

Internships with Stipend					
Internship Name	Location	Description	Eligibility	Materials Needed for Online Application	Link
University of Alabama at Birmingham Summer Research Programs for Undergraduates	Birmingham, Alabama	UAB Heersink SOM Clinical and Research Undergraduate Summer Program Opportunities: SIBS, PARAdiGM, KURE, SURE-GM, Blazer BRAIN, RaCE4Path-UG, or SURE programs.	Eligibility for the UAB SOM Undergraduate Research Programs varies based on the aims of the individual programs and funding sources. Specifically, SIBS, PARAdiGM, Blazer BRAIN, and KURE are restricted to sophomores, juniors, and seniors (i.e., graduating December 2022 or later) who are US Citizens or Permanent Residents. Whereas, SURE-GM is only open to sophomores (i.e., rising juniors) who are US Citizens or Permanent Residents. In comparison, the SURE program prefers applicants be sophomores or juniors who are U.S. citizens or Permanent Residents.	<ul style="list-style-type: none"> - Statement of Academic Interest and Career Goals - Resume - Contact Information for faculty who are writing your letters of recommendation - Transcript 	https://www.uab.edu/medicine/sibs/
ASU Quantitative Research for the Life and Social Sciences Program (QRLSSP)	Tempe, Arizona	QRLSSP is an intensive summer research experience that prepares undergraduate students for the rigors of graduate level research at the interface of mathematics, statistics, and the natural and social sciences. Select students are invited to Arizona State University for eight weeks, where their time is split between classroom instruction on research methods and hands-on research projects.	<ul style="list-style-type: none"> - Undergraduates who have completed at least their sophomore year - Majoring in math, biology, or related fields - At least one year of calculus - African Americans, Latinos and Native Americans are strongly encouraged to apply - U.S. Citizens/Permanent Residents 	<ul style="list-style-type: none"> - One letter of recommendation - Personal Statement - Transcript 	https://qrlssp.asu.edu/summerprogram
UCLA B.I.G. Summer Program	Los Angeles, California	8-week full-time immersion program for undergraduates; students will have the opportunity to experience graduate-level coursework, and learn the latest cutting-edge research, tools and methods used by leading scientists to solve real-world problems.	<ul style="list-style-type: none"> - A U.S. citizen, permanent resident, or F-1 visa holder - A rising junior or senior- have a GPA of 3.0 or higher - Have some familiarity with at least one programming language (e.g. python, pearl, R, Java, MAT-LAB, C++, etc.) - Preferably have taken bioinformatics or biostatistics courses 	<ul style="list-style-type: none"> - One letter of recommendation from a faculty member - One copy of your unofficial transcript - One document containing short responses to a set of eight questions posted 	https://qcb.ucla.edu/big-summer/
NSF Summer Research Experience for Undergraduates: Integrating Biology from Molecules to Ecosystems	Berkeley, California	<ul style="list-style-type: none"> - Individual research projects in participating faculty laboratories in the Departments of Integrative Biology, Molecular & Cell Biology and Plant & Microbial Biology at the University of California at Berkeley. - Integrated program of academic and professional development: group tutorials on cell, developmental and evolutionary biology; informal faculty research seminars; workshops on the graduate school application process, life as a graduate student, oral and written communication skills, and career opportunities for Ph.D.s. - Mentoring from faculty, graduate students, and postdocs - 10 week program 	<p>Who should apply:</p> <ul style="list-style-type: none"> - Highly motivated students interested in biological research - Students interested in the possibility of graduate school (Ph.D. rather than M.D.) - Have completed at least one course in biology and one in chemistry before applying - Undergraduates who will be attending a 4 year college or university in fall 2022 to work toward the Bachelor's degree. (Preference is given to students who will have completed their sophomore year by July 2022.) - United States citizens or permanent residents (required by NSF guidelines) - Able to show proof of health insurance for duration of the program 	<ul style="list-style-type: none"> - Statement of purpose - Two letters of recommendation - Transcript(s) from all the colleges/universities you attend (ed) 	http://mcb.berkeley.edu/nsfreu/
City of Hope Summer Student Academy	Duarte, California	This program seeks to find students possessing exceptional potential for performing biomedical research. Summer Academy students design and work on their own research projects in areas of their specific interests. City of Hope faculty members act as mentors providing valuable guidance and support, while also encouraging independent thought and exploration. Summer students work closely with post-doctorates, graduate students, and lab personnel of the Irell & Manella Graduate School of Biological Sciences.	<ul style="list-style-type: none"> - Applicants must be at least 16 years old before their internship begins. - Applicants must be high school or undergraduate students. - Applicants must be U.S. citizens or permanent residents. 	In addition to completing the online application, most students submit additional materials such as transcripts, letters of recommendation and resumes, but these are not required.	https://www.cityofhope.org/education/students-and-youth/summer-student-academy
UC Davis Hugh Edmondson Research Internship	Sacramento, California	During this eight-week program, the Hugh Edmondson Summer Research Internship Program undergraduate interns will participate in research or work activities eight hours daily, Monday through Friday. The interns are not expected to participate in other part-time work activities or to attend summer school during this eight-week period. This year's program will offer a combination of in-person/remote experiences.	The Edmondson Summer Internship Program is open to undergraduate college students. The students must demonstrate a strong interest and motivation in research or a career in the health sciences such as clinical laboratory scientist, cytotechnologist, biomedical scientist, physician, or physician-scientist. The selection of students is based on their statement of interest, academic performance (GPA > 2.85), recommendation letters, and interviews.	<ul style="list-style-type: none"> - Curriculum Vitae - Personal statement of interest - Two completed recommendation forms - Copy of unofficial transcripts 	https://health.ucdavis.edu/pathology/education/edmondson_research_fellowship/information.html
UC Irvine's Summer Undergraduate Research Fellowship (SURF)	Irvine, California	UC Irvine's Summer Undergraduate Research Fellowship (SURF) program offers undergraduate and master's diversity students an opportunity to work closely with faculty mentors on research projects and provides an intense course of graduate preparation workshops. SURF is designed for students who plan to pursue a Ph.D. or M.F.A. degree and enter academic careers, provides the tools needed to facilitate application, admission, and enrollment to graduate school. The SURF program is open to virtually all academic fields at UC Irvine. Qualified students with interest in pursuing their graduate program at UC Irvine are especially encouraged to apply.	<ul style="list-style-type: none"> - Must be 18 years or older - U.S. citizens, permanent residents, AB540 eligible - Juniors, seniors or master's students interested in pursuing a Ph.D. - Students who will be enrolled full-time at a college or university - Students with a 3.0 cumulative grade point average or better (on a 4 point scale) - Students interested in attending UC Irvine for graduate studies - Students from educationally disadvantaged or underserved backgrounds are especially encouraged to apply - SURF is open to students in virtually all academic fields (e.g., arts, humanities, social sciences, social ecology, biological sciences, engineering, education, computer sciences, and physical sciences) 	<ul style="list-style-type: none"> - Personal history statement - Unofficial transcript - One letter of recommendation 	https://grad.uci.edu/prospective-students/graduate-preparation-programs/summer-undergraduate-research-fellowship/
University of California, San Diego Summer Undergraduate Research Fellowship (SURF) Program	La Jolla, California	The Summer Undergraduate Research Fellowship is an 8 week program for undergraduate students from underrepresented groups in the Biomedical Sciences.	Applicants must: (1) have successfully completed at least one undergraduate year at an accredited school or university; or (2) be attending community or junior colleges provided they are enrolled in at least three courses per academic term and have completed at least six courses.	<ul style="list-style-type: none"> - Unofficial school transcript - Contact information for two references 	https://medschool.ucsd.edu/education/mstp/pages/default.aspx

