnosed with a disability that substantially limits one or more major life activities 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.</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 / For More Information
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. ✓ Must be at least 16 years of age by start of program. ✓ U.S. citizen or permanent resident. 	The stipend for trainees is adjusted annually. For more information , visit the website . If you have additional questions, please send an email to the program .
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. 	The stipend is adjusted annually. For more information , visit the website .
Rosetta Institute of Biomedical Research (California)	<p>The Rosetta Institute of Biomedical Research offers an advanced class for high achieving high school students interested in a career in medicine or related fields, such as pharmacy, nursing, biomedical research, or drug development. 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.</p> <p>There are two workshops are offered; one at University of California, Berkeley and the other at the University of California, San Diego.</p> <p>Participation in the cancer workshop will enable attendees to:</p> <ul style="list-style-type: none"> • Learn and apply molecular biology and molecular laboratory techniques; 	<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). <p>*The residential price includes:</p> <ul style="list-style-type: none"> • Room and board; • Roundtrip transportation to/from the airport; and • Field trips/recreational activities. 	For more information and/or to apply, 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 / For More Information
	<ul style="list-style-type: none"> 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. 		
<p>Roswell Park Cancer Institute (New York)</p>	<p>This program is designed to provide high school and college junior students an opportunity to learn and become active participants in cancer research.</p> <p>The major objectives of the high school program are to:</p> <ul style="list-style-type: none"> Introduce students to scientific research through a project supervised by graduate faculty members; Help students develop their own philosophy of science; Give students an opportunity to discover and experience the graduate student lifestyle; and Aid in identifying an undergraduate college major if a field of specialization has not yet been determined. <p>All students present their research poster during a scientific conference at the conclusion of the program.</p>	<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. ✓ Resident (permanent address) of the following counties in western New York: Erie, Niagara, Cattaraugus, and Chautauga. (For high school students, this is a commuter-based only program.) ✓ Must be at least 15 years old at the start of the program. ✓ 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. If you have additional questions, please contact Dr. Adam Kisailus.</p>
<p>Shoreline Community College (Washington)</p>	<p>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. The three sessions for 2018 are:</p> <ul style="list-style-type: none"> Biotechnology Essentials & Beyond; Biotechnology & Infectious Disease “Tracking Pandemic Flu”; and Biotechnology & Cancer “Causes, Cures, and Careers” 	<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. If you have additional questions, please contact Dr. Dina Kovarik</p>

Internships in Scientific Research for High School Students

Program Sponsor	Description	Eligibility	Compensation / For More 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 fall of 2018. ✓ Must be at least 16 years old by the start of the program. ✓ Students from groups traditionally underrepresented in the sciences (i.e., African American, Hispanic American, Native American) or economically disadvantaged households are particularly encouraged to apply. ✓ Bay Area residents are strongly favored. 	<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 Summer Residential Program (SRP) 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. ✓ Completion of high school science classes, with at least a B average. ✓ Academic minimum: 2.75 GPA. ✓ Interest in science, medicine, and health, and have demonstrated intelligence, maturity, and initiative. 	<p>For more information, visit the website or contact the program via email.</p>
STEP-UP (Multiple locations)	The Short-Term Research Experience for Underrepresented Persons (STEP-UP) is a federally-funded program managed and supported by the Office of Minority Health Research Coordination (OMHRC) in the	<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. 	<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 / For More Information
	<p>National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) of the National Institutes of Health.</p> <p>The overall goal of this program is to build and sustain a biomedical, behavioral, clinical, and social science research pipeline focused on NIDDK mission areas. The STEP-UP program for 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"> ✓ Academic minimum: 3.0 GPA. ✓ Have personal medical/health insurance coverage throughout the duration of the program. ✓ Come from a group traditionally underrepresented in the sciences (i.e., African American, Hispanic American, Native American) OR from a disadvantaged background as defined by annual family income and/or on track to be a first-generation college student in their family OR diagnosed with a disability that substantially limits one or more major life activities. 	

Internships in Scientific Research for High School Students

Program Sponsor	Program Sponsor	Program Sponsor	Program Sponsor
University of Texas MD Anderson Cancer Center (Texas)	<p>The King Foundation supports a 7-week program for college-bound students graduating from Texas high schools. Participants experience various laboratory techniques, learn about the research process, and explore the fields of Clinical Laboratory Science, Cytogenetic Technology, Cytotechnology, Diagnostic Imaging, Diagnostic Medical Sonography, Histotechnology, Medical Dosimetry, Molecular Genetic Technology and Radiation Therapy.</p>	<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. ✓ Accepted into a college or university as a first year college student during Fall semester following participation in the program. 	<p>Participants will receive a stipend meant solely to subsidize cost of living expenses for students. Participants whose permanent residence is more than a 20-mile distance may be provided housing accommodations at Rice University.</p> <p>For more information, visit the website.</p>
University of Washington, Genomics Outreach for Minorities (Washington)	<p>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</p>	<ul style="list-style-type: none"> ✓ High school senior who will be attending the University of Washington Seattle campus. 	<p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Greg Diggs.</p>

Internships in Scientific Research for High School Students

Program Sponsor	Program Sponsor	Program Sponsor	Program Sponsor
	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.	✓ Have an interest in science research, specifically in genetics and genomics.	
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.	✓ Please refer to the program's website or contact the respective administrator to review the eligibility criteria per program.	For more information , visit the website .

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
21 Progress	<p>Learn about social justice education and leadership, impact your community, and meet amazing activist and mentors this summer!</p> <p>Fun, innovative, and hands-on internship for passionate and skilled people who are eager to take on challenges, opportunities, and make a lasting difference in their community. We want to share our favorite tools and learning lessons with those in the community who are exploring their own purpose- both professionally and personally.</p>	<p>Age Restrictions: All applicants must be at least 18 years old</p> <ul style="list-style-type: none"> ✓ College-level written and oral English communication skills ✓ Proficient with Microsoft Office suite, online social media, and email communication 	<p>Participants will receive a \$1,500 stipend for 30 hours per week for 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.</p>
Albert Einstein College of Medicine (New York)	<p>Students in the Summer Undergraduate Research Program (SURP) spend 9 weeks in a laboratory in one of ten basic science departments. At the end of the program, SURP students present their research at a poster session. About 50 students participate in the program each year.</p>	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of junior standing (In rare instances, sophomores may be considered). ✓ Strong background in the sciences (e.g., biology, biochemistry, chemistry, physics, bioengineering chemical engineering, etc.). ✓ U.S. citizen or permanent resident. 	<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. Interns are responsible for their own meals, health insurance coverage, and incidentals.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
American Society for Microbiology (District of Columbia)	<p>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.</p>	<ul style="list-style-type: none"> ✓ Currently enrolled, full-time matriculating undergraduate student at an accredited U.S. institution. ✓ U.S. citizen or permanent resident. ✓ Be involved in a research project. ✓ Have an ASM member at their home institution that is willing to serve as a mentor. ✓ Be an ASM member. ✓ Not receiving 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.</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
Amgen Scholars (California)	<p>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.</p> <p>Amgen Scholars carry out the work over a 10-week in the summer, and at the conclusion they submit a technical paper and give an oral presentation.</p>	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of sophomore (with at least 4 quarters or 3 semesters of college course work), junior, or non-graduating senior standing attending a 4-year college or university in the U.S., Puerto Rico, or other U.S. territory. ✓ Academic minimum: 3.2 GPA. ✓ U.S. citizen or permanent resident. ✓ Interest in pursuing a PhD or MD/PhD. 	<p>Students will receive a \$6,000 stipend and a room and board allowance. Non-Cal Tech students will receive reimbursement for their travel to and from Pasadena.</p> <p>For more information, visit the website.</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 \$4,000 stipend, \$500 in on-campus food allowance, and housing on the Morningside campus of Columbia University.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Chanda Springer.</p>
Amgen Scholars (Massachusetts)	<p>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.</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. ✓ 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.</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
Amgen Scholars (Massachusetts)	The Massachusetts Institute of Technology offers a 9-week research experience in which students will work under the guidance of faculty mentors and interact with fellow undergraduate students while participating in research-related workshops, lectures, and seminars.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student of sophomore (with at least 4 quarters or 3 semesters of college course work), junior, or non-graduating senior standing attending a 4-year college or university in the U.S., Puerto Rico, or other U.S. territory. ✓ Academic minimum: 3.2 GPA. ✓ Interest in pursuing graduate school, including a PhD or MD/PhD. 	<p>Students will receive a \$4,500 stipend and travel support for non-MIT students. Housing in a designated MIT residence hall and an \$800 in on-campus food allowance is also provided.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program or call: (617) 253-7306.</p>
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 in the U.S., Puerto Rico, or other U.S. territory. ✓ Academic minimum: 3.2 GPA. ✓ Interest in pursuing graduate school, including a PhD or MD/PhD. ✓ Students 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.</p> <p>If you have additional questions, please send an email to the program.</p>
Amgen Scholars/Stanford University (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	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of sophomore or junior standing OR non-graduating senior attending a 4-year accredited college or university. ✓ U.S. citizen or permanent resident. ✓ Students who belong to groups traditionally underrepresented in the sciences are strongly encouraged to apply. 	<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.</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
	students present their research to faculty, lab mentors, and university administrators.	<ul style="list-style-type: none"> ✓ Academic minimum: 3.2 GPA. ✓ Interest in pursuing a PhD (or, in exceptional cases, those interested in MD/PhD will also be considered). 	
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 (with at least 4 quarters or 3 semesters of college course work), junior, or non-graduating senior standing attending a 4-year college or university in the U.S., Puerto Rico, or other U.S. territory. ✓ Academic minimum: 3.2 GPA. ✓ Interest in pursuing graduate school, including a PhD or MD/PhD. ✓ Prior research experience preferred. ✓ Previous Amgen Scholars are ineligible to participate. 	<p>Students will receive a \$5,000 stipend (including meal allowance), 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.</p> <p>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 \$3,600 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. <i>*Note:</i> The UCLA Amgen Scholars Program reserves the right to adjust stipend amounts for students receiving alternative sources of financial support.</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
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 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. ✓ 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.</p> <p>If you have additional questions, please send an email to Julia Clark or call: (415) 514-3510.</p>
Amgen Scholars (Missouri)	<p>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.</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. ✓ Academic minimum: 3.2 GPA. ✓ Interest in pursuing graduate school, including a PhD or MD/PhD (MSTP). 	<p>Students will receive a \$4,000 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.</p> <p>If you have additional questions, please send an email to Rochelle Smith.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
The Arthritis Foundation (California)	<p>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).</p> <p>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>	<p>Age Restrictions: All applicants must have reached their 17th birthday by the start of the program. NO EXCEPTIONS will be made.</p> <p>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 Arthritis Foundation Summer Science Internship Program website.</p>	<p>High school juniors or seniors will receive a \$1,500 stipend paid in two installments.</p> <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.</p> <p>If you have additional questions, please send an email to the program.</p>
Association of American Medical Colleges (Multiple locations)	<p>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.</p>	<p>✓ Please refer to the program's website or contact the respective administrator to review the eligibility criteria per program.</p>	<p>For more information, visit the website.</p>
Baylor College of Medicine (Texas)	<p>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.</p>	<p>✓ Attending a university and returning to the college/university to complete their undergraduate degree</p> <p>✓ Academic minimum: 3.0 GPA</p>	<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.</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
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 \$5,250 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.</p> <p>If you have additional questions, please send an email to the program or call: (617) 353-2432.</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: <ul style="list-style-type: none"> • REU in Cell & Molecular Visualization • 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.</p> <p>If you have additional questions, please send an email to the program.</p>
Brigham and Women's Hospital (Massachusetts)	The Summer Training in Academic Research and Scholarship (STARS) program provides underrepresented minority (URM) medical and undergraduate students an opportunity to engage in basic clinical and translational research projects at Brigham and Women's Hospital (BWH) and in conjunction with Harvard Medical School (HMS). This program is designed to enhance the research capabilities of URM undergraduate and medical students and to encourage these scholars to pursue advanced graduate and medical education and training at BWH and HMS.	<ul style="list-style-type: none"> ✓ Member of a group traditionally underrepresented in the sciences (African-American, Alaskan/Hawaiian Native, Hispanic, or Native American). ✓ U.S. citizen or non-citizen national with a permanent resident visa. ✓ Undergraduate student of junior or senior standing OR first-year medical student. ✓ Can provide proof of 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.</p> <p>If you have additional questions, please send an email to the program.</p>
Broad Institute of MIT and Harvard (Massachusetts)	The Summer Research Program in Genomics (SRPG) , funded by the National Human Genome Research Institute, is designed for underrepresented minority undergraduate students with an interest in the physical, biological, or computer sciences, engineering, or mathematics and a commitment to research.	<ul style="list-style-type: none"> ✓ Enrolled in a four-year college for the fall. ✓ Major in physical, biological, or computer sciences, engineering, or mathematics. ✓ Academic minimum: 3.2 GPA. 	<p>Students will receive a \$4,250 stipend with paid housing 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>