University of California, San Francisco Summer Research Training Program	San Francisco, California	Students selected for summer research at UC San Francisco spend up to ten weeks working with UCSF faculty members on research projects. Participants in the program take part in seminars, lectures, and social events, creating a cohesive and supportive community. At the end of the program, students give presentations of their research and get valuable feedback from students, postdocs, and faculty at UCSF.	<ul style="list-style-type: none"> - Be a currently-enrolled undergraduate student. - Be a U.S. citizen or permanent resident. - Have a desire to pursue a PhD in one of the disciplines offered by the UCSF Graduate Division in life/health sciences listed at right. - Have completed at least four semesters or six quarters of undergraduate study prior to the beginning of the Summer Program. - Be able to participate for the entirety of the program. 	<ul style="list-style-type: none"> - Personal Statement - Two letters of recommendation - Copy of college transcript(s) 	https://graduate.ucsf.edu/srtp#programs
San Francisco Department of Public Health SHARP (Summer HIV/AIDS Research Program)	San Francisco, California	SHARP (Summer HIV/AIDS Research Program) is an innovative 12-week summer mentored internship and learning experience designed to inspire students from underrepresented communities to pursue further studies and careers in public health-oriented clinical, socio-behavioral, and community-focused research.	All candidates must be legally eligible to work in the U.S. Candidates must also be currently enrolled in an undergraduate or certificate program or be a recent graduate (less than 2 years since graduation). Graduate students are not eligible for this program.	<ul style="list-style-type: none"> - Completed SHARP Statement of Interest - Resume - Transcripts from colleges and universities attended after high school (unofficial and photocopies are accepted) - One recommendation 	https://sharpinternship.org/about/
Standford Advancing Health Equity and Diversity (AHEaD) Population Health Summer Research Program	Stanford, California	The goal of this program is to provide training and experience in population health research for college students who are from underrepresented and historically excluded groups in the health sciences.	<ul style="list-style-type: none"> - U.S.-based college students (US citizens or permanent residents) from underrepresented and historically excluded populations 	Statement of Purpose (maximum 500 words). Please discuss what drives your interest in the program, what you hope to learn, and your near-term career goals (e.g., type of job after graduating from college, graduate school, etc).	https://med.stanford.edu/epidemiology-dept/education/summer-internship-program.html#program-details
California Academy of Sciences Summer Systematics Institute	San Francisco, California	SSI is a nine-week paid research internship at our state-of-the-art research facility and museum in San Francisco's Golden Gate Park. This world-renowned venue offers undergraduates important insights into the contributions that museum-based research can make to issues facing society today by providing them the opportunity to do museum-based research for the summer.	Any U.S. citizen or resident alien (green card) who is an undergraduate student, and who will not have graduated before the start of the fall semester or quarter of 2022, is welcome to apply. That is, you must be enrolled in an undergraduate program at the time of the internship.	<ul style="list-style-type: none"> - Statement of interest - Two reference contact information 	https://www.calacademy.org/summer-systematics-institute
Colorado Summer Institute in Biostatistics (CoSIBS) at Colorado School of Public Health	Aurora, Colorado	The Colorado Summer Institute in Biostatistics (CoSIBS) is an interdisciplinary training and research program that introduces undergraduate and early graduate students to the field of biostatistics. Biostatistics is the theory and application of statistics in biological systems and biomedical research. This program exposes students to diverse research in the medical and public health setting using a wide array of applications representative of the field of biostatistics.	<ul style="list-style-type: none"> - Be an undergraduate or early graduate student at an accredited school or university - Be a U.S. citizen or Permanent resident - Have some background knowledge of programming and introductory courses in probability, calculus, and linear algebra (requirements are flexible) - Have an interest in data science and biostatistical research 	<ul style="list-style-type: none"> - A Personal Statement of interest - Electronic copies of college transcripts - A letter of recommendation 	https://coloradosph.edu/education/department/s/biostatistics-informatics/cosibs
Colorado State University Research Experience for Undergraduates (REU)	Fort Collins, Colorado	We will support ~10 undergraduates from institutions outside of Colorado State University and several CSU undergraduates as they pursue independent research projects in chemistry, materials science and nanotechnology. Students will be involved in exciting cutting-edge projects. They will learn how to formulate and test hypotheses as well as perform experiments and computations, collect and analyze data, and develop interpretations for those results. During the course of these studies, the research participants will make use of state-of-the-art techniques and instrumentation available in our department.	Open to undergraduate students.	<ul style="list-style-type: none"> - Online application materials 	https://www.chem.colostate.edu/summer-programs/summer-programs/
Hartford Healthcare Summer Student Pre-Med & Research Programs	Hartford, Connecticut	The program is designed exclusively for pre-medical students (who are U.S. citizens or permanent residents) completing their junior year in college. It offers the student an introduction to research methodology, patient treatment, and ethical issues in medicine as well as exposure to a broad spectrum of health care providers within a large community teaching hospital.	The criteria used for selecting a participant are: <ul style="list-style-type: none"> - Pre-medical college student completing their junior year by May 2023 - College grades (GPA 3.4 or higher) - Participation in leadership/service activities at school and in the community, as well as interests conveyed to the interviewer at the time of the scheduled interview 	<ul style="list-style-type: none"> - Application form with essay (why you want to participate in the Program; what you hope to contribute to and learn from the Program) - Official Transcript - Two confidential letters of recommendation from college professors and mentors (in a sealed envelope) 	https://hartfordhospital.org/health-professionals/education/research-fellowships/summer-student-pre-med-research-program
University of Connecticut Health Center Undergraduate Summer Research	Farmington, Connecticut	UConn Health invites applications for a limited number of summer research internships from highly qualified and motivated undergraduate students who have an interest in obtaining a Ph.D. in the biological and biomedical sciences. Students will have the opportunity to participate in research activities of a laboratory at the Graduate School under the direction of a faculty member. The purpose of the program is to provide a research experience and the opportunity to learn about ongoing research programs at UConn Health.	Applicants who are U.S. citizens/Permanent Residents or international students who have an F-1 student visa and are currently undergraduates studying in a college or university in the United States (as long as they obtain "curricular practical training" from their current U.S. college or university) are eligible to apply.	<ul style="list-style-type: none"> - Personal Statement - Two letters of recommendation - Transcript(s) 	https://health.uconn.edu/graduate-school/academics/programs/summer/

Yale Summer Undergraduate Medical Research	New Haven, Connecticut	The program's mission is designed to prepare undergraduate students who are interested in developing careers as scientific investigators in biomedical research. The program will provide students with an exciting "hands-on" opportunity to conduct fundamental research in clinical and basic science laboratories directly investigating human disease processes. Students will learn to formulate hypothesis-driven research, to obtain and analyze the generated data, and to write-up the results	<ul style="list-style-type: none"> - Summer students applying must have a GPA >3.5 (0-4.0 scale). - Student applicant must be a full time undergraduate student from an accredited university or college. 	<ul style="list-style-type: none"> - 500-word description of his or her research interest and how this relates to long-term career goals. - Two letters of recommendation - Transcript - Resume 	https://medicine.yale.edu/intmed/nephrol/