Biomedical Research Internships

Prepared by: Jennifer Anderson, Jordan Cañas Ramsey, Marilyn Drennan, Noah Espinoza, and Stephanie Louie

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Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	Students will spend 9 weeks of the summer in a laboratory at the Broad Institute, where they will perform original scientific research.	<ul style="list-style-type: none"> ✓ US citizen or permanent resident. ✓ Member of a group traditionally underrepresented in the sciences is highly encouraged to apply. 	
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"> ✓ Undergraduate student of sophomore, junior, or non-graduating senior status (Completed second semester or third quarter at your college). ✓ Prior research experience. ✓ Academic minimum: 3.2 GPA. ✓ Interest in pursuing a PhD. ✓ Not be under any disciplinary sanction. ✓ US citizen or permanent resident. 	<p>Students will receive a \$6,275 stipend for 10-weeks with a \$225 housing and travel supplement provided.</p> <p>For more information, visit the website.</p>
Cancer Research Center of Hawai'i (Hawai'i)	The goal of the Summer Internship Program is to encourage high school and undergraduate students to pursue future careers in the biosciences, particularly cancer research. At the same time, students make a valuable contribution to the UH Cancer Center's research mission. By participating in a research program, interns will learn from experts who are devoted to preventing, treating, and curing cancer. Each year, a number of promising students are selected for this unique opportunity to expand and extend their interest in cancer research.	<ul style="list-style-type: none"> ✓ High school student (at least 16 years of age or turning 16 before starting the program) OR college sophomore or junior ✓ Be a Hawai'i resident. ✓ Academic minimum: 3.5 GPA. ✓ Member of an underrepresented group in the sciences (racial and ethnic, first generation to attend college, economically disadvantaged) is highly encouraged to apply. 	<p>Students receive an hourly wage in accordance with the University of Hawaii Student Research Fellow pay scale.</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
Charles Drew University (California)	The Undergraduate Cancer Research Training Program (UCRTP) is a 12-week summer internship for outstanding undergraduates contemplating careers in biomedical/research related fields. It is hosted by CDU, in partnership with the Jonsson Comprehensive Cancer Center at UCLA. Trainees will work with a lab mentor on a hypothesis-driven project, culminating with a write up of findings in manuscript format.	<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. 	<p>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.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Milena Pavlova.</p>
Children's Hospital Los Angeles (California)	The Summer Oncology Fellowship is to provide highly qualified undergraduates majoring in health sciences fields or first-year medical students an opportunity to explore the field of oncology research. This 6-8 week program allows students the opportunity to participate in clinical or laboratory research studies and to attend a pediatric oncology lecture series.	<ul style="list-style-type: none"> ✓ Highly qualified undergraduate student majoring in the health science fields OR first-year medical school student. 	<p>Students will receive a stipend of \$350/week for a minimum of 10 weeks and a maximum of 12 weeks. A limited amount of funds is available as reimbursement for travel and housing on a case-by-case basis for students from outside the greater Los Angeles area.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
Cincinnati Children's Hospital Medical Center (Ohio)	The Summer Undergraduate Research Fellowship (SURF) provides an opportunity for students to explore laboratories in the Department of Pediatrics, University of Cincinnati College of Medicine and conduct a research project under the direction of a faculty member at Cincinnati Children's. Students will also participate in various academic programs, including research seminars, journal clubs, and career days, as well as social activities with interns from other programs at the university. Interns will present their research project at a poster competition.	<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 Lisa Higgins.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
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"> ✓ 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. ✓ Willing to make a full-time commitment to a research project. 	Students will receive a \$4,000 stipend. For more information , visit the website . If you have additional questions, please send an email to the program .
Cold Spring Harbor Laboratory (New York)	The 10-week Undergraduate Research Program offers 25 local, national, and international students the opportunity to work with senior laboratory staff on an independent research project, specifically in the areas of: <ul style="list-style-type: none"> • Molecular Biology & Cancer • Neuroscience • Plant biology • Quantitative Biology • Genetics & Genomics 	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of sophomore or junior standing with a strong academic background in a science. <p><i>*Exceptions are made for first-year undergraduate students with prior independent research experience.</i></p>	Students will receive a \$5,000 stipend, in addition to room and board at the Cold Spring Harbor Laboratory campus. For more information , visit the website . If you have additional questions, please send an email to the program .
Colorado State University (Colorado)	The Research Experience for Undergraduates (REU) allows students to actively participate in a wide range of research areas, including: <ul style="list-style-type: none"> • Protein structure and function • Cancer biology • Plant biology • Embryonic development • Diabetes <p>In addition to working with a faculty mentor, students will also participate in seminars, weekly meetings, and social activities.</p>	<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. 	Students will receive a \$5,000 stipend, housing in nearby apartments, \$1,800 for food, and up to \$800 for travel expenses. For more information , visit the website . If you have additional questions, please send an email to the program or call: (970) 491-5602.

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Columbia University Medical Center (New York)	<p>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.</p> <p>In addition, students receive in-depth training in biomedical research methodology, including the:</p> <ul style="list-style-type: none"> • 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 ✓ Undergraduate student. Preference is given to students who are rising juniors or seniors. ✓ Academic minimum: 3.2 GPA. ✓ Underrepresented minority student (African American, Hispanic/Latino, Native American, or Pacific Islander) and/or students from economically or educationally disadvantaged backgrounds (such as first-generation college attendee or low income) ✓ Interested in pursuing graduate education in a biomedical field (MD, MD/PhD, or PhD) 	<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>
Committee on Institutional Cooperation (Maryland)	<p>The School of Public Health's Summer Training and Research (SPH UM*STAR) Program at the University of Maryland provides two consecutive summers of a 10-week research program for undergraduates interested in biomedical and/or behavioral science graduate programs. In addition to guest researcher lunches and scientific journal club, participants will have the opportunity to conduct a summer research project related to cardiovascular disease with a Public Health faculty mentor. These projects will be showcased at the conclusion of the program.</p>	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of sophomore or junior standing. ✓ Academic minimum: 3.0 GPA. ✓ Desire to pursue a PhD in biomedical or behavioral sciences. ✓ U.S. citizen or permanent resident. ✓ Must come from an underrepresented minority group, disadvantaged background, and/or have a disability. ✓ Willing to commit to the program for 2 consecutive summers. 	<p>Students will receive a \$4,800 stipend, on-campus housing, and round-trip travel.</p> <p>For more information, visit the UMD website OR the CIC 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
Committee on Institutional Cooperation (Michigan)	The goals of the Summer Research Opportunities Program (SROP) at Michigan State University are to involve undergraduate students in graduate-level research, provide a mentoring experience with an MSU faculty member, motivate undergraduate students to pursue an academic career, and recruit undergraduate students for graduate study at MSU. Supporting activities include weekly research reports, seminars, graduate enrichment workshops, involvement with the MSU community and statistics/research methods enrichment workshops.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student of freshman, sophomore, junior, or non-graduating senior 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. 	<p>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.</p> <p>For more information, visit the MSU website OR the CIC website.</p> <p>If you have additional questions, please send an email to the program.</p>
Committee on Institutional Cooperation (Michigan)	The Summer Research Opportunities Program (SROP) at the University of Michigan offers outstanding undergraduate students who are traditionally underrepresented in their field of study an opportunity to conduct intensive research across a variety of disciplines. The goal is to prepare students for a PhD program at UM. Students will work with faculty mentors and engage in a series of academic, professional, and personal development seminars.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Undergraduate student of junior or senior standing with strong interest in pursuing a PhD following completion of bachelor's degree. ✓ Must have medical/health coverage and insurance. ✓ Academic minimum: 3.0 GPA. ✓ A low-income individual who is a first-generation college student OR a member of a group that is underrepresented in graduate education OR have experienced financial hardship as a result of family economic circumstances. 	<p>Students will receive a \$4,000 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 8-week program to engage in lab research with a faculty mentor and attend professional development workshops. Participants will also attend field trips and social activities in addition to showcasing their project at the culmination of the program and at a national conference.	<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 	<p>For more information, visit the website.</p>

Biomedical Research Internships

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Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
		in pursuing a PhD following completion of bachelor's degree.	
Drexel University College of Medicine (Drexel Med) (Pennsylvania)	<p>Students in the Summer Undergraduate Research Fellowship (SURF) work with Drexel faculty in a broad range of areas, including:</p> <ul style="list-style-type: none"> Biochemistry Molecular and cell biology Neuroscience Microbiology Immunology Pharmacology and physiology. <p>SURF students will work full-time on a unique project related to the research goals of their lab. At the conclusion of the program, students will give a specific, conference-style presentation describing their research project to fellow interns and mentors.</p>	<ul style="list-style-type: none"> ✓ Interest in pursuing biomedical research as a career and in good academic standing. ✓ 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.</p> <p>If you have additional questions, please send an email to Amanda Mangano.</p>
Duke University (North Carolina)	<p>Duke University hosts summer programs on three campuses in a variety of fields. The Duke University Summer Research Opportunity Program (SROP) is a 10-week training program designed to give motivated undergraduate students hands-on experience in graduate-level biomedical research. The Program is designed for students who are seriously considering joining a PhD Graduate Program.</p>	<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.</p> <p>If you have additional questions, please send an email to Alan Kendrick.</p>
Emergent Behaviors of Integrated Cellular Systems NSF Science and Technology Center (Multiple locations)	<p>The Emergent Behaviors of Integrated Cellular Systems NSF Science and Technology Center (EBICS) is a collaborative effort involving teams from Georgia Tech, MIT, and University of Illinois-Urbana Champaign. EBICS announces its "Engineering Biological Machines" REU, a summer research program for undergraduates beginning in the summer. Other highlights include professional development, mentoring, and social engagement with other REU students.</p>	<ul style="list-style-type: none"> ✓ Currently enrolled in a science or engineering undergraduate program. ✓ U.S. citizen or permanent resident. ✓ Students from underrepresented minority groups and women are strongly encouraged to apply. 	<p>Students will receive a \$4,500 stipend and allowance for travel expenses, on-campus 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>

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Internships in Scientific Research or Medicine for Undergraduate Students

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Fred Hutchinson Cancer Research Center (Washington)	<p>The Summer Undergraduate Research Program (SURP) is an intensive, 9-week internship designed to provide research experience and mentorship for undergraduate students who are interested in biological research. Students will be paired with a faculty mentor after selecting one of the following areas of interest:</p> <ul style="list-style-type: none"> • Basic Sciences • Human Biology • Public Health • Clinical Research • Vaccine and Infectious Disease <p>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.</p>	<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, meals, and transportation. <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.</p> <p>If you have additional questions, please send an email to the program.</p>
Gerstner Sloan-Kettering (New York)	<p>The Summer Undergraduate Research Program is designed for approximately 20 outstanding undergraduate students who are interested in pursuing a career in the diagnosis and treatment of human disease.</p>	<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. ✓ Proven interest in biomedical research. 	<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 the program.</p>
H. Lee Moffitt Cancer Center & Research	<p>Moffitt's Summer Program for the Advancement of Research Knowledge</p>	<ul style="list-style-type: none"> ✓ Undergraduate student seeking a career in biomedical science. 	<p>Depending on funds availability, interns will receive a taxable stipend to cover personal</p>

Internships in Scientific Research or Medicine for Undergraduate Students

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<p>Institute (Florida)</p>	<p>(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:</p> <ul style="list-style-type: none"> • Molecular Oncology • Immunology • Drug Discovery and Experimental Therapeutics • Integrated Mathematical Oncology • Health Outcomes and Behavior <p>Interns will conduct experiments, participate in weekly lab meetings, write a formal scientific report, and deliver an oral presentation regarding their research project at the conclusion of the program.</p>		<p>expenses. 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>
<p>Harvard School of Public Health (Massachusetts)</p>	<p>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.</p>	<ul style="list-style-type: none"> ✓ U.S. citizen, U.S. national, or permanent resident. ✓ Member of an underrepresented group in graduate research (African American, Hispanic/Latino, American Indian/Alaskan Native, Native Hawaiian, or Pacific Islander) OR a first-generation college student (neither parent nor legal guardian has a bachelor's degree) OR from an economically disadvantaged background (as defined by the U.S. Department of Education). ✓ Academic minimum: 3.0 GPA. ✓ Must have a basic science background and have taken several classes beyond intro level courses. ✓ 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.</p> <p>If you have additional questions, please send an email to Tom Brazda.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

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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 (African American, Hispanic/Latino, American Indian/Alaskan Native, Pacific Islander or Multiracial/Biracial) OR a first-generation college student (neither parent nor legal guardian has a bachelor's degree) OR a low-income student (as defined by the U.S. Department of Education) OR a disabled student (according to the definition of the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973). ✓ Carry health insurance during the 6-week program. ✓ Completion of calculus coursework. ✓ Interest in pursuing graduate studies in biostatistics or epidemiology. 	<p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
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, neuropsychiatric, 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. ✓ Undergraduate students OR students entering a post-baccalaureate program. *Individuals interested in pursuing an MD or are already accepted into a graduate program are ineligible to apply. ✓ Member of an underrepresented group in biomedical research (African American, Hispanic/Latino, American Indian/Alaskan Native, Native Hawaiian, or Pacific Islander) OR has a disability OR 	<p>Students will receive a stipend, travel support, and housing.</p> <p>For more information, visit the program.</p> <p>If you have additional questions, please send an email to Caroline Huntington.</p>

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		<p>from an economically disadvantaged background.</p> <ul style="list-style-type: none"> ✓ Academic minimum: 3.0 GPA. ✓ Must have a quantitative science background or have taken several quantitative classes beyond intro-level courses. ✓ Demonstrate an interest in public health and is interested in pursuing a graduate degree in public health. 	
Harvard School of Public Health (Massachusetts)	<p>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.</p>	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Member of an underrepresented group in graduate research (African American, Hispanic/Latino, American Indian/Alaskan Native, Native Hawaiian, or Pacific Islander) OR a first-generation college student (neither parent nor legal guardian has a bachelor's degree) OR from an economically disadvantaged background OR has a disability. ✓ Academic minimum: 3.0 GPA. ✓ Must have a quantitative science background OR have taken several quantitative classes beyond intro level courses. ✓ Demonstrated interest in public health, specifically epidemiology. *Individuals interested in pursuing an MD AND a public health research degree are eligible to apply. 	<p>Students will receive a stipend, travel support, and housing.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Felisa Nobles.</p>
Harvard School of Public Health (Massachusetts)	<p>The Multidisciplinary International Research Training Program (MIRT) is a national program was developed to encourage underrepresented students to pursue biomedical and behavioral science research careers. Providing support for</p>	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled student at least of junior standing in a full-time 	<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.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	students to conduct research overseas, students will spend 8-12 weeks at a foreign research site.	<p>degree program at the start of the program.</p> <ul style="list-style-type: none"> ✓ Member of an underrepresented group in basic science, biomedical, clinical, or behavioral health research career fields, including but not limited to African Americans, Hispanic Americans, Native Americans/Alaskan Natives, Native Hawaiians, Pacific Islanders, and rural Appalachians. ✓ Strong interest to participate in international health research work. 	If you have additional questions, please send an email to Dr. Lauren Friedman .
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 and to provide exposure to different professional options within the scientific arena.	<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. ✓ U.S. citizen or permanent residents as well as international students (must obtain a J-1 student visa). ✓ 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.</p> <p>If you have additional questions, please send an email to Maureen Herrmann.</p>
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 of freshman, sophomore, or junior standing. ✓ Must be 18 years or older by start of program. ✓ Interested in pursuing a PhD or MD/PhD. ✓ U.S. citizen or permanent resident. ✓ Must have health insurance. 	<p>Students will receive a \$4,500 stipend, housing, and access to the Harvard athletic facilities.</p> <p>For more information, visit the website.</p> <p>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 undergraduate students in summer internships that provide them with invaluable exposure, experience, and mentoring	<ul style="list-style-type: none"> ✓ All students are eligible. Students of color and those from 	<p>A stipend ranging from \$3,000 - \$4,000 is offered.</p> <p>For more information, visit the program.</p>

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	to pursue health careers. The program is a full-time 10-week placement in a host organization and includes workshops on key professional and personal development topics, site visits to diverse health settings, mentoring from the HCC team; connections to top graduate schools, and support from HCC's network.	disadvantaged backgrounds are strongly encouraged to apply.	If you have additional questions, please send an email to the program .
Herman B. Wells Center for Pediatric Research (Indiana)	The goals of the Wells Center are to increase knowledge of the causes and mechanisms of serious pediatric diseases, to develop innovative approaches to diagnosis and treatment of childhood diseases, and to provide an outstanding training environment for medical and graduate students, residents, and fellows. Students will be paired with individual faculty in one of 42 laboratories. Students are encouraged to attend weekly seminars and research-related center meetings each week, as well as other academic events that involve the Wells Center faculty (e.g., combined seminar series, seminars of faculty candidates, Weekly Basic Science Research Forum and Pediatric Faculty Research Seminar Series). Interns are required to make a presentation at the conclusion of the program.	<ul style="list-style-type: none"> ✓ *Currently enrolled undergraduate OR graduate student in a science major. ✓ Must be able to commit to participating in the entire 10-week program. *<i>Note:</i> Must be 18 years of age to apply. 	<p>This is an unpaid internship. Interns 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 send an email to Lynn Pressler or Laura Oxford.</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.	<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 Gail Dennison.</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	<ul style="list-style-type: none"> ✓ High school OR undergraduate student. <i>High school</i> students must: ✓ Have completed their junior year. ✓ Display an aptitude for science and math. ✓ Academic minimum: 3.0 GPA. 	<p>For more information, visit the website.</p> <p>If you have additional questions, please contact the IUPUI Center for Research & Learning at: (317) 274-8880.</p>

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	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.	<p><i>Undergraduate students</i> must:</p> <ul style="list-style-type: none"> ✓ Complete at least 24 hours of college credit. ✓ Major in biomedical or behavioral science. ✓ Academic minimum: 3.2 GPA. 	
Iowa State University (Iowa)	Participants of the George Washington Carver Summer Research Internship Program will engage in an 8-week research experience with an Iowa State University faculty member, in addition to attending weekly professional development and educational activities. A research symposium at the end of the program provides students with an opportunity to showcase their work.	<ul style="list-style-type: none"> ✓ Must be at least 16 years of age. ✓ Graduating seniors are eligible to apply. ✓ Academic minimum: 3.0 GPA. ✓ U.S. citizen or permanent resident. 	<p>Students will receive a \$3,000 stipend, on-campus housing, a meal plan, and roundtrip travel.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Dr. Theresa Cooper.</p>
Janelia Research Campus (Virginia)	<p>The Janelia Undergraduate Scholars program gives undergraduates an opportunity to spend 10 weeks during the summer doing research as an intern in the lab of a mentor at 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. Research topics include:</p> <ul style="list-style-type: none"> • Neuroscience • Instrumentation & Computational Tool Development • Structural Biology & Biochemistry • Evolution & Genetics 	<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.</p> <p>For more information, visit the website. If you have additional questions, please send an email to the program.</p>
The 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,	<ul style="list-style-type: none"> ✓ Various requirements per individual institution. Check the website for specific requirements. 	<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 Catherine Will.</p>

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Internships in Scientific Research or Medicine for Undergraduate Students

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	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.		
Kansas State University (Kansas)	The Summer Undergraduate Opportunity Program (SUOP) 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. 	Students will receive a \$4,500 stipend, in addition to travel support (up to \$300) and residence hall room and board. For more information , visit the website . If you have additional questions, please send an email to the program .
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"> ✓ High school junior or senior OR undergraduate student. <p><i>High school students must:</i></p> <ul style="list-style-type: none"> ✓ Junior or senior standing. ✓ Be 16 years of age or older. ✓ U.S. citizen. <p><i>Undergraduate students must:</i></p> <ul style="list-style-type: none"> ✓ Enrolled in an accredited degree program in a healthcare-related field. 	High school students will receive a \$3,000 stipend. Undergraduate 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 .
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: <ul style="list-style-type: none"> • Vascular Biology 	<ul style="list-style-type: none"> ✓ High school (completion of grade 12) OR currently enrolled, full-time undergraduate student. ✓ Can be employed in the U.S. 	Students will receive a \$4,500 stipend. 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 program .

Internships in Scientific Research or Medicine for Undergraduate Students

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	<ul style="list-style-type: none"> • Stem Cell Biology • Developmental Biology • Neurobiology • Hematology • Nephrology • Tumor Biology • Molecular Genetics 		
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 (African-American, Alaskan-Hawaiian Native, Latino/Hispanic or Native American). 	<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.</p> <p>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 (biochemistry, biophysics, genetics, microbiology, molecular/cell biology, cancer, Immunology, developmental biology, cognitive neuroscience, neurobiology, systems biology, computational biology, genomics). Students will learn a range of skills, both technical and intellectual, that will help them develop into successful independent scientists.	<ul style="list-style-type: none"> ✓ Enrolled full-time undergraduate at a university or four-year college in the U.S. ✓ Be a sophomore or junior who has successfully completed introductory courses in the biological sciences. Seniors in a 5-year program are also eligible. ✓ 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.</p> <p>If you have additional questions, please send an email to the program.</p>

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Mayo Graduate School College of Medicine (Minnesota)	During the Summer Undergraduate Research Fellowship (SURF) , students will work beside both young and established scientists on a broad range of biomedical research questions. About 80 students participate in the program each year.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of sophomore or junior standing attending a U.S. college. ✓ Academic minimum: 3.0 GPA. ✓ Seriously considering a medical research career as a PhD or MD/PhD. ✓ 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. <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. This program is intended for students interested in a PhD in biomedical sciences. Students interested in a dual degree (MD and PhD) are also encouraged to apply.	<ul style="list-style-type: none"> ✓ Academic minimum: 3.2 GPA. ✓ Currently enrolled undergraduate student of sophomore or junior standing. ✓ U.S. citizen or permanent resident (F-1 visa status is acceptable). ✓ Proof of health insurance. 	<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 Caroline)	The Summer Research Program allows students to become directly involved in the process of scientific discovery. 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"> ✓ Highly motivated undergraduate student with a very strong interest in biosciences and biomedical research. ✓ 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. 	<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 to Charleston from a distance of at least 60 miles. 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

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		<ul style="list-style-type: none"> ✓ Academic minimum 3.0 GPA. A cumulative GPA of 3.2 or higher is preferred. 	
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. Preference also given to those 1-2 years away from anticipated MD enrollment – may include recently graduated students or graduate students. ✓ Academic minimum: 3.6 GPA. ✓ Available to work a minimum of 400 hours (up to 40 hours/week) from June to August. ✓ Available to begin first Monday in June. 	<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 such as public health, health education, exercise science, nutrition, and behavioral psychology. 	<p>Students will receive a \$1,500 stipend. For more information, visit the website. If you have additional questions, please send an email to the program.</p>
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. Students will be presented with great	<ul style="list-style-type: none"> ✓ Academic minimum: 3.5 GPA. ✓ Currently enrolled undergraduate students of sophomore or junior standing. 	<p>Students will receive a \$5,000 stipend and access to the benefits of the Mount Sinai Recreation Office. Students receive free housing but are responsible for meals and transportation. <i>*Note:</i> Housing is available in one of Mount Sinai's residential buildings.</p>

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	networking opportunities among other students, faculty members, and school administration.	<ul style="list-style-type: none"> ✓ Research experience: 3 months minimum. ✓ Motivated towards research and inclined towards graduate education in biomedical sciences in a PhD Program or MD/PhD (MSTP). 	<p>For more information, visit the website.</p> <p>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.</p> <p>If you have additional questions, please send an email to Dakota Pyle.</p>
National Heart, Lung and Blood Institute (Georgia)	The Summer in Institute for Training in Biostatistics Program at the Emory University Rollins School of Public Health offers a 6-week program in which students explore the fields of biostatistics, statistics, and public health. Interns participate in a 2-credit graduate-level introductory biostatistics course in addition to attending lectures/seminars and visiting local public health institutions.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student OR college graduate considering graduate school OR beginning graduate student. ✓ Majoring in mathematics, science, or other quantitatively oriented areas of study. ✓ U.S. citizen or permanent resident. 	<p>Participants will receive on-campus housing and some meals. The SIBS program also covers the cost of University fees and tuition.</p> <p>For more information, visit the website.</p> <p>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 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 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 	<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>

Biomedical Research Internships

Prepared by: Jennifer Anderson, Jordan Cañas Ramsey, Marilyn Drennan, Noah Espinoza, and Stephanie Louie

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Internships in Scientific Research or Medicine for Undergraduate Students

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		<p>biostatistics are encouraged to apply.</p> <ul style="list-style-type: none"> ✓ Those majoring in mathematical or biological sciences are best suited for program. 	
National Heart, Lung and Blood Institute (Massachusetts)	<p>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.</p>	<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 (Minnesota)	<p>The University of Minnesota School of Public Health's Summer Institute in Biostatistics (MN-SIBS) is a 6-week immersive opportunity for undergraduates to gain a foundation in biostatistics and public health. In addition to receiving 4-semester credits by participating in the course, interns will be taught by core faculty in statistical methods and computing. Participants will also attend field trips to organizations such as the Mayo Clinic to view other areas that employ biostatisticians.</p>	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student with an interest in scientific research. Priority is given to rising juniors and seniors. ✓ Must have completed at least one semester of calculus. ✓ Members of traditionally underrepresented minority groups, disadvantaged, and/or students with disabilities are encouraged to apply. ✓ U.S. citizen or permanent resident. 	<p>Students will receive travel support (up to \$800), 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 Megan Schlick.</p>
National Heart, Lung and Blood Institute (North Carolina)	<p>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.</p>	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student, including seniors graduating in Spring before start of program. First-year graduate students are also 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. If you have additional questions, please send an email to the program.</p>