H. Lee Moffitt Cancer Center & Research Institute SPARK - Summer Undergraduate Program to Advance Research Knowledge	Tampa, Florida	The SPARK program provides a research experience unlike any other with some of the nation's leading scientists at the Moffitt Cancer Center. Applicants should note that participation represents a 10-week commitment. We offer several start dates, to accommodate every accepted student. Participants will be training for 40 hours per week on a research-based project. Due to the intensity of the program, applicants are discouraged from taking summer classes or maintaining employment.	Students must be at least 18 years old and a U.S. citizen to apply. International students with F-type visas are not eligible for the stipend. We recommend they pursue other volunteer opportunities at Moffitt. We accept students who are currently enrolled in undergraduate programs. College graduates, with a bachelor's degree or above, are not eligible. There is no minimum GPA to apply, however, our program is extremely competitive. Most have a minimum of a "B" average, but it is not required to apply.	<ul style="list-style-type: none"> - At least one letter of recommendation from a person with whom you share an academic or professional relationship. - Most relevant official academic transcripts (high school transcripts unless one full year of college has been completed.) - An essay describing the applicant's research interest 	https://moffitt.org/education/research-education-and-training/office-of-undergraduate-and-visiting-scholar-affairs/formal-programs/spark/
University of Florida Summer Neuroscience Internship Program	Gainesville, Florida	The Summer Neuroscience Internship Program aims to support college students from diverse backgrounds who seek to pursue doctoral (Ph.D.) training in neuroscience and prepare for rewarding careers in biomedical research, education and enterprise. Pursuant to this goal, our interns join active neuroscience research labs at the University of Florida (UF), one of the largest and most productive research universities in the United States, while also receiving highly personalized guidance on graduate school admissions, professional development and career planning.	We accept applications from college students outside of UF, studying at U.S.-based institutions who are not already accepted into postgraduate programs. International students that are currently studying at a U.S.-based university and have a valid visa are eligible to apply.	<ul style="list-style-type: none"> - Copies of academic transcripts from each college or university that you have attended - Names and contact information (telephone and email address) of two referees who will submit letters of recommendation on your behalf - Choice of up to three UF neuroscience mentors who's research aligns with your own interests - A copy of your resume or CV to upload - A one-page Personal Statement 	https://neuroscience.ufl.edu/training/summer-neuroscience-internship-program/
Florida Atlantic University Summer Integrative Neuroscience Experience (SINE)	Jupiter, Florida	Students will have the opportunity to work in laboratories at FAU Jupiter, Scripps Research or the Max Plank Florida Institute for Neuroscience. The on-campus research will focus on the following neuroscience areas: synaptic function, behavioral pharmacology, neurogenetics and systems neuroscience. Students will also participate in workshops that provide a broad background in scientific communication, research approaches, and responsible conduct in research.	<ul style="list-style-type: none"> - Undergraduate students majoring in science or engineering. - U.S. Citizen or permanent resident. - Minorities and women are strongly encouraged to apply. 	<ul style="list-style-type: none"> - One-page statement of interest that describes your motivations, expectations and long-term objectives 	https://www.fau.edu/jupiter/research/reu-sine/
CDC Collegiate Leaders in Environmental Health	Atlanta, Georgia	This is a paid 9-week summer environmental internship for current undergraduate students (rising junior or senior) who are passionate about the environment, interested in human health, and curious about how they are linked. Interns will participate in a comprehensive program including environmental health project assignments, interaction with federal officials and scientists, and visits to important environmental health sites in and around Atlanta. In addition, interns will be able to attend the many free seminars and trainings offered by CDC during the summer (time and project requirements permitting).	<ul style="list-style-type: none"> - Be a US citizen or Permanent Resident (with a green card) - Minimum cumulative GPA of 3.0 on a 4.0 scale, and - Proof of health insurance upon acceptance into the program - Be a full time student, NOT graduating before or during the internship summer. (Students must be returning to school to complete degree requirements at the end of their internship OR the internship must serve as needed academic credit to complete degree requirements.) 	<ul style="list-style-type: none"> - Online application materials 	https://www.cdc.gov/nceh/summerinternships/cleh.htm
CDC Summer Program in Environmental Health	Atlanta, Georgia	This is a paid 9-week internship for current students majoring in environmental health in a program accredited by the National Environmental Health Science and Protection Accreditation Council (EHAC) External. Interns participate in activities with the Environmental Health Services (EHS) of CDC's National Center for Environmental Health (NCEH). Over the summer, interns explore many aspects of environmental public health. Interns gain environmental health experience and an understanding of environmental health work at the local, state, tribal, and federal levels. Interns collaborate with federal employees working in the environmental health field and develop mentoring relationships.	<ul style="list-style-type: none"> - Be a US citizen or Permanent Resident (with a green card) - Minimum cumulative GPA of 3.0 on a 4.0 scale, and - Proof of health insurance upon acceptance into the program - Be a full time student, NOT graduating before or during the internship summer. (Students must be returning to school to complete degree requirements at the end of their internship OR the internship must serve as needed academic credit to complete degree requirements.) 	<ul style="list-style-type: none"> - Online application materials 	https://www.cdc.gov/nceh/summerinternships/supeh.htm

Augusta University Summer Student Training and Research (STAR)	Augusta, Georgia	<p>The Summer STAR (Student Training And Research) Program provides opportunities for highly motivated and talented undergraduate students to develop skills as young scientists and to further explore their interest in biomedical research. STAR participants are matched to a biomedical research laboratory and engage in a research project under the guidance of an Augusta University faculty member and their lab team. The Summer STAR program provides excellent preparation and relevant experience for students planning to pursue a PhD or MD/PhD in the biomedical sciences.</p>	<ul style="list-style-type: none"> - Must have confirmed housing and reliable transportation to commute to and from campus daily, if on campus housing is not available or is not selected. - Be 18 years or older by start of the STAR session - Completed at least freshman year in college - Currently enrolled in an undergraduate degree program. - Must have proof of current Health Insurance Coverage that extends throughout the duration of the Summer STAR Program - United States Citizenship (or hold permanent resident status) or international students currently enrolled in US college/university holding a student non-immigrant visa. - Must have proof of current social security number/card for employment purposes, and be able to provide the original card for documentation 	<ul style="list-style-type: none"> - Transcripts - Two letters of recommendation 	https://www.augusta.edu/gradschool/biomed/star-program.php
Northwestern University Summer Research Opportunity Program (SROP)	Evanston, Illinois	<p>The Summer Research Opportunity Program (SROP) is a seven-week competitive research experience hosted by Northwestern University for sophomores and juniors from colleges and universities across the United States. All fields of research at Northwestern are open to SROP participants including the social sciences and humanities, physical sciences, chemical and biological sciences, technology, math, and engineering fields.</p>	<ul style="list-style-type: none"> - Be a current sophomore or junior. - Have a cumulative GPA of at least 3.3 on a 4.0 scale. - Be a U.S. citizen or permanent resident. - Have an interest in pursuing a doctoral degree (PhD) at Northwestern University. Those interested in pursuing an MBA, JD, or MD are not eligible. 	<ul style="list-style-type: none"> - Letters of recommendation - Transcript 	https://www.tgs.northwestern.edu/diversity/diversity-recruitment/summer-research-opportunity-program/