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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.</p> <p>If you have additional questions, please send an email to Jose Sanchez.</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.</p> <p>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 <i>*Students enrolled in dual programs with four-year institutions or high school accelerated programs are ineligible for the CCSEP.</i> ✓ At least 16 years old by June 15 ✓ Academic minimum: 3.0 GPA. 	<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.</p> <p>If you additional questions, please send an email to the program.</p>

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		<ul style="list-style-type: none"> ✓ Students without previous research experience are encouraged to apply. ✓ Non-traditional, career changers with a non-science undergraduate degree may apply. Those with a science-related undergraduate degree will be considered on an individual basis. 	
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 16 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.</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"> ✓ 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.</p> <p>If you have additional questions, please send an email to the program.</p>
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.	<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. ✓ Must have insurance by the time of acceptance into the program. ✓ Member of an underrepresented group in biomedical sciences (as shown by the National Science Foundation) OR have been diagnosed with a disability that 	<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. 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.</p>

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	Students will present their summer research to peers, mentors, and scientific experts.	substantially limits one or more major life activities 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.	If you have additional questions, please send an email to Dr. Rob Rivers .
National Science Foundation: Research Experience for Undergraduates (REU) (Multiple locations)	Keyword Search: Biological Sciences. 142 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. 	All REU sites provide a stipend, housing, and meals. For more information , visit the website .
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. These internship opportunities are held over four campuses located at:</p> <ul style="list-style-type: none"> • Greenbelt, Maryland • Wallops Flight Facility, Wallops Island, Virginia • Goddard Institute For Space Studies, New York • 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. 	* <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 .
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	<ul style="list-style-type: none"> ✓ U.S. citizens and permanent residents. ✓ Currently enrolled undergraduate students who have completed their sophomore or junior year. ✓ Completion of at least 1 full semester of bench laboratory research. 	Students will receive a \$3,500 stipend, housing, and roundtrip travel accommodations. For more information , visit the website . If you have additional questions, please send an email to Amanda Tufekcier .

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	other fields. At the end of the summer, you have the opportunity to present your research at the Leadership Alliance National Symposium (LANS).	<ul style="list-style-type: none"> ✓ Interest in biomedical research career. 	
Northeastern University (Massachusetts)	The Department of Biology at Northeastern University has a research opportunity for undergraduates who are interested in gaining research lab experience and considering graduate programs in the sciences. Interns will participate in a research project with a faculty mentor and present their findings at the end of the program. Other activities include attending research seminars, learning about how to apply to graduate programs, and exploring the Boston area.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student of freshman, sophomore, or junior standing, majoring in chemistry, biochemistry, or related disciplines. ✓ Minorities and women are encouraged to apply. 	<p>Students will receive a \$5,000 stipend and 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. ✓ Traditionally underrepresented groups (e.g. certain racial and ethnic minorities, women in STEM, and first-generation college students) are encouraged to apply. 	<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>
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>

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Rockefeller University (New York)	<p>Students in the Summer Undergraduate Research Fellowship (SURF) work with leading scientists in a broad range of areas, including:</p> <ul style="list-style-type: none"> Biochemistry Structural biology and chemistry Molecular, cell, and developmental biology Immunology Virology and microbiology <p>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.</p>	<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 \$5,000 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)	<p>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.</p>	<ul style="list-style-type: none"> ✓ Undergraduate student of junior standing. ✓ 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 \$25 per night.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please email the program.</p>
Rutgers University (New Jersey)	<p>RISE at Rutgers is a nationally acclaimed summer research program for outstanding undergraduates from diverse backgrounds. Scholars participate in 10 weeks of cutting-edge research in the biological, physical, and social/behavioral sciences, math, engineering, and exciting interdisciplinary areas under the guidance of carefully matched faculty mentors.</p>	<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 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
Scripps Research Institute (Multiple Locations)	The Scripps Research Institute offers a 10-week summer research 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 on-campus 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>
Stowers Institute (Missouri)	The Stowers Summer Scholars Program provides a 8-week 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"> ✓ Currently enrolled undergraduate student that has completed one year of undergraduate studies. Graduating seniors can also apply. ✓ Academic minimum: 3.2 GPA. ✓ Majoring in biology, biochemistry, molecular biology, genetics, chemistry, physics, computing, engineering, mathematics, or a related field. ✓ Must be at least 18 years of age. ✓ Previous scholars are eligible to apply. 	<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.</p> <p>If you have additional questions, please send an email to Ana Pedraza.</p>
St. Jude Children's Research Hospital (Tennessee)	<p>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.</p> <p>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 undergraduate student of at least sophomore standing OR graduate student preparing for a career in medicine or biomedical sciences. ✓ Prior research experience. 	<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.</p> <p>If you have additional questions, please send an email to Dr. Suzanne Gronemeyer.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
		<ul style="list-style-type: none"> ✓ Students with an interest in cancer research are particularly encouraged to apply. 	
Substance Abuse and Mental Health Services Administration's (SAMHSA) Center for Substance Abuse Prevention (location varies)	The Prevention Internship Program , invites qualified individuals, with strong interest in behavioral health and the prevention of substance misuse and substance use disorders, for a 10-week paid internship program in participating Tribal Organizations throughout the United States. The Prevention Internship Program prepares interns to provide capacity-building Technical Assistance (TA) to support integration of behavioral health services within tribal organization systems. Interns will benefit from hands-on experience and trainings in competency areas such as prevention in behavioral health, the Strategic Prevention Framework, cultural responsiveness, and data collection and evaluation. Interns will also learn new techniques, master best practices in the field, and apply knowledge gained from their professional and cultural experiences.	<ul style="list-style-type: none"> ✓ U.S. citizen U.S. Territories and Pacific Jurisdictions residency. ✓ At least two (2) years of study (or 60 credit hours) from an accredited academic institution, with an emphasis in public health, behavioral health, clinical or social science areas. 	<p>Students will receive a stipend.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Summer Systematics Institute (California)	The California Academy of Sciences offers this 8-week paid research internship to undergraduates. Participants will conduct research with their chosen adviser on a project relating to the discipline of the adviser and student. Participants also receive instruction while taking part in a museum-based curriculum that includes tours, lectures, and lab exercises on phylogenetic systematics, molecular techniques, biodiversity, evolutionary biology, global change, and other contemporary issues in the natural sciences.	<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 \$4,200 stipend. In addition, students will receive a \$2,500 subsistence allowance for housing and food. Most travel costs (up to \$450) will be reimbursed.</p> <p>For more information, visit the website.</p> <p>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 designed to expose undergraduate students to biomedical research. During the 10-week program, students will receive faculty guidance while formulating an independent research proposal,	<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. 	<p>Students will receive a \$3,500 stipend, as well as housing.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>

Biomedical Research Internships

Prepared by: Jennifer Anderson, Jordan Cañas Ramsey, Marilyn Drennan, Noah Espinoza, and Stephanie Louie

This catalog is supported in parts by NCI grants: 3 P30 CA015704-42S4, 5 U54 CA132381 (Fred Hutch), and 5 U54 CA132383 (NMSU).

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	conduct research under the supervision of a faculty mentor, and write a research paper.	<ul style="list-style-type: none"> ✓ Strong interest in pursuing a PhD in biomedical investigative research. 	
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 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 legal 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.</p> <p>If you have additional questions, please send an email to the program.</p>
University of Alabama at Birmingham (Alabama)	The Summer in Biomedical Sciences (SIBS) Undergraduate Research Program at the University of Alabama at Birmingham (UAB) provides an opportunity for fifteen (15) sophomore or junior level college undergraduates to be instructed in techniques of modern biology while becoming integrated members of a vibrant clinical and scientific community. During the 8-week summer program students will work with UAB faculty members on mentored research projects. SIBS is intended for students with a desire to pursue careers in the biomedical sciences.	<ul style="list-style-type: none"> ✓ U.S. citizen or legal permanent resident. ✓ Sophomore or junior level college undergraduate. ✓ Academic minimum: 3.0 GPA. 	<p>Students will receive a \$2,500 stipend as well as on campus housing. Students will be responsible for 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 Arizona (Arizona)	<p>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:</p> <ul style="list-style-type: none"> • 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; 	<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 \$4,000 stipend.</p> <p>For more information, visit the website.</p> <p>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
	<ul style="list-style-type: none"> 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. 		
University of California, Berkeley (California)	The Summer Research Experience for Undergraduates is a faculty-mentored research program for undergraduates interested in integrative, molecular, cellular, and microbial biology. The program goal is to encourage and prepare participants to pursue MD/PhD degrees and research careers in these fields.	<ul style="list-style-type: none"> ✓ Must be a U.S. citizen or permanent resident. ✓ Enrolled full-time at a four-year college or university. Rising juniors will be given preference. ✓ Must have completed at least one course in biology and chemistry before applying. ✓ Highly motivated interest in biological research. ✓ Previous research experience not required. 	<p>Students will receive a \$5,200 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>
University of California, Davis (California)	The Hugh Edmondson Summer Research Internship Program offers a 9-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 Sharon Wahl.</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	<ul style="list-style-type: none"> ✓ Currently enrolled full-time undergraduate student of sophomore, junior or senior standing. ✓ Academic minimum: 3.0 GPA 	<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.</p>

Biomedical Research Internships

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Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	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"> ✓ U.S. citizen or permanent resident. ✓ Interested in attending UC Irvine for graduate studies. ✓ Member from educationally disadvantaged or underserved backgrounds are encouraged to apply. 	If you have additional questions, please send an email to Daniel Fabrega .
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. <p>OR</p> <ul style="list-style-type: none"> ✓ 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 \$3,200 stipend, on-campus housing, and roundtrip travel allowance (up to \$500). Students are responsible 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>
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. Projects range from basic science to clinical research.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of rising junior or senior standing. ✓ Must have participated in basic science or clinical research programs, experiences or coursework. ✓ 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.</p> <p>If you have additional questions, please send an email to Walter Parrish.</p>
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	<ul style="list-style-type: none"> ✓ Female. ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student. 	<p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Heather Norton.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	University of Cincinnati faculty mentor. At the conclusion of the program, students will participate in a professional research conference.		
University of Cincinnati College of Medicine (Ohio)	The ROSE (Research, Observation, Service, and Education) program is for pre-medical college students to have the opportunity to meet with University of Cincinnati College of Medicine faculty. For 8-10 weeks, students admitted into the program will be matched with a faculty member with a shared clinical, translational, or bench research interest to conduct a research project. These students will also have early acceptance to the UC College of Medicine, contingent on meeting academic and MCAT requirements as undergraduates after entering the ROSE program.	<ul style="list-style-type: none"> ✓ Resident of Ohio, or live in certain Indiana or Kentucky counties that receive Ohio reciprocity. ✓ Currently enrolled undergraduate students of sophomore or junior standing. ✓ Completed one year of biology and general chemistry with lab components, in addition to at least one term of organic chemistry lecture with lab. 	<p>For more information, please visit the website.</p> <p>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 (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:</i> UC Housing has extended special pricing for all SURF students who wish to live in UC Housing.</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 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 may be paired with faculty that work in areas such as: <ul style="list-style-type: none"> • Neurological/psychiatric disorders • Addiction • Neurotoxicity. <p>Students will conduct an independent research project that will be presented at a poster session at the end of the program.</p>	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of sophomore or junior standing. ✓ Have completed at least general biology or general chemistry and/or physics, some mathematics and/or statistical courses. ✓ Academic minimum: 3.0 GPA. 	<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 Ana Madani.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
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"> ✓ 18 years of age or older. ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate students of at least sophomore standing. ✓ Member of a group traditionally underrepresented in the sciences according to federal guidelines OR be a first-generation college student who is economically disadvantaged. ✓ Have completed at least 60 semester credit hours by June of the application year. ✓ Not earn a BA/BS before December of the year you participate. 	<p>Students will receive a \$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.</p> <p>If you have additional questions, please send an email to the program.</p>
University of Colorado, Denver (Colorado)	<p>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:</p> <ul style="list-style-type: none"> • Biochemistry and molecular genetics • Cancer biology • Cell and developmental biology • 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. ✓ Selection based on academic achievement, biomedical science research career interest, and inclusion in an underrepresented group or category (i.e. first generation college attendee, socioeconomically disadvantaged, ethnic identity such as African American, Hispanic, American Indian, Alaska Native, or Southeast Asian, Pacific Islander). 	<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.</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 Connecticut (Connecticut)	The University of Connecticut Health Center invites applications for a limited number of summer research internships from highly qualified and motivated undergraduate students with an interest in obtaining a PhD in the biological and biomedical sciences. Students will have the opportunity to participate in research activities of a laboratory.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student at least of sophomore standing by the start of the program. ✓ Completed some college coursework in biology and chemistry. ✓ 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. 	<p>Participants will receive a \$3,500 stipend. Students are responsible for travel, 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>
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. 	<p>Students will receive a \$4,500 stipend to cover room, board, travel, and other expenses incurred during 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>
University of Illinois at Urbana-Champaign (Illinois)	The University of Illinois at Urbana-Champaign offers a cross-discipline summer research program that provides undergraduate students from populations underrepresented in graduate study at Illinois with an opportunity to explore careers in research. The program provides each student with an experience that will help strengthen his/her knowledge, skills, and understanding of graduate school. The Summer Research Opportunities Program enables interns to establish relationships with faculty in their respective field of study, conduct graduate-level research under the supervision of a University of Illinois faculty member,	<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 2018). ✓ Academic minimum: 3.0 GPA. 	<p>Students will receive a \$3,500 stipend, as well as room and board and travel expenses to and from the campus (for non-UI students).</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
	become acquainted with the culture of graduate school, and to learn what is needed and expected of them as graduate students.		
University of Iowa (Iowa)	The Biomedical Summer Undergraduate Research Fellowship 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"> ✓ Currently enrolled undergraduate student having completed at least two years of college in a biological science or related major and will be returning for at least one year of undergraduate study before graduation. ✓ Interested in pursuing graduate school and a biological research career. ✓ Students with limited access to research opportunities at their home institution and disabled, minority, or disadvantaged students are especially encouraged to apply. 	<p>Students will receive a \$3,7520 stipend, on-campus housing and up to \$500 for travel to and from Iowa City.</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 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. A co-curriculum exposes students to the breadth of Microbiology, helps them prepare for graduate school, and makes them aware of career opportunities.	<ul style="list-style-type: none"> ✓ 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. ✓ Have limited access to research opportunities at their home institution. 	<p>Students will receive a \$5,500 stipend plus \$600 for incidental expenses. Housing and travel costs are paid by 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>
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. ✓ Anticipate graduating in biological or physical sciences in the academic year following participation in the SUMR program. ✓ Will not graduate from college before December 2017. ✓ 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.</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 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.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student of freshman, sophomore or junior standing. ✓ Majoring in biochemistry, chemistry, biology, or a related subject. ✓ 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.</p> <p>If you have additional questions, please send an email to Dr. Trevor Creamer.</p>
University of Maryland (Maryland)	<p>The Greenebaum Cancer Center offers the Nathan Schnaper Intern Program in Translational Cancer Research (NSIP), an 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:</p> <ul style="list-style-type: none"> • Cancer drug resistance • Signal transduction • Programmed cell death • Molecular pharmacology • Angiogenesis and carcinogenesis <p>Students will write and present a synopsis of their work at the conclusion of the program.</p>	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student interested in cancer research. ✓ Strong academic background in the arts and sciences. ✓ Academic minimum: 3.0 GPA. ✓ U.S. citizen or permanent resident. ✓ Underrepresented minorities are encouraged to apply. 	<p>Students will receive a \$4,000 stipend and a travel allowance (up to \$500).</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
University of Maryland, Baltimore County (Maryland)	The Summer Biomedical Training Program at the University of Maryland, Baltimore County (UMBC) provides biomedical research experiences for undergraduates, particularly those underrepresented in the biomedical or behavioral sciences areas who are interested in receiving a Ph.D. or MD/Ph.D. This 10-week program offers a cross-disciplinary research experience in the seven participating	<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.</p> <p>If you have additional questions, please send an email to Justine Johnson.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	biomedical, behavioral and engineering sciences departments.		
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. 	For more information , visit the website .
University of Medicine and Dentistry School of New Jersey/ Rutgers University (New Jersey)	The University of Medicine and Dentistry School of New Jersey and Rutgers University have combined efforts to create a Summer Undergraduate Research Program in Molecular and Developmental Neurobiology . The goal is to increase student knowledge and appreciation of basic Neuroscience research by providing a closely-mentored, hands-on graduate level research experience. In addition, increase interest in pursuing careers in research through career development and educational activities.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student of at least sophomore standing. ✓ Good academic standing including courses in biology. ✓ Interest in pursuing a science or education career. ✓ Special consideration will be given to minority groups that are underrepresented in the sciences, first-generation college students, or students who attend schools with limited research opportunities. 	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 	<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 .

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Minnesota (Minnesota)	The University of Minnesota Life Sciences Summer Undergraduate Research Program (LSSURP) oversees and coordinates several life science programs. The programs begin with a joint orientation weekend, followed by participation in a 10-week research project under the direction of a University of Minnesota faculty mentor and numerous special activities focused on professional development as well as social interaction. The summer research experience concludes with a poster symposium and banquet.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently attending a 2- or 4-year institution on a full-time basis. ✓ Interested in the life sciences. 	<p>Student will receive a \$4,000 stipend as well as travel (airfare only) compensation, on campus housing, and meal provisions.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Evelyn Juliussen.</p>
University of Nebraska (Nebraska)	The University of Nebraska Medical Center hosts the Summer Undergraduate Research Program (SURP) program to expose students to various research careers. Over the course of 10 weeks, students will gain hands-on experience in cancer research labs, interact with research faculty, attend weekly seminars, and present their research at a poster session.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student of freshman, sophomore, junior standing or December graduate. ✓ Completion of science courses beyond general biology or chemistry (e.g. organic chemistry, microbiology, genetics, biochemistry, statistics, etc.). ✓ Member of traditionally underrepresented racial or ethnic group OR first generation in family to attend college OR has financial needs. ✓ Academic minimum: 3.4 GPA. 	<p>Students will receive a stipend (amount varies based on department you are placed in). Interns are responsible for housing, meals, and transportation. <i>*Note: Nearby housing is available.</i></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 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. ✓ 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 Dr. Jessica Harrell.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Notre Dame (Indiana)	Students who participate in the Research Experience for Undergraduates (REU) will develop a research proposal, attend weekly seminars, a journal club, and workshops on integrative research, ethics, problem solving, and scientific writing.	<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><i>*Note:</i> Women, students belonging to groups traditionally underrepresented in the sciences, disabled students, and those attending small colleges with limited research facilities are encouraged to apply.</p>	<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. If you have additional questions, please send an email to Dr. Michelle Whaley.</p>
University of Oregon (Oregon)	<p>The R25 Summer Research Program provides a research opportunity for students to participate in ongoing National Institute of Child Health and Human Development (NICHD). 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:</p> <ul style="list-style-type: none"> • 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)	<p>The REU Site Program in Molecular Biosciences 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. Research areas include, but are not limited to:</p> <ul style="list-style-type: none"> • Molecular evolution 	<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 	<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>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	<ul style="list-style-type: none"> Biochemistry Molecular neurobiology Microbiology 	research opportunities are strongly encouraged to apply.	
University of Oregon (Oregon)	<p>The University of Oregon (UO) Summer Program for Undergraduate Research (SPUR) offers summer fellowship opportunities for undergraduates from other universities and colleges to participate in ongoing research in UO Life Sciences laboratories at UO. Key features of this rigorous program include: a research project mentored by experienced investigators; faculty seminar series; research group discussions, professional development workshops, recreational, cultural, and social activities, formal presentation at Undergraduate Research Symposium, and assistance with preparation for research presentations at a national meeting.</p>	<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.</p> <p>If you have additional questions, please send an email to the program.</p>
University of Pennsylvania (Pennsylvania)	<p>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.</p> <p>Areas of research include:</p> <ul style="list-style-type: none"> Biochemistry and Molecular Biophysics Cell and Molecular Biology Control of Gene Expression Cell Signaling Cell Growth and Cancer Gene Therapy Developmental Biology Genetics, Genomics and Computational 	<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 \$4,800 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>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	<p>Biology</p> <ul style="list-style-type: none"> Immunology 		
University of Pennsylvania (Pennsylvania)	<p>The Undergraduate Student Scholars Program at the University of Pennsylvania is an organized program of lectures and presentations combined with basic research experience. The curriculum is designed for undergraduate students with an interest in biomedical research, with the eventual goal of MD, PhD, or MD-PhD degrees. Students attend seminars on introductory topics in biomedical research and at the end of the course all participants present their research in a seminar.</p>	<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. If you have additional questions, please send an email to the program.</p>
University of Pittsburgh (Pennsylvania)	<p>The Center for Neuroscience at University of Pittsburgh (CNUP) offers a 10-week program for undergraduate 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:</p> <ul style="list-style-type: none"> Neuroanatomy and neurophysiology Brain imaging & Computer simulations Neuropsychology or behavioral assessment 	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student that is of sophomore or junior standing. ✓ Academic minimum: 3.0 GPA. 	<p>Students will receive a \$3,500 stipend, housing, and transportation tickets to ride the Port Authority public transportation buses. Students are responsible for own meals and roundtrip travel to Pittsburg.</p> <p>For more information, visit the program. If you have additional questions, please send an email to Dr. Jon Johnson.</p>
University of Pittsburgh (Pennsylvania)	<p>The Summer Premedical Academic Enrichment Program (SPAEP) is summer program 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.</p>	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student of sophomore or junior standing. ✓ Must be at least 19 years of age by start of program. ✓ U.S. citizen or permanent resident. ✓ Must submit proof of health insurance and provide updated health record information. ✓ Please check program level websites for other eligibility criteria. 	<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>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
University of Pittsburgh (Pennsylvania)	<p>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:</p> <ul style="list-style-type: none"> • Cellular and molecular pathology • Molecular genetics and developmental biology • Molecular pharmacology • Molecular virology and microbiology 	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student, preferably of sophomore or junior standing. ✓ Interest in biomedical research. ✓ 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 may be available.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Carol Williams.</p>
University of Pittsburgh (Pennsylvania)	<p>The Training and Experimentation in Computational Biology (TECBio) REU is a summer program 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.</p>	<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 \$5,500 stipend, housing, roundtrip travel support (up to \$500), and access to network and computing facilities.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Kelly Gentile.</p>
University of Rochester (New York)	<p>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 centerpiece 10-week, hands-on, independent research project under the supervision of a faculty mentor, with guidance from graduate</p>	<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: Women and students from underrepresented ethnic/racial groups are encouraged to apply.</i></p>	<p>Students will receive a \$450 weekly stipend in addition to on-campus housing.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Ben Lovell.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	students and postdoctoral appointees, and oversight from the Program Director.		
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. This program is aimed at highly motivated students who are interested in a research career (i.e., future Ph.D. or M.D./Ph.D.). The program provides an interactive and fulfilling laboratory-based research experience with prestigious mentors at MD Anderson Cancer Center. Students will be given hands-on research training in cutting-edge labs, where they will interact daily with faculty, postdoctoral fellows and graduate students. 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 ten-week program.	<ul style="list-style-type: none"> ✓ U.S. citizen or F1 international student. ✓ 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 costs.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Kari Brewer Savannah.</p>
University of Texas MD Anderson Cancer Center (Texas)	The Summer Undergraduate Research Program (SURP) is a 10-week research program 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 the following activities: <ul style="list-style-type: none"> • Weekly lecture series that covers basic, translational and clinical research as it relates to cancer. • Weekly Career Conversations with faculty in different fields of expertise • Elevator speech workshop and competition poster presentation 	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. International students are eligible to apply. ✓ 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.</p> <p>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	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. 	<p>Participants will receive a \$6,000 stipend. Staff can assist with housing arrangements upon</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	experience for talented undergraduate students interested in cancer biology and clinical oncology. During the 10-week program, students participate in hypothesis-driven, project-based 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"> ✓ 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>request. Students are responsible for their daily transportation to and from campus.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Chris Contreras.</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 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. Through these activities, students will learn about current and innovative topics in cancer prevention at seminars, explore the possibility of a career in science, and get to know other MD Anderson summer students with similar interests. At the program's conclusion, students will present their findings at the trainee exposition.	<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 up to \$15/hour. Interns are responsible for coordinating their own travel and housing arrangements.</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>
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	<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. 	<p>Students will receive a stipend, housing, and roundtrip travel from 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 or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	<p>translational research alongside world-renowned faculty, as well as to attend targeted institutional lectures and seminars. Some of the program benefits include:</p> <ul style="list-style-type: none"> • Active participation in the technical aspects of projects, interpret experimental data, as well as present findings; • Mentorship in the fundamentals of scientific research, which include application of techniques, experimental design and analysis, as well as how to present and publish findings suitable for peer review; • Introduction to the clinical problems presented by cancer patients through time spent in clinical areas; and • Numerous opportunities to attend seminars and lecture series on a wide variety of research topics. <p>Return visits are offered to trainees demonstrating a sincere interest in biomedical research and an outstanding research ability during their visit.</p>	<p>✓ Prior research experience is highly recommended.</p>	
University of Texas Medical School at Houston (Texas)	<p>The UT Houston Summer Research Program provides undergraduate students and first-year medical students enrolled at UT Houston Medical School with hands-on research experience supervised by faculty members from the medical school. The program includes workshops that supplement the research experience, including weekly seminars, certification courses in animal science, laboratory safety and radiation, an enrichment series, and tours of selected facilities and labs.</p>	<p>✓ 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.</p>	<p>Students will receive a \$3,000 stipend. Minimal on-campus housing is available at a discounted rate.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Linh Trinh.</p>
University of Texas Southwestern (Texas)	<p>The Quantitative and Physical Sciences Summer Undergraduate Research Fellowship (QP-SURF) is a research training</p>	<p>✓ Currently enrolled undergraduate student of at least sophomore standing, majoring in a physics,</p>	<p>Students will receive a \$4,000 stipend. If a fellow requires housing, that cost will be</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	<p>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:</p> <ul style="list-style-type: none"> • Biomedical Engineering • Biophysics • Computational Biology • Organic Chemistry • Systems Biology 	<p>computer science, mathematics, biomedical engineering, or chemistry program.</p> <p>✓ U.S. citizen or permanent resident or have an F1 visa.</p> <p>*Note: Selection criteria includes: grades, relevant experience, letters of recommendation, and career goals in pursuing a PhD or MD/PhD.</p>	<p>covered by the program. Fellows are responsible for their own 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 Southwestern (Texas)	<p>The Summer Undergraduate Research Fellowship (SURF) program is designed for undergraduate students who are preparing for a career in biological research. Fellows will pursue individual research projects in the laboratories of UT faculty and present their research at the conclusion of the program. Areas of research including, but are not limited to:</p> <ul style="list-style-type: none"> • Cell Biology • Chemistry • Microbiology • Pharmacology 	<p>✓ Currently enrolled undergraduate student of at least sophomore standing in a science degree program.</p> <p>✓ U.S. citizen or permanent resident.</p> <p>*Note: 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.</p> <p>If you have additional questions, please send an email to the program.</p>
University of Texas Southwestern (Texas)	<p>The Summer Undergraduate Research Institution for the Study of Kidney Disease (SURISKD) is a 10-week research opportunity for students interested in careers in biomedical research with an emphasis on kidney-related research. Fellows will work and conduct a research project alongside UT faculty in addition to presenting their project at the end of the program. Research areas include:</p> <ul style="list-style-type: none"> • Embryonic development • Physiology 	<p>✓ Currently enrolled undergraduate student of at least sophomore standing in a science degree program.</p> <p>✓ U.S. citizen.</p> <p>*Note: 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.</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
	<ul style="list-style-type: none"> • Kidney Disease and Cancer • Imaging 		
University of Utah (Utah)	The Summer Program for Undergraduate Research 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.	<ul style="list-style-type: none"> ✓ Currently enrolled degree-seeking undergraduate in the Fall semester (and not graduating before December) ✓ Eligible to work in the United States ✓ At least 18 years old by May 	<p>Students will receive a \$4,000 stipend for 10 weeks of full-time research. 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 Office of Undergraduate Research.</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 	<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>
University of Wisconsin-Madison (Wisconsin)	<p>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:</p> <ul style="list-style-type: none"> • Biochemistry/Biophysics • Bioenergy • Cellular and Molecular Biology • Computational Biology and Biostatistics • Ecology, Plants, and Environmental Systems 	<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><i>*Note: Women, minority students, disabled students, from low-income homes, first in family to attend college, and those attending small colleges with limited research</i></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.</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
	<ul style="list-style-type: none"> • Neurobiology • Virology <p>In addition, students will prepare research proposals, final papers, and a verbal presentation summarizing their work.</p>	<p>facilities are strongly encouraged to apply.</p>	
University of Virginia (Virginia)	<p>The University of Virginia School of Medicine offers the Summer Research Internship Program (SRIP) summer research internship opportunities to qualified college undergraduates considering a career in biomedical research. The program targets, but is not limited to, racially and ethnically diverse students in their junior and senior years. The program's goals are to expose undergraduates to laboratory research and to familiarize them with the opportunities that exist for careers in biomedical research. Presentations and panel talks from our graduate students, along with free GRE tutorials, help Summer Research Internship Program (SRIP) interns successfully navigate the graduate school application process.</p>	<ul style="list-style-type: none"> ✓ Currently enrolled junior or senior undergraduate. ✓ U.S. citizen or permanent resident. ✓ Proof of health insurance. 	<p>Students will receive a stipend, travel compensation, as well as on campus housing. For more information, visit the website. If you have additional questions, please send an email to the program.</p>
USA Jobs (Multiple locations)	<p>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.</p>	<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>
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 	<ul style="list-style-type: none"> ✓ The eligibility criteria varies per program. Please visit each program's website. 	<p>For more information, visit the main website and each program's website. If you have additional questions, please send an email to Vanderbilt Summer Science Academy staff.</p>