Argonne Science Undergraduate Laboratory Internship	Lemont, Illinois	<p>Internship opportunities are available during the following terms: Summer (10 weeks), Fall (15 weeks), and Spring (15 weeks). Applications are solicited annually three times a year through the DOE website for each of the terms. Each DOE laboratory offers different research opportunities; not all DOE laboratories offer internships during the Fall and Spring Terms. A typical experience starts with students spending the first week with an Argonne supervising staff member devising a research strategy and attending mandatory safety classes. For the next few weeks, the supervisor will provide considerable program assistance and guidance. Subsequently, the student will be expected to complete a pre and post-survey, an oral or poster presentation, a 1500 – 3000-word research report, and a one-page peer review.</p>	<ul style="list-style-type: none"> - Must be currently enrolled full-time at an accredited U.S. institution and completed at least one year as a matriculated undergraduate student at the time of applying. - 18 years or older at the time the internship begins. - U.S. citizen or Legal Permanent Resident at the time of applying. - Undergraduate cumulative minimum grade point average (GPA) of 3.0 on a 4.0 scale. 	<ul style="list-style-type: none"> - Submit two (2) letters of recommendation. 	https://www.anl.gov/education/science-undergraduate-laboratory-internship
Northwestern University Cancer-Focused Undergraduate Research Experience	Chicago, Illinois	<p>We invite underserved undergraduate students interested in biomedical sciences to participate in leading-edge cancer research and career exploration at the Robert H. Lurie Comprehensive Cancer Center of Northwestern University. Participants will spend 8 weeks working full-time (35-40 hours/week) alongside top cancer researchers in state-of-the-art laboratories and help advance novel research projects in cell and molecular biology, cancer immunology, metabolism, clinical investigation, developmental therapeutics, genomics, population science, health disparities and other focus areas. Students will learn key principles of cancer biology and laboratory investigation, gain hands-on laboratory experience, explore possible career paths and receive career guidance through program seminars and activities, individual mentoring, and ongoing interactions with multidisciplinary researchers, students and colleagues in the Northwestern community.</p>	<ul style="list-style-type: none"> - U.S. citizen or permanent resident - Standing as college freshmen, sophomore, junior or senior students - Demonstrated interest in the biological sciences with a strong record of academic achievement. - Able to commit to 8 full weeks of programming - Meet NIH criteria for one of the following (see the NIH website for definitions): Underserved in biomedical science (African-American, Hispanic, Native American, Pacific Islander or Native Hawaiian), Disabled, Disadvantaged 	<ul style="list-style-type: none"> - Current school name and address - Cumulative GPA - Complete college transcripts (these don't need to be official but must contain a complete record with your name and your school's name clearly visible.) - 2 letters of recommendation 	https://www.cancer.northwestern.edu/research/education-training/summer-research/cure.html
Herman B. Wells Center for Pediatric Research Summer Student Internship	Indianapolis, Indiana	<p>The Pediatric Research Summer Student Internship is an eight-week program that offers participants the opportunity to engage in expert research. This is an excellent opportunity for undergraduate and graduate students to gain hands-on experience in biomedical sciences. The program's long-term goal is to increase the number of those choosing a career in pediatric health research.</p>	<p>Applicants must be at least 18 years old and must be a U.S. citizen or a permanent resident.</p>	<ul style="list-style-type: none"> - Online application materials 	https://medicine.iu.edu/research-centers/pediatrics/education/internships
George Washington Carver Summer Research Internship Program	Ames, Iowa	<p>The internship program further seeks to bridge the gap between lack of access to technology/information and opportunities to engage in experiential learning in an effort to increase the participation of students of color in STEM fields. In addition to their research experience, interns participate in weekly educational seminars, and social and cultural activities.</p>	<ul style="list-style-type: none"> - U.S. citizens or permanent residents - 3.0 or above GPA 	<ul style="list-style-type: none"> - Two letters of recommendation - Official Transcript 	https://www.diversity.cals.iastate.edu/george-washington-carver-internship-program

ISU Biological Materials and Processes Experience for Undergraduates (BioMaP REU)	Ames, Iowa	The program creates novel research experiences for undergrad students from around the country in the areas of biological materials and processes. Students are active members of interdisciplinary groups and interact with faculty, post-doctoral researchers, graduate students and industry. Students may also participate in cohort experiences such as joint seminars and meetings.	This opportunity is open to U.S. citizens and permanent residents.	- Online application materials	https://www.cbe.iastate.edu/research/undergraduate-research/
Iowa Summer Institute in Biostatistics (ISIB) Program at the University of Iowa College of Public Health	Iowa City, Iowa	The objective of the Iowa Summer Institute in Biostatistics is to provide biostatistical research education and applied research opportunities to undergraduates. The Iowa Summer Institute in Biostatistics (ISIB), in its 13th year, is funded by the National Institute of Health (NIH) and the National Heart Lung and Blood Institute (NHLBI). The ISIB is a seven-week program. The structure of the program is through case based instruction of real biomedical research, computer laboratory training, research projects, and clinical and translational research enrichment activities.	Rising sophomore, junior and senior undergraduates and beginning graduate students who are U.S. citizens or permanent residents are eligible to apply for the Iowa Summer Institute in Biostatistics. Priority admission will be given to disadvantaged students and to students from small liberal arts colleges which do not offer substantial coursework in statistics or biostatistics.	- Resume/CV - One reference - Personal statement - Transcript	https://www.public-health.uiowa.edu/about-isib/
University of Louisville Undergraduate Summer Program in Cardiovascular Research for those from Under-Represented or Under-Served Populations	Louisville, Kentucky	The primary objective of this program is to expose undergraduate students from under-represented and under-served populations to cardiovascular research at the University of Louisville. The program is supported by a NIH Short-Term Training Grant from the National Heart Blood and Lung Institute. Students are recruited from Kentucky universities and colleges as well as others attending schools outside of Kentucky. At least eight summer research fellowships will be awarded each year.	The program is directed towards students who have completed at least their sophomore year of undergraduate education.	- Student transcripts - A letter stating the student's interest in research - A letter of support from a faculty member/advisor at your institution	https://louisville.edu/medicine/department-s/physiology/summer-cardiovascular-program-information
Louisiana State Health Sciences Center. Shreveport Department of Pharmacology, Toxicology and Neuroscience Summer Undergraduate Pharmacology Experience in Research Program (SUPER)	Shreveport, Louisiana	The Department of Pharmacology, Toxicology and Neuroscience offers an eight-week summer research program for domestic undergraduate students who are interested in pursuing a career in pharmacology. Students participate in laboratory research experiments and attend weekly lectures on topics that will help prepare them for success in research-intensive doctoral programs. The SUPER Program is funded by the ASPET/SURF, Society of Toxicology, LSU Health Shreveport Foundation and the Department of Pharmacology, Toxicology, and Neuroscience.	All applicants must be citizens or Permanent Residents of the United States.	- Unofficial college transcript - Brief Personal Statement of why you would like to participate in this internship program - One letter of recommendation	https://www.lsuhs.edu/departments/school-of-graduate-studies/pharmacology-toxicology-and-neuroscience/research/super
Maine Medical Center Research Institute's Summer Student Research Program (SSRP)	Scarborough, Maine	During the summer months MaineHealth Institute for Research (MHIR) provides undergraduates with an opportunity to receive an educational experience in biomedical science through the MHIR Summer Student Research Program. Research at MHIR covers a broad area in biomedical science including vascular biology, stem cell biology, developmental biology, neurobiology, hematology, nephrology, tumor biology, and molecular genetics as well as outcomes research, vector-borne diseases, and clinical research. The Summer Student program is ten weeks in duration, and students work 40 hours per week. Students are responsible for their own transportation and housing.	- Graduating high school senior through graduating college senior, postbac, or community college student 3.0+ GPA - Eligible to be employed in the US. - Cannot have participated in the MaineHealth Summer Research Internship in prior years	- Three references - Resume	https://mmcri.org/?page_id=505