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	<ul style="list-style-type: none"> Vanderbilt Summer Research Internship Program in Biomedical Informatics 		
Virginia Commonwealth University (Virginia)	<p>The Summer Academic Enrichment Program is a 6-week program designed to enhance the academic preparation of students actively pursuing enrollment in a health professions school. Students will choose from four tracks:</p> <ul style="list-style-type: none"> Dentistry Medicine Pharmacy Physical Therapy <p>Each track includes foundational courses, learning workshops, health disparities seminars, mock interviews, and networking events.</p>	<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>*Note: Educational, social, or economically disadvantaged students are preferred.</p>	<p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Washington University in St. Louis (Missouri)	<p>The Division of Biology and Biomedical Sciences (DBBS) at WUSL offers 3 summer research programs for undergraduate students. The three programs include the Amgen Scholars Program, Biomedical Research Apprenticeship Program (BioMedRAP), and the BP-ENDURE: St. Louis Neuroscience Pipeline Program. All of these programs are designed to prepare undergraduate students for admission and the rigor of top tier PhD and MD/PhD programs.</p>	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate student. ✓ U.S. citizen or permanent resident. ✓ Previous research experience is encouraged. 	<p>Students receive a stipend, free housing, and free travel to and from St. Louis.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program.</p>
Weill Cornell Graduate School of Medical Sciences (New York)	<p>The ACCESS Summer Research Program at Weill Cornell Graduate School of Medical Sciences (WCGS) is designed to train underserved college students in the biomedical sciences. Students will perform hands-on research in a biomedical research laboratory under the guidance of a faculty member. In addition to gaining laboratory experience, students will attend lectures aimed at enhancing their understanding of the current status of biomedical research, the pathways available for entering research careers, and the range of available career opportunities. Students will also</p>	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Currently enrolled undergraduate student who has completed at least two semesters and have one semester remaining of undergraduate education by start of the summer program. ✓ Academic minimum: 3.0 GPA. <p>*Note: Students from groups traditionally underrepresented in research careers in the sciences, social sciences, and humanities,</p>	<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.</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
	participate in weekly journal clubs, attend career development workshops, and take part in social activities.	individuals with disabilities, disadvantaged backgrounds are particularly encouraged to apply.	
Weill Cornell Medical College (New York)	The Gateways to The Laboratory Summer Program is a 10-week program designed to provide students a preview of physician-scientist life. Students will conduct an individual research project at Weill Cornell Medical College, Rockefeller University, or Memorial Sloan-Kettering Cancer Center, 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, who is a member of underrepresented minority or disadvantaged backgrounds. ✓ U.S. citizen or permanent resident. ✓ Academic minimum: 3.0 GPA. ✓ Strong desire to pursue an MD/PhD degree. ✓ Prior research experience preferred, but not required. ✓ Completion of a college-level calculus course is strongly encouraged. 	Students will receive a \$4,300 stipend and travel reimbursement. Additionally, one family member is flown to New York to attend final presentations and are accommodated at a high-end hotel in the city. For more information , visit the website . If you have additional questions, please send an email to the program .
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"> ✓ Currently enrolled undergraduate premedical declared student of at least junior standing. ✓ Completion of biology, general chemistry, organic chemistry, and physics courses preferred. ✓ Academic minimum: At least 'B average' GPA. ✓ Demonstrated commitment to working on issues with underserved populations within the USA. ✓ Must be from one or more of the following groups underrepresented in medicine: individuals from racial/ethnic groups underrepresented in biomedical research (African Americans, Latinos, American Indians or Alaska Natives, Native Hawaiians, Pacific 	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. For more information , visit the website . If you have additional questions, please send an email to Elizabeth Wilson-Anstey .

Internships in Scientific Research or Medicine for Undergraduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
		Islanders), OR individuals from socioeconomically disadvantaged backgrounds, OR individuals with disabilities. ✓ U.S. citizen or permanent resident.	

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Association of Public Health Laboratories (Multiple locations)	<p>The Emerging Infectious Diseases (EID) Laboratory Fellowship Program is a one-year program designed for bachelor's or master's level scientists, with emphasis on the practical application of technologies, methodologies, and practices related to emerging infectious diseases.</p> <p>Areas of training and/or research include:</p> <ul style="list-style-type: none"> • Development and evaluation of diagnostic techniques • Antimicrobial sensitivity and resistance • Principles and practices of vector or animal control • Emerging pathogens • Laboratory-epidemiology interaction 	✓ Completion of undergraduate degree by the start of the program.	Compensation for bachelor's level participants is \$32,722 per year. Compensation for Master's level participants is \$36,475 per year. For more information , visit the website . If you have additional questions, please send an email to the program .

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Center for Disease Control and Prevention (Multiple locations)	<p>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.</p> <p>Throughout the program associates gain hands-on experience working alongside professionals across a variety of public health settings such as:</p> <ul style="list-style-type: none"> • Chronic disease prevention and health promotion • Environmental health • Global migration and quarantine • Immunization • Injury and violence prevention • Maternal and child health • Public health preparedness • Prevention of STD, TB, HIV, and other communicable diseases 	<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 complete a four-year course of study leading to a bachelor's degree by July 1 of the year the candidate anticipates starting in PHAP OR possess a master's degree from an accredited academic institution ✓ U.S. citizen, permanent resident or US nationals ✓ Must be willing to commit to full-time work for two years 	<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).</p> <p>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).</p> <p>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>
Janelia Research Campus (Virginia)	<p>The Janelia Undergraduate Scholars program gives undergraduates an opportunity to spend 10 weeks during the summer doing research as an intern in the lab of a mentor at 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.</p>	<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. ✓ Students should have programming experience in at least one of the following languages: Python, MATLAB, and/or C++. Other languages may also be suitable. 	<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)	<p>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</p>	<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. 	<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>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	program. Preceptors will provide guidance and instruction in techniques necessary to address current problems in science and medicine.	<ul style="list-style-type: none"> ✓ Member of an underrepresented minority group (African-American, Alaskan-Hawaiian Native, Latino/Hispanic or Native American). 	If you have additional questions, please send an email to the program .
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. This past year, the work of former interns was a part of 10 presentations at national scientific meetings and 9 publications in peer-reviewed journals. During their 12-week internships, interns spend nearly 11 days on shadowing, observations and other field trips.	<ul style="list-style-type: none"> ✓ 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. ✓ Available to work a minimum of 400 hours (up to 40 hours/week) from June 3 to August 16. ✓ Available to begin first Monday in June. 	Students will be paid \$420/week (40 hrs/week) for their participation in the internship. For more information , visit the website . If you have additional questions, please send an email to the program .
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 [such as public health, health education, exercise science, nutrition, and behavioral psychology]. 	Students will receive a \$1,500 stipend. For more information , visit the website . If you have additional questions, please send an email to the program .
National Heart, Lung and Blood Institute (Georgia)	The Summer in Institute for Training in Biostatistics Program at the Emory University Rollins School of Public Health offers a 6-week program in which students explore the fields of biostatistics, statistics, and public health. Interns participate in a 2-credit	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate students OR college graduates considering graduate school OR beginning graduate students. 	The SIBS Program covers the cost of University fees and tuition. Participants will also receive on-campus housing and some meals. Limited travel support may be available. For more information , visit the website .

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	graduate-level introductory biostatistics course in addition to attending lectures/seminars and visiting local public health institutions.	<ul style="list-style-type: none"> ✓ Majoring in mathematics, science, or other quantitatively oriented areas of study. ✓ U.S. citizen or permanent resident. 	If you have additional questions, please send an email to the program .
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 students of junior or senior standing. 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. ✓ 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.</p> <p>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 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"> ✓ Currently enrolled undergraduate students OR recent graduates. ✓ 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.</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 offers undergraduate, post-baccalaureate, graduate, and recent graduate students who are financially	<ul style="list-style-type: none"> ✓ Undergraduate student OR post-baccalaureate (within two years) OR graduate student. ✓ U.S. citizen or permanent resident. 	The ICRI program provides a stipend based on participants' academic level. Interns are responsible for securing housing. The program provides a list of housing resources to help

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	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"> ✓ 18 years of age or older. ✓ Cancer-related research interest from an underrepresented ethnic group. ✓ 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>with the search. A one-time 35% subsidy in the initial paycheck is intended to help defray the cost of 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)	The Post-Baccalaureate Intramural Research Training Award (IRTA) program provides opportunities for recent college graduates to spend a year 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), which are located on the main NIH campus in Bethesda, MD as well as in Baltimore and Frederick, MD; Research Triangle Park, NC; Phoenix, AZ; Hamilton, MT; and Detroit, MI. 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. ✓ Must begin training within two years of receipt of the undergraduate degree. ✓ During tenure in the program, post-baccalaureate IRTAs are expected to initiate the application process for graduate or medical school. 	<p>The stipend for post-baccalaureate IRTA trainees is adjusted annually. Benefits include health insurance for the trainee and his/her family.</p> <p>For more information, visit the website. 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>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
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) (Arizona)	Arizona State University (ASU) hosts a one- to two-year training opportunity for underrepresented minority students who have recently completed their bachelor's degree and need to obtain more experience and preparation before entering a PhD graduate program in the biomedical sciences. In addition to lab work, scholars participate in activities designed to strengthen important skills for graduate school, including attendance at seminars, lab meetings, journal clubs, an ethical conduct in research course, and local and national scientific conferences.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Completed undergraduate degree in a biomedical-relevant science within the last three years. ✓ Must be underrepresented in the biomedical and behavioral sciences (individuals with disabilities, individuals from disadvantaged backgrounds [socially, culturally, economically below established low-income levels, or educationally], or individuals of underrepresented racial/ethnic groups [African Americans, Hispanic Americans, Native Americans, Alaskan Natives, Hawaiian Natives, and natives of the U.S. Pacific Island]). ✓ Academic minimum: 3.0 GPA. 	<p>Scholars will receive a salary.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Dr. Brenda Hogue.</p>
Post-baccalaureate Research Education Program (PREP) (Texas)	The Baylor College SMART PREP program is designed to help underrepresented college graduates prepare for biomedical PhD study. The 9- to 12-month program allows students to gain mentored biomedical research and includes participation in a molecular and cellular biology course, weekly scientific development workshops, GRE test prep workshops, graduate school application workshops, individual counseling on applying to PhD programs, and	<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 \$27,000 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>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	individual tutoring and development in specific areas.		
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. ✓ Graduated with a baccalaureate degree (BA or BS) 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.</p> <p>If you have additional questions, please send an email to Paul MacDonald.</p>
Post-baccalaureate Research Education Program (PREP) (Indiana)	<p>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.</p>	<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 (including, but not limited to, African American, Native American/Alaskan Native, Hispanic, Hawaiian/Pacific Islander) OR individual with a disability OR individual from a disadvantaged background. ✓ Having a tangible need to complete an additional year of training before applying to graduate school. This might arise from having little or no research laboratory experience or wishing to pursue a degree in a field distinct from that in which was received during Bachelor's training. ✓ Committed to carrying out research to reduce health disparities. 	<p>Scholars will receive a salary of \$27,200, 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>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
		<ul style="list-style-type: none"> ✓ Commitment to apply to a PhD program in medical neuroscience, addiction neuroscience, clinical psychology, biomedical engineering, or human performance. 	
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 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 (biochemistry, cell biology, bioinformatics, neuroscience, biomedical engineering, etc.). ✓ Academic minimum: 3.3 GPA in science and math. 	Scholars will receive a salary and benefits. For more information , visit the website . If you have additional questions, please send an email to Catherine Will .
Post-baccalaureate Research Education Program (PREP) (Minnesota)	The PREP program at the Mayo Clinic offers an intense mentored research experience in basic science or translational research. Scholars also attend special seminars and graduate-level courses and receive guidance to assist with successful continuation into a PhD or MD/PhD program.	<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>*Note: The Mayo Clinic College of Medicine considers underrepresented individuals as belonging to the following groups: Black/African American, Hispanic or Latino, American Indian or Alaska Native, Native Hawaiian or US Pacific Islander, and members of other racial and ethnic groups considered to be underrepresented in medicine and biomedical research.</p> <ul style="list-style-type: none"> ✓ Willing to make a full-time and personal commitment to the 	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. For more information , visit the website . If you have additional questions, please send an email to Dr. Dennis Mays

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
		program similar to that of a first-year graduate student.	
Post-baccalaureate Research Education Program (PREP) (South Carolina)	The Medical University of South Carolina 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. 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). ✓ Graduated with OR be 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 a PREP. ✓ Must apply to a PhD granting program in a biomedical-related field after completing PREP program. 	Scholars will receive a salary and benefits, in addition to being full-time employees of the Medical University of South Carolina. For more information , visit the website . If you have additional questions, please send an email to Dr. Laura Kasman .
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. ✓ Not currently enrolled in a graduate degree program or have completed a graduate degree. 	Scholars will receive an annual stipend of \$27,200. Health insurance is also provided. Travel awards are available for national meetings. For more information , visit the website . If you have additional questions, please send an email to the program .
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	<ul style="list-style-type: none"> ✓ U.S. citizen, non-citizen national, or permanent resident. ✓ Recent graduate with a baccalaureate degree in a life science or engineering discipline from an accredited U.S. college or 	Students will receive a monthly stipend, plus health and retirement benefits. Prepaid airfare is provided for travel to a conference or national meeting. For more information , visit the website . If you have additional questions, please send an email to the program .

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	research, students will attend professional development workshops to successfully apply to PhD programs.	<p>university, no more than 36 months prior to applying to PREP.</p> <ul style="list-style-type: none"> ✓ 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. 	
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. Apprentices spend 75% of their time as research assistants and the remaining time is devoted to classes and individualized study that can range from GRE preparation to advanced graduate courses.	<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>
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 Dr. Dan Bullard or call: (205) 934-4734.</p>
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 preparation course, participate in research seminars and journal clubs, and travel to a conference to present 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 	<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>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
		<p>sciences, including individuals from underrepresented racial and ethnic groups, individuals with disabilities, and individuals from disadvantaged backgrounds.</p> <p>✓ Intending to apply to a PhD program in a biomedically-relevant science in the fall of first year in PREP.</p>	
<p>Post-baccalaureate Research Education Program (PREP) (Illinois)</p>	<p>Underrepresented students who hold a recent bachelor's degree in the biomedical or behavioral sciences are invited to work as lab technicians for one year at the University of Chicago. In addition to gaining lab experience, scholars will participate in specific 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.</p>	<p>✓ U.S. citizen or permanent resident.</p> <p>✓ Intend to pursue a research doctorate upon completion of the program.</p>	<p>PREP scholars will receive a salary of \$27,000, as well as employee benefits, 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.</p>
<p>Post-baccalaureate Research Education Program (PREP) (Georgia)</p>	<p>The University of Georgia PREP program is a one-year training opportunity for scholars to conduct research specific to infectious diseases. 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.</p>	<p>✓ U.S. citizen or permanent resident.</p> <p>✓ Graduated with a baccalaureate degree in a relevant 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.</p> <p>✓ Belong to a group considered underrepresented in biomedical science careers (as defined by the NIH), including individuals from underrepresented racial and ethnic groups or individuals with disabilities.</p> <p>✓ Intend to apply to a PhD or MD/PhD program during PREP training period.</p>	<p>PREP scholars will receive a salary of \$27,200 with access to health insurance.</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) (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. 	<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 University of Massachusetts, Amherst PREP program encourages students of underrepresented groups who hold recent baccalaureate degrees to pursue doctorates in biomedical sciences. PREP participants work as apprentice scientists in laboratories and participate in professional development activities and take a course per semester. 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 2 years). ✓ Intend to pursue a research doctorate upon completion of the PREP experience. 	<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 Vanessa Hill or call: (413) 577-4938.</p>
Post-baccalaureate Research Education Program (PREP) (Michigan)	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.	<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. Not currently enrolled in a graduate degree program. ✓ Belong to a group considered underrepresented in the biomedical sciences (as defined by the NIH: individuals from underrepresented racial and ethnic groups, individuals with disabilities, and individuals from disadvantaged backgrounds; 	<p>Students will receive a full tuition scholarship, salary (\$25,500), and benefits (health and dental insurance).</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to the program or call: (734) 647-5773.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
		socially, culturally, economically, or educationally. ✓ Plan to apply to a PhD program in a biomedically-relevant science after successful completion of PREP.	
Post-baccalaureate Research Education Program (PREP) (Missouri)	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, including enhanced verbal and written communication and networking skills.	✓ 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.	MU PREP scholars will receive a salary at \$27,200, including all educational fees, health insurance, and support for travel to two scientific conferences. For more information , visit the website . If you have additional questions, please send an email to Dr. John David .
Post-baccalaureate Research Education Program (PREP) (New Mexico)	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.	✓ U.S. citizen or permanent resident. ✓ Member of a group found to be underrepresented in biomedical research or an individual from a social, cultural, economic, or educationally-challenged background. ✓ 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. This might arise from having little or no research laboratory experience or wishing to pursue a degree in a field	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. For more information , visit the website . If you have additional questions, please send an email to Antonio Bañuelos or call: (505) 610-1725.

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
		<p>distinct from that in which they received their Bachelor's training.</p> <ul style="list-style-type: none"> ✓ Willing to participate in group training that is designed to enhance research education and career development. ✓ Academic minimum: 3.0 GPA. 	
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 GRE preparation courses and a graduate level course at UNC.	<ul style="list-style-type: none"> ✓ Recent baccalaureate graduates 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. ✓ Academic minimum: 3.0 GPA. ✓ U.S. citizen, national, or permanent resident. 	<p>Scholars will receive a \$27,200 stipend, full tuition, health insurance and travel support to attend a scientific conference.</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) (Texas)	The University of North Texas PREP program provides underrepresented minority students who have received an undergraduate degree in science with a challenging, focused post-baccalaureate experience that will help facilitate acceptance into and completion of a doctoral program in the biomedical field. Scholars will perform 30 hours of lab work as a research associate and attend weekly seminars/journal club meetings, a biomedical ethics course, and a GRE prep course. In addition, students will receive tutoring in study strategies, library and electronic research techniques, research presentation skills, and guidance on choosing a graduate school, obtaining financial support, etc.	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ Possess a bachelor's degree from a regionally accredited institution. ✓ Academic minimum: 2.5 GPA from the last 60 undergraduate semester hours. ✓ Required to take the GRE (no minimum score). ✓ Major in the life sciences (biology, biochemistry, chemistry, biotechnology, etc.). ✓ Intend to pursue a PhD. 	<p>Scholars will receive a \$21,000 stipend. Housing is not included.</p> <p>For more information, visit the website. If you have additional questions, please send an email to Dr. Jamboor Vishwanatha or call: (817) 735-0224.</p>
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	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. 	<p>Scholars will receive an annual salary of \$27,200.</p> <p>For more information, visit the website.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	<p>under the mentorship of a program faculty member for one year, with the possibility of an additional year of support.</p> <p>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 such as a PREP seminar series, career/professional development workshops (e.g., GRE test prep course, career roundtables), training in scientific communication, attendance at national research meetings, and an annual retreat/symposium.</p>	<ul style="list-style-type: none"> ✓ Member of a group traditionally underrepresented in the sciences, as defined by NIH. ✓ Have 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 the date of application submission. ✓ Intend to apply, within two years, for graduate education that will eventually lead to the research doctorate. 	<p>If you have additional questions, please send an email to Dr. Edith Lord.</p>
<p>Post-baccalaureate Research Education Program (PREP) (Pennsylvania)</p>	<p>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 basic biomedical sciences. This program provides significant research experience, along with preparation for applying to and succeeding in graduate school.</p> <p>The goal of the program is to increase understanding in the principles and practices of biomedical research.</p>	<ul style="list-style-type: none"> ✓ U.S. citizen or permanent resident. ✓ 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.</p>
<p>Post-baccalaureate Research Education Program (PREP) (South Carolina)</p>	<p>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.</p>	<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>