Substance Abuse and Mental Health Services Administration's (SAMHSA) Internship Program	Rockville, Maryland	Interns gain practical experience through projects, special assignments, or research that support federal, state, and community-based programs, policies, and best practices in the prevention and treatment of substance misuse and mental illness. Students selected as SAMHSA interns will use their specific skills and knowledge while experiencing the value of their education. For fifteen weeks (40 hours per week), at the SAMHSA headquarters in Rockville, Maryland, each intern will be able to work under the guidance of a SAMHSA manager in a SAMHSA department whose function closely matches their course of study and field of interest.	- Have completed their freshman year of college before the internship begins. - Have a minimum GPA of 3.0 on a 4.0 scale. - Be able to work full-time (40 hours per week) for the duration of the internship. - Be fully vaccinated against COVID-19. - Have a confirmed interest in working with SAMHSA. - Reside within the United States throughout the entire duration of the internship (if virtual). - Have completed the background check before the start of the internship	- Resume - Statement of interest - Transcript	https://www.samhsa.gov/about-us/jobs-internships/internships
Johns Hopkins Medicine Summer Internship Program	Baltimore, Maryland	The Summer Internship Program (SIP) provides experience in biomedical and/or public health research to students from a variety of backgrounds - including students from racial/ethnic groups underrepresented in science and medicine, students from low-income/underserved backgrounds, and students with disabilities. The program provides research exposure for those interested in potential careers in science, medicine and public health.	There are 11 distinct research opportunities available under the SIP umbrella. Each division of the Summer Internship Program is administered separately and may support different stipend levels, with some additional tailoring of program content to fit each division's focus. You may apply to up to three divisions. Each division has its own eligibility requirements.	- Two letters of recommendation (faculty and/or research mentors preferred) - Transcripts for each undergraduate institution attended (transcripts can be unofficial) - Current CV or resume - Personal statement	https://www.hopkinsmedicine.org/som/pathway/sip.html

Harvard Summer Research Program in Kidney Medicine	Boston, Massachusetts	The Harvard Summer Research Program in Kidney Medicine (HSRPM) offers a robust and varied introduction to the world of kidney medicine (nephrology) for undergraduate college students considering a career in science or medicine and particularly suited for students who are interested in pursuing a PhD or MD PhD. The program is an intensive research experience and students are encouraged to become immersed in their project by reading about the focus of the laboratory and participating in meetings and events hosted by the laboratory.	<ul style="list-style-type: none"> - GPA 3.4 or higher - Currently enrolled in undergraduate degree seeking program - Must be a US citizen or Permanent Resident (Green Card holder) - Must be committed to entire 8+ week program (approximately June 1-August 7) - Research experience required 	<ul style="list-style-type: none"> - Resume - Personal Statement - Official Transcript - Letters of recommendation (one from laboratory and one from science faculty member) - Proof of US citizenship (US passport or Permanent Residency cards) 	https://hskp.bwh.harvard.edu/
Broad Summer Research Program	Boston, Massachusetts	The Broad Summer Research Program (BSRP) is an intensive nine-week summer research opportunity designed for undergraduates with a commitment to biomedical research and an interest in genomics. BSRP has a strong record of success in helping students to nurture their passion for research and succeed in graduate school and scientific careers. Students spend the summer performing original computational or experimental-based research in labs across the Broad's research areas, from cancer to infectious disease to computational biology. At the program's conclusion, students deliver oral and poster presentations on their research projects.	<p>Applicants must meet the following criteria:</p> <ul style="list-style-type: none"> - Have a strong interest in pursuing graduate school (Ph.D. or M.D.-Ph.D.) - Be enrolled in a four-year college for Fall 2022, with a graduation date of December 2022 or later - Be majoring in physical, biological, or computer sciences, engineering, or mathematics - Have a minimum 3.2 GPA (4.0 scale) - Be a US citizen or permanent resident - No previous research experience is required, but applicants must demonstrate a strong interest in biomedical research 	<ul style="list-style-type: none"> - Unofficial transcript(s) - Curriculum vitae (CV) or resume - Short essay responses - Two letters of recommendation 	https://www.broadinstitute.org/bsrp/broad-summer-research-program-bsrp
Boston University Bioinformatics Research and Interdisciplinary Training Experience	Boston, Massachusetts	The BRITE REU at BU Bioinformatics (Bioinformatics Research and Interdisciplinary Training Experience) focuses on computational and mathematical fundamentals of bioinformatics analysis through research projects in a broad range of topics, including gene regulatory networks, metabolic networks, analysis of microbial communities, synthetic biology, enzyme structure and function, machine learning methods for cancer subtype classification, and sequence analysis algorithms for identifying genetic variation.	NSF REU participants must be citizens or permanent residents of the United States or its possessions and rising juniors or seniors enrolled in a degree program (part-time or full-time) leading to a baccalaureate or associate degree. Applicants should have an interest in Biological research and some quantitative training in Computer Science, Mathematics, Physics, or a closely related field. Women, minorities, students with disabilities, veterans, and those in schools with limited research opportunities are STRONGLY encouraged to apply.	<ul style="list-style-type: none"> - An unofficial undergraduate transcript - One letter of recommendation from a faculty member who can discuss your potential to successfully complete a bioinformatics research project - a resume - A Personal Statement (two pages max) 	https://sites.bu.edu/britereu/
Boston University School of Medicine Summer Training as Research Scholars (STaRS)	Boston, Massachusetts	STaRS is a dynamic program that is designed to promote more equitable access to graduate education for students historically underrepresented in science and medicine. STaRS provides scholars with the opportunity to participate in research and enhances the skills required for successful entrance and completion of a graduate program or an MD/PhD program in the biomedical sciences.	<ul style="list-style-type: none"> - Be a U.S. citizen or permanent resident. - Be a rising junior or rising senior at the start of Summer 2023 and currently enrolled in a degree program, part-time or full-time, leading to a Bachelor's degree. - Have a cumulative GPA of at least 3.0 on a 4.0 scale. - Have an interest in biological research - Have some prior research experience 	<p>While completing the application you will be asked for:</p> <ul style="list-style-type: none"> - Demographic information - Why you consider yourself to be from a group underrepresented in biomedical sciences - Degree program, graduation and GPA - An electronic copy of your transcript (Note: unofficial is OK). - A resume - A Personal Statement of no more than 4000 characters (approximately 600 words), - Research interests - Contact information for 2 references 	https://www.bumc.bu.edu/gms/dei/undergraduate-summer-and-youth-programs/stars/