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) seeks students from underrepresented, economically disadvantaged, and physically disabled groups 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 will provide graduate school application assistance as well as mentored laboratory experience.	<ul style="list-style-type: none"> ✓ U.S. citizenship 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. ✓ Member of a group traditionally underrepresented in the sciences OR from an economically disadvantaged background OR 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>
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. If you have additional questions, please contact the program.</p>
Post-baccalaureate Research Education Program (PREP) (Virginia)	The Virginia Tech [VT] PREP program offers a 12- to 24-month mentored research experience and academic program. 75% of scholar's time will be spent performing research and the other 25% will be spent in enrichment programs like undergraduate and/or graduate coursework, academic seminars and technical workshops, and graduate school and GRE preparation.	<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. ✓ Academic minimum: 2.8 GPA. ✓ Member of a group traditionally underrepresented in the sciences OR have demonstrated educational deficiencies due to economic deprivation or geographic disadvantages. ✓ Must be interested in pursuing a PhD within two years of admission into PREP. 	<p>PREP scholars will receive a \$27,000 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. 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-year intensive research experience for underrepresented minority students. 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. Students may also attend one to two undergraduate or graduate level courses per year to meet the prerequisites for graduate school or demonstrate competence in graduate level coursework. Participants are required to apply to one or more PhD graduate programs by the conclusion of the program.	<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) (Connecticut)	Yale University PREP program offers a yearlong training program in which students spend 75% of their time conducting independent research under a faculty mentor and the rest of their time preparing a competitive applicant to biomedical sciences graduate 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 computer, 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>
University of South Carolina (South Carolina)	The USC School of Medicine is offering a one-year certificate program for students to strengthen their application to medical or graduate school through graduate-level coursework in areas of the biomedical sciences.	<ul style="list-style-type: none"> ✓ Member of a group traditionally underrepresented in the sciences OR have demonstrated educational deficiencies due to economic deprivation or geographic disadvantages. ✓ Bachelor's degree in the sciences from an accredited U.S. university. ✓ Solid background in biology, chemistry, and organic chemistry. 	<p>For more information, visit the website.</p> <p>If you have additional questions, please send an email to Pat Early.</p>

Internships in Scientific Research for Post-baccalaureate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
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.	✓ Please refer to the program's website or contact the respective administrator to review the eligibility criteria per program.	For more information , visit the website .
Virginia Commonwealth University (Virginia)	The Summer Academic Enrichment Program is a 6-week program designed to enhance the academic preparation of students actively pursuing enrollment in a health professions school. Students will choose from four tracks: <ul style="list-style-type: none"> • Dentistry • Medicine • Pharmacy • Physical Therapy Each track includes foundational courses, learning workshops, health disparities seminars, mock interviews, and networking events.	<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. *Note: Educational, social, or economically disadvantaged students are preferred.	For more information , visit the website . If you have additional questions, please send an email to the program .

Internships in Pre-Medicine 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 ~232 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.	✓ Please refer to the program's website or contact the respective administrator to review the eligibility criteria per program.	For more information , visit the website . If you have additional questions, please send an email to the program .

Internships in Scientific Research for Graduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
21 Progress	<p>Learn about social justice education and leadership, impact your community, and meet amazing activist and mentors this summer!</p> <p>Fun, innovative, and hands-on internship for passionate and skilled people who are eager to take on challenges, opportunities, and make a lasting difference in their community. We want to share our favorite tools and learning lessons with those in the community who are exploring their own purpose- both professionally and personally.</p>	<p>Age Restrictions: All applicants must be at least 18 years old</p> <p>Geographic Restrictions: Available to Washington State residents only.</p> <ul style="list-style-type: none"> ✓ College-level written and oral English communication skills ✓ Proficient with Microsoft Office suite, online social media, and email communication 	<p>Participants will receive stipend of \$1,500 for 30 hours per week for 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.</p>
Association of Public Health Laboratories (Multiple locations)	<p>The Emerging Infectious Diseases (EID) Advanced Laboratory Training Fellowship is a one-year program designed for master's level scientists, with emphasis on the practical application of technologies, methodologies, and practices related to emerging infectious diseases.</p>	<ul style="list-style-type: none"> ✓ U.S. citizens or permanent residents ✓ Must have completed a master's degree in a science-related discipline by the program start date 	<p>Compensation for Master's level participants is \$41,000 per year.</p> <p>For more information, visit the website.</p> <p>If you have additional questions, please contact Heather Roney.</p>
Hispanic Serving Health Professions Schools (Virginia)	<p>Working in collaboration with different agencies within the US Dept. of Health and Human Services and academic institutions, HSHP is able to provide internships and fellowships for students interested in furthering the organization's mission of improving Hispanic health. HSHP 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 HSHP network.</p>	<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. 	<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.</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. ✓ 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 (African-American, Alaskan-Hawaiian Native, Latino/Hispanic or Native American). 	<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>
Michigan Institute for Clinical and Health Research (MICHR)	MICHR 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 full-time 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.</p> <p>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 [such as public health, health education, exercise science, nutrition, and behavioral psychology]. 	<p>Students will receive a \$1500 stipend.</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 Heart, Lung and Blood Institute (Georgia)	The Summer in Institute for Training in Biostatistics Program at the Emory University Rollins School of Public Health offers a 6-week program in which students explore the fields of biostatistics, statistics, and public health. Interns participate in a 2-credit graduate-level introductory biostatistics course in addition to attending lectures/seminars and visiting local public health institutions.	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate students OR college graduates considering graduate school OR beginning graduate students. ✓ Majoring in mathematics, science, or other quantitatively oriented areas of study. ✓ U.S. citizen or permanent resident. 	<p>Participants will receive on-campus housing and some meals. Limited travel support may be 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 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 students of junior or senior standing. 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. ✓ 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.</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"> ✓ Currently enrolled undergraduate students, including seniors graduating in Spring before start of program. First-year graduate students are also 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>

Internships in Scientific Research for Graduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
National Institutes of Health (District of Columbia)	The Introduction to Cancer Research Careers (ICRC) Program was inaugurated in 2004 to further embrace diversity among the pool of NIH trainee applicants. Over the past two years, 101 students have conducted research in 68 labs across the Center for Cancer Research.	<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 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"> ✓ High school OR undergraduate OR graduate student (including medical and dental students). ✓ Must be 16 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>
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>*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	<ul style="list-style-type: none"> ✓ Please refer to the program's website or contact the respective 	<p>The stipend is adjusted annually.</p> <p>For more information, visit the website.</p>

Biomedical Research Internships

Prepared by: Jennifer Anderson, Jordan Cañas Ramsey, Marilyn Drennan, Noah Espinoza, and Stephanie Louie

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Internships in Scientific Research for Graduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	<p>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.</p>	<p>administrator to review the eligibility criteria per 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 funded by the NIH R25 grant. During the experience, first-year medical and physician assistant students will:</p> <ul style="list-style-type: none"> • 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 <p>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"> ✓ 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 \$3,200 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>
<p>Siemens Foundation-PATH (Washington)</p>	<p>The Diagnostics Global Program at PATH collaborates with universities, manufacturers, and other institutions to develop health technologies for low-resource settings. Under the guidance of PATH scientists, Laboratory Research Fellows will plan laboratory investigations and analyze resulting data using existing methodologies.</p>	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate OR graduate student. ✓ 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>

Internships in Scientific Research for Graduate Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
St. Jude Children's Research Hospital (Tennessee)	<p>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.</p> <p>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 undergraduate student of at least sophomore standing OR graduate student preparing for a career in medicine or biomedical sciences. ✓ Students with an interest in cancer research are particularly encouraged to apply. 	<p>Students will receive a \$4,000 stipend, in addition to 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>
University of Texas MD Anderson Cancer Center/National Cancer Institute (Texas)	<p>The CP RTP 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. Through these activities, students will learn about current and innovative topics in cancer prevention at seminars, explore the possibility of a career in science, and get to know other MD Anderson summer students with similar interests. At the program's conclusion, students will present their findings at the trainee exposition.</p>	<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 up to \$15.00/hour.</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)	<p>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.</p>	<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 minority (URM) medical and undergraduate students an opportunity to engage in basic clinical and translational research projects at Brigham and Women's Hospital (BWH) and in conjunction with Harvard Medical School (HMS). This program is designed to enhance the research capabilities of URM undergraduate and medical students and to encourage these scholars to pursue advanced graduate and medical education and training at BWH and HMS.	<ul style="list-style-type: none"> ✓ Member of a group traditionally underrepresented in the sciences (African-American, Alaskan/Hawaiian Native, Hispanic, or Native American) ✓ U.S. citizen or non-citizen national with a permanent resident visa. ✓ Undergraduate student of junior or senior standing OR first-year medical student. ✓ Can provide proof of 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.</p> <p>If you have additional questions, please send an email to the program.</p>
Children's Hospital Los Angeles (California)	The Summer Oncology Fellowship is to provide first-year medical students an opportunity to explore the field of oncology research. This 6-10 week program allows students the opportunity to participate in clinical or laboratory research studies and to attend a pediatric oncology lecture series.	<ul style="list-style-type: none"> ✓ Highly qualified undergraduate student majoring in the health science fields OR first-year medical school student. 	<p>Students will receive a stipend of \$350/week for a minimum of 6 weeks and a maximum of 10 weeks. A limited amount of funds is available as reimbursement for travel and housing on a case-by-case basis for students from outside the greater Los Angeles area.</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 Medicine for First-Year Medical Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Johns Hopkins Medical Institutions (Maryland)	<p>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:</p> <ul style="list-style-type: none"> • Cancer genetics • Radiobiology • Cancer health disparities • Cancer immunology • Hematological malignancies 	<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)	<p>Indiana University maintains a compilation of summer opportunities for first-year medical school students.</p>	<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)	<p>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.</p>	<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 (African-American, Alaskan-Hawaiian Native, Latino/Hispanic or Native American). 	<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>

Internships in Medicine for First-Year Medical Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
Medical University of South Carolina (South Carolina)	<p>The Summer Health Professionals Research Program is a 10-week biomedical research opportunity for professional students to work on a funded research project in the lab of a faculty member. Students will present their research at the end of the program. Research areas include:</p> <ul style="list-style-type: none"> • Metabolic diseases • Cardiovascular research • Craniofacial and Oral health research 	<ul style="list-style-type: none"> ✓ Must be enrolled in a professional graduate program (MD, PharmD, or DMD). ✓ Academic minimum: 3.0 GPA. A GPA of 3.2 or higher is preferred. ✓ Must be available during entire length of the program. 	<p>Students will receive a living allowance ranging from \$3,000 - \$4,000 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>
Minneapolis Heart Institute Foundation (Minnesota)	<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. This past year, the work of former interns was a part of 10 presentations at national scientific meetings and 9 publications in peer-reviewed journals. During their 12 week internships, interns spend nearly 11 days on shadowing, observations and other field trips.</p>	<ul style="list-style-type: none"> ✓ Preference will be given to undergraduate rising juniors or seniors, BUT first-year medical 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. 	<p>Students will be paid \$400/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>
Roswell Park Cancer Institute (New York)	<p>The Summer Research Experience Program in Oncology is an 8 week immersive summer research experience program at an NCI-designated comprehensive cancer center funded by the NIH R25 grant. During the experience, first-year medical and physician assistant students will:</p> <ul style="list-style-type: none"> • 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; 	<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 \$3,200 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 Dr. Adam Kisailus.</p>

Internships in Medicine for First-Year Medical Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	<ul style="list-style-type: none"> 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 <p>The goal of the program is to encourage entry into medical careers in technology and include a component of research.</p>		
<p>St. Jude Children's Research Hospital (Tennessee)</p>	<p>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.</p> <p>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 undergraduate student of at least sophomore standing OR graduate student preparing for a career in medicine or biomedical sciences. ✓ Students with an interest in cancer research are particularly encouraged to apply. 	<p>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. If you have additional questions, please send an email to Dr. Suzanne Gronemeyer.</p>
<p>University of Texas MD Anderson Cancer Center (Texas)</p>	<p>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.</p> <p>The 10-week program includes:</p> <ul style="list-style-type: none"> 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 	<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. If you have additional questions, please send an email to Charlotte Fuselier.</p>

Internships in Medicine for First-Year Medical Students

Program Sponsor	Description	Eligibility	Compensation / For More Information
	<ul style="list-style-type: none"> • Interview skills workshop • End-of-program presentation of research projects 		
University of Texas MD Anderson Cancer Center/National Cancer Institute (Texas)	<p>The CP RTP 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. Through these activities, students will learn about current and innovative topics in cancer prevention at seminars, explore the possibility of a career in science, and get to know other MD Anderson summer students with similar interests. At the program's conclusion, students will present their findings at the trainee exposition.</p>	<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 up to \$15.00/hour. For more information, please visit the website. 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)	<p>The UT Houston Summer Research Program provides undergraduate students and first-year medical students enrolled at UT Houston Medical School with hands-on research experience supervised by faculty members from the medical school. The program includes workshops that supplement the research experience, including weekly seminars, certification courses in animal science, laboratory safety and radiation, an enrichment series, and tours of selected facilities and labs.</p>	<ul style="list-style-type: none"> ✓ Currently enrolled undergraduate OR 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. For more information, visit the website. If you have additional questions, please send an email to Linh Trinh.</p>