Massachusetts General Hospital Center for Diversity and Inclusion Summer Research Trainee Program	Boston, Massachusetts	Students are selected from a nationwide competition to participate in SRTP. Each student is assigned to a specific laboratory, clinical site, health policy, or health services research area where they undertake an original research project under the mentorship and guidance of a Mass General investigator. Assignments are carefully considered and are made with the student's research and career interests in mind. In addition to this unique research experience, students will gain knowledge through weekly seminars at MGH, attend career development workshops and networking events, and have opportunities for clinical shadowing.	<ul style="list-style-type: none"> - Interest in pursuing a career in academic medicine or biomedical research - Member of a group that is underrepresented in medicine (UIM)* - Undergraduate junior or senior; rising first-year medical student; first-year medical student; graduate-school student; or post-baccalaureate student - Attended/attending a college, graduate school or medical school in the U.S. and Puerto Rico - US citizens or permanent residents 	<ul style="list-style-type: none"> - Personal Statement - Resume or CV - Professional Photo - Two Letters of Recommendation written specifically for the program - All unofficial transcripts and official transcripts from college, graduate, and/or medical schools attend(ed); both unofficial and official are required due to operations protocol 	https://www.massgeneral.org/cdi/programs/students/programs/summer-trainee-program-srtp
University of Massachusetts Medical School Undergraduate Research Program	Worcester, Massachusetts	The UMass Chan Medical School Summer Undergraduate Research Opportunity is a non-credit, ten-week, structured research experience. The program consists of "hands-on" laboratory research experience with an investigator serving as a mentor, role model and advisor. The program is designed to provide participants in-depth exposure to actual bio medical research. Participants will create career-building connections between researchers, post docs, graduate students, and peers. The program encourages participants to consider biomedical research as a viable career choice.	All participants must be at least eighteen years old, matriculating and a U.S. citizen or permanent resident to apply, GPA/must be in good academic standing. Participants cannot be receiving funding from any other sources during the program. Participants MUST have proof of health insurance coverage prior to acceptance to the program.	<ul style="list-style-type: none"> - A current resume - Copy of a current unofficial transcript - Copy of previous undergraduate institution transcripts - A Personal Statement (1-2 pages describing personal background interest & why you would like to be part of this program) - Two (2) letters of recommendation 	https://www.umassmed.edu/gsbs/outreach/programs/summer-undergraduate-research-program/application/

Boston University Summer Undergraduate Research Fellowship (SURF)	Boston, Massachusetts	The Summer Undergraduate Research Fellowship (SURF) Program at Boston University is designed to promote access to graduate education for talented undergraduate students, especially those from minority groups, traditionally underrepresented in the sciences – African-American, Hispanic, Native American/Native Alaskan, and Pacific Islander/Native Hawaiian/Polynesian – or persons living with disabilities. The SURF Program is supported by funds from the National Science Foundation (NSF-REU) and Boston University.	The SURF Program is open to non-BU students who are rising juniors or rising seniors, and wish to conduct research in the sciences or technology fields.	<ul style="list-style-type: none"> - Transcripts - Two letters of recommendation 	https://www.bu.edu/surf/
Brigham and Women's Hospital Summer Training in Academic Research and Scholarship (STARS)	Boston, Massachusetts	The Summer Training in Academic Research and Scholarship (STARS) Program is a distinguished summer research opportunity at Brigham and Women's Hospital for underrepresented in medicine (URiM)* undergraduate rising juniors and seniors, and first-year medical students with a strong interest in pursuing advanced careers as research scientists, physicians and/or health care professionals. The program recruits students from around the US into an eight-week mentored summer program. Students participate in intensive hands-on training in research methods and practice directly in the labs of Brigham and Women's Hospital and Harvard Medical School's leading researchers.	For underrepresented in medicine (URiM)* undergraduate rising juniors and seniors.	<ul style="list-style-type: none"> - Two letters of recommendation - Personal statement - Transcript 	https://cdi.brighamandwomens.org/bwh-stars-program/
Harvard Medical School Four Directions Summer Research Program (FDSRP)	Boston, Massachusetts	The Four Directions Summer Research Program (FDSRP) is a unique summer research opportunity at Harvard Medical School (HMS) and Brigham and Women's Hospital (BWH) for undergraduate rising sophomores, juniors and seniors with a commitment to the health of Native American communities. Students engage in a basic science research project under the direction of a Harvard Medical School Faculty Mentor. Additional activities include clinical shadowing, career development seminars, weekly Talking Circles, networking events and more. Upon completion of the program, students leave BWH and HMS with new skills, experiences and knowledge that can be used to empower themselves, their communities and future generations of Native peoples from all Four Directions.	Anyone with a demonstrated commitment to the health of Native American communities is welcome to apply to our program. However, we strongly encourage Native American/Alaskan Native students to apply.	<ul style="list-style-type: none"> - Answers to essay questions - Two letters of recommendation 	https://cdi.brighamandwomens.org/four-directions-summer-research-program/
Harvard Summer Internships in Biological Sciences in Public Health	Boston, Massachusetts	This intensive 8 week laboratory-based biological research program is for undergraduates during the summer following their sophomore or junior years. Up to 10 internships are awarded by a competitive process. The internship culminates with a Poster Session during the final week where the interns present data in regards to the project they have been working on during the summer.	<ul style="list-style-type: none"> - Applicants must be U.S. citizens, U.S. nationals, or permanent residents of the U.S. - Applicants must be from an underrepresented group in graduate research - Applicants must be undergraduate students in their sophomore or junior years when applying - Applicants must have a GPA of 3.0 or above - Applicants must have a basic science background and have taken several classes beyond intro level courses - Applicants must have a demonstrated interest in public health, specifically laboratory research 	<ul style="list-style-type: none"> - Two letters of recommendation - Transcript 	https://www.hsph.harvard.edu/biological-sciences/undergraduate-summer-internship-program/
Harvard Summer Program in Biostatistics & Computational Biology	Boston, Massachusetts	The Summer Program in Biostatistics & Computational Biology offers diverse undergraduate students a unique opportunity to learn about the use of quantitative methods for biological, environmental, and medical research alongside Harvard faculty, researchers, and graduate students.	<ul style="list-style-type: none"> - Be a U.S. citizen or permanent resident (proof of permanent residency must be provided). - Carry health insurance during the 6 weeks of the Summer Program. No exceptions. - Individuals from racial and ethnic groups that have been shown by the National Science Foundation to be underrepresented in health-related sciences on a national basis. 	<ul style="list-style-type: none"> - Resume - Two letters of recommendation - Personal statement - Transcript 	https://www.hsph.harvard.edu/biostatistics/diversity/summer-program/
Harvard Systems Biology Internship Program	Boston, Massachusetts	The Undergraduate Summer Internship is our headline program for bringing new minds into our scientific community. Each year, we recruit a vibrant cohort of undergraduates with a passion for science and a curiosity about what doing a PhD or MD/PhD might look like. Interns work in labs at Harvard's Quantitative Biology Initiative and the Department of Systems Biology at Harvard Medical School for 9 weeks. Interns learn together as a cohort through interactive journal clubs and workshops, and participate in Harvard seminars and activities.	While we welcome different years, majors, and backgrounds, there are 3 hard requirements: candidates must be: (a) US citizens or permanent residents, (b) currently enrolled full-time in good standing at an accredited public or private college or university in the United States or a US territory, and (c) 18 years or older by the start of the program.	<ul style="list-style-type: none"> - Resume/CV - Two letters of recommendation - Essay responses - Transcript 	https://sysbio.med.harvard.edu/summer-internships

Harvard Summer Honors Undergraduate Research Program (SHURP)	Boston, Massachusetts	SHURP is a ten-week summer program offered by the Division of Medical Sciences at Harvard Medical School and the Graduate School of Arts and Sciences. It seeks to provide underrepresented minority college students an opportunity to gain training and mentorship in scientific research.	<ul style="list-style-type: none"> - Be currently enrolled full-time in an accredited public or private college or university in the United States or its territories, as recognized by the U.S. Department of Education. - Be in good academic standing with a GPA of 3.0 or better. - Are considering careers in biological or biomedical research sciences. - Have already had at least one summer (or equivalent term-time) of experience in a research laboratory. - Have taken at least one upper-level biology course that includes molecular biology. - Are U.S. citizens or permanent residents (due to requirements of our federal funding). 	<ul style="list-style-type: none"> - A strong statement explaining your goals, research interest and experience and why you want to participate in SHURP (no more than 1,000 words) - Two strong letters of recommendation that say something about your work in the lab and in the classroom - Unofficial transcript(s) in PDF format 	https://shurp.hms.harvard.edu/
Massachusetts General Hospital Summer Research Trainee Program (SRTP)	Boston, Massachusetts	Students are selected from a nationwide competition to participate in SRTP. Each student is assigned to a specific laboratory, clinical site, health policy, or health services research area where they undertake an original research project under the mentorship and guidance of a Mass General investigator. Assignments are carefully considered and are made with the student's research and career interests in mind. In addition to this unique research experience, students will gain knowledge through weekly seminars at MGH, attend career development workshops and networking events, and have opportunities for clinical shadowing.	<ul style="list-style-type: none"> - Interest in pursuing a career in academic medicine or biomedical research - Member of a group that is underrepresented in medicine (UiM)* - Undergraduate junior or senior; rising first-year medical student; first-year medical student; graduate-school student; or post-baccalaureate student - Attended/attending a college, graduate school or medical school in the U.S. and Puerto Rico - US citizens or permanent residents 	<ul style="list-style-type: none"> - Personal Statement - Resume or CV - Professional Photo - Two Letters of Recommendation written specifically for the program - All unofficial transcripts and official transcripts from college, graduate, and/or medical schools attend(ed); both unofficial and official are required due to operations protocol 	https://www.massgeneral.org/cdi/programs/students/summer-research-trainee-program-srtp
MIT Summer Research Program in the fields of Biological Science (MSRP Bio)	Cambridge, Massachusetts	10-week research-intensive summer training program to advanced non-MIT sophomore and junior science majors who have an interest in a research career.	<ul style="list-style-type: none"> - Full-time students at a U.S. university or college - Current sophomores, juniors, or non-graduating seniors - Minimum GPA of 3.5 in all STEM courses - Demonstrated interest in basic research and in a career in the sciences - Prior research experience - Available to begin first week of June 	<ul style="list-style-type: none"> - Online application form and CV - 1-page Personal Statement - Unofficial college transcript (submitted electronically) - Three letters of reference from science faculty 	https://biology.mit.edu/outreach/msrp/
Boston University Summer Institute for Training in Biostatistics (SIBS)	Boston, Massachusetts	Come learn about the vibrant field of Biostatistics! If you are an undergraduate with an interest in mathematics, statistics, biology, or health sciences and would like to learn how to apply methods to investigate important health issues, come join us for our highly successful Summer Institute in Biostatistics program.	Current undergraduate students and recent graduates majoring in mathematics, science or other quantitatively oriented areas of study are eligible. Applicants must be American citizens or permanent residents of the United States.	<ul style="list-style-type: none"> - Two letters of reference - Personal statement - Official Transcript 	http://www.bu.edu/sph/about/department/s/biostatistics/summer-institute-for-training-in-biostatistics/
Department of Biology at Northeastern University has a Summer Research Experience for Undergraduates Program	Boston, Massachusetts	Spend the summer in the heart of Boston living with a small cohort of like-minded undergraduate students learning about and doing exciting research. Ten students will be selected to participate in Lab research for ten weeks, from the end of May to beginning of August. This summer program immerses students in the world of research science, exposing them to various aspects of scientific investigation and preparing them for biologic science careers via workshops, lectures, presentations, and field trips. The program culminates in a Summer Research Symposium, where students present their research.	<ul style="list-style-type: none"> - Undergraduate college students (rising sophomores through rising seniors, as of Summer of program) - US citizens or permanent residents only - Students majoring in biology, biochemistry, or other related disciplines - Strong interest in a career that involves scientific research - Women, first-generation college students, and students from groups underrepresented in the sciences are encouraged to apply - Active and prior service US military personnel are encouraged to apply - Preference will be given to students from institutions lacking doctoral research programs 	<ul style="list-style-type: none"> - Two letters of recommendation - Personal statement - Unofficial Transcript 	https://cos.northeastern.edu/biology/biology-summer-research/
University of Michigan Future Public Health Leaders Program	Ann Arbor, Michigan	The University of Michigan Future Public Health Leaders Program (Michigan FPHLP) is a 10-week residential program at the University of Michigan School of Public Health (Michigan Public Health) designed to encourage underrepresented college students to consider careers in public health. Participants receive leadership training, orientation to the public health disciplines, and real-world work experience. Students are not required to have previous experience in public health. The program is meant to foster knowledge of, excitement about, and commitment to health equity. The program includes public health and career mentorship, hands-on and practical field experience, seminars, lectures and workshops with public health leaders.	<ul style="list-style-type: none"> - Students who have completed at least two years (or equivalent) of undergraduate study from an accredited college or university in the U. S., Puerto Rico, or other U.S. territory - Recent college graduates (Fall/Winter 2021 or Spring 2022) who have not been accepted into a graduate program (including medical school) also qualify - U.S. Citizen, Permanent Resident or U.S. National - African American, American Indian/Alaska Native, Asian American, Hispanic/Latino, Middle Eastern, Native Hawaiian/Pacific Islander, persons with disabilities, individuals from rural communities and economically disadvantaged individuals are strongly encouraged to apply - Minimum 2.7 GPA (good academic standing) is recommended 	<ul style="list-style-type: none"> - Resume - Transcript - Three Essays - Two letters of recommendation 	https://sph.umich.edu/fphlp/
University of Michigan Frankel Cardiovascular Center Summer Fellowship Program	Ann Arbor, Michigan	The University of Michigan Frankel Cardiovascular Center is pleased to offer a 10-week summer undergraduate research fellowship to support undergraduate students interested in basic cardiovascular research. Each fellow will be matched to a laboratory led by a F-CVC faculty member and participate in nationally recognized research in areas such as atherosclerosis, genetic cardiomyopathies, blood clotting disorders, cardiac arrhythmias, vascular biology, and heart failure.	All students currently enrolled in an undergraduate college or university, including graduating seniors, are eligible to apply, however, if you already received a post graduate degree or are in the post-graduate program, you are not eligible. Additionally, applicants must be able to legally work in the United States and be able to complete a background screening and drug testing upon acceptance into the program.	<ul style="list-style-type: none"> - Personal statement - Two letters of recommendation - Transcript(s) 	https://sites.google.com/site/cvsummerfellowship/home

University of Michigan UM-SMART Undergrad Summer Program	Ann Arbor, Michigan	UM-SMART is designed for undergraduate students who have an interest in obtaining a combined MD/PhD degree leading to a career in academic medicine as a physician-scientist performing basic research relevant to human health and disease. As a UM-SMART summer research fellow, students work full-time in a basic research laboratory under the mentorship of a research faculty member.	<ul style="list-style-type: none"> - Be a current undergraduate student - Be a US citizen or permanent resident of the United States. - Have completed a physiology, biology, biochemistry or organic chemistry course, preferably with lab. - Have at least 50 hours of experience in a research lab. (This is in addition to completing a lab associated with a science course.) This requirement was recently updated to reflect student concerns related to shortened lab experience due to COVID-19 restrictions. - Maintain a 3.2 cumulative grade point average or above. - Show proof of health insurance. 	<ul style="list-style-type: none"> - Submit two letters of recommendation, one of which must be from a research mentor or the instructor of a laboratory course. 	https://medicine.umich.edu/medschool/education/md-phd-program/um-smart-undergrad-summer-program
Wayne State University School of Medicine Summer Research Programs	Detroit, Michigan	Each year, SURP students will conduct research in the laboratories of CMMG faculty members and attend weekly SURP/SURE research seminars. In early August, SURP students present the results from their summer projects to mentors, peers and other Wayne State University research faculty at a Minisymposium.	<ul style="list-style-type: none"> - Sophomore and junior undergraduate students 	<ul style="list-style-type: none"> - Two letters of recommendation - Personal Statement - Transcript 	https://www.genetics.wayne.edu/education/summer-undergraduate-research-program
University of Minnesota Summer Lando/NSF REU	Minneapolis, Minnesota	Our Summer Lando/NSF REU is for outstanding national and international undergraduate students. It is designed to encourage students in the chemical sciences to learn more about research in chemistry, and provide them with the opportunity to work in a lab under the direction of a faculty member. We offer a variety of professional and social events for participants throughout the summer.	Applications accepted from students in their sophomore or junior years of undergraduate study in chemistry or closely related fields. This is an international competition. The Lando/NSF REU is open to all students outside the University of Minnesota.	<ul style="list-style-type: none"> - Recommendation letters - Transcripts 	https://cse.umn.edu/chem/lando
University of Minnesota Life Sciences Summer Undergraduate Research Program (LSSURP)	Minneapolis, Minnesota	The objectives of the programs are to help increase the number of undergraduates who earn graduate or professional degrees in life sciences disciplines, diversity of professionals working in life sciences fields in business, industry, government, and academia, and diversity of the graduate student population in life sciences disciplines at the University of Minnesota. To accomplish these objectives, highly capable undergraduate students are selected to participate in a ten-week intensive research project under the direction of a University of Minnesota faculty mentor.	<ul style="list-style-type: none"> - Applicant must be a U.S. citizen or permanent resident - Must be an undergraduate student attending an accredited 2 or 4 year institution full time - Must be interested in pursuing a Ph.D. or M.D./Ph.D. in the Life Sciences - Applicant must be able to commit full time to our program. All students are required to attend every day of the program and to work for a full 8-hourday. You will not be allowed to take time off during the work week for family vacations, classes, part-time jobs, or other appointments. - We strongly encourage students whose backgrounds encompass diversity to apply 	The online application has 8 sections including demographics, academic, placement preferences, faculty recommendations, a Personal Statement, a biographical sketch, a diversity statement, and a place to upload an unofficial transcript.	https://med.umn.edu/education-training/graduate-programs/life-sciences-summer-undergraduate-research-program-lssurp
Minneapolis Heart Institute Foundation Clinical Research Internship	Minneapolis, Minnesota	The Minneapolis Heart Institute Foundation® (MHIF) offers one of the most outstanding and unique internship opportunities available to undergraduates who are pre-med or planning a career in medicine. The goal of the research internship program is to develop and empower the next generation of cardiovascular health professionals by offering a robust research experience in the field of cardiology. During this unique educational experience, the research intern is paired with a physician mentor who is actively engaged as a clinician and researcher at a nationally recognized hospital. At the conclusion of the program, the interns will showcase their research work at an open house and poster session. Many projects result in the intern having the opportunity to be an author on an article published in a national scientific journal. Some interns also have the opportunity to present their work at a national cardiovascular conference.	<ul style="list-style-type: none"> - Undergraduate or recent graduate from a four-year college. Preference will be given to those who have completed their junior year by the start of the research internship. Strong applicants who have completed their sophomore year or just graduated from college may also be considered. - Must be enrolled in an accredited degree program. - GPA of 3.60 or above. - Applicants must be US citizens or have Permanent Resident status (be able to provide proof of employability through completion of the I-9 Form). - Must be able to complete 8-12 hours of independent, online CITI training (basic training required to participate in human subjects/clinical research) by April 30. - Available to participate full-time (at least 40 hours per week) during the internship period. 	<ul style="list-style-type: none"> - Personal motivation statement (3,500 characters including spaces). - One-page resume (save as PDF or Word doc with file name First Name_Last Name). 	https://mplsheart.org/health-care-professionals/clinical-research-internship-program/
Lillehei Heart Institute Summer Research Scholars Program	Minneapolis, Minnesota	The Lillehei Heart Institute offers annual summer research scholarships in basic science research related to cardiovascular disease. These highly competitive, prestigious scholarships are designed to expose highly qualified students to several disciplines within cardiovascular disease research and its clinical applications. Each scholar will be supported by a research scholarship. The major focus will be intensive basic or clinical research as each scholar will be assigned a laboratory and a faculty mentor. In addition, scholars will be introduced to clinical, industrial, and academic medicine through a variety of field trips, seminars and hands on experiences.	Undergraduate students must be enrolled in an accredited degree program in a health care related field.	<ul style="list-style-type: none"> - Resume that includes standardized test scores used for college applications - Copy of school transcript (official or unofficial) - 2 letters of faculty recommendation (more info below) - Statement of interest in the LHI SRSP (paragraph) - Brief statement of short term and long term goals 	https://med.umn.edu/lhi/educational-programs/summer-research-scholars-program

Mayo Graduate School College of Medicine Summer Undergraduate Research Fellowship (SURF)	Rochester, Minnesota	The Mayo Clinic SURF Program has helped thousands of undergraduate students explore their interests in research. As a summer fellow, you will be immersed in research opportunities. You'll gain valuable experience in the lab and work closely with your mentor on a research project designed specifically for summer students.	<ul style="list-style-type: none"> - Are currently an undergraduate student and have completed two or three years (a rising junior or senior) at a U.S. college or university at the time the SURF program begins - Have a grade point average of at least 3.0 (4.0 scale) - Are seriously considering a biomedical research career as a Ph.D. or M.D.-Ph.D. 	<ul style="list-style-type: none"> - Personal statement to include a one to two page description of your career goals, and the steps you have already taken to achieve those goals. - Unofficial transcripts of courses from all colleges or universities attended may be uploaded in the Supplemental Items area for application purposes. An official transcript is preferred. - Two letters of recommendation (including letters from research mentors) are required. 	https://college.mayo.edu/academics/biomedical-research-training/summer-undergraduate-research-fellowship-surf/
University of Mississippi Summer Undergraduate Research Experience (SURE)	Jackson, Mississippi	The Summer Undergraduate Research Experience (SURE) is a summer internship program designed to train undergraduate students in biomedical science research. During the 10 week program, selected participants are assigned a mentor, placed in a laboratory, and are provided a hands-on opportunity to train and learn more about our degree programs in the School of Graduate Studies in the Health Sciences.	All undergraduates, up to rising seniors, are eligible to apply.	<ul style="list-style-type: none"> - Names and valid e-mail addresses for two faculty recommendations - Scanned copy of current unofficial transcripts 	https://www.umd.edu/graduateschool/SURE/SURE_Overview.html
WUSTL ENDURE Program	Saint Louis, Missouri	The Washington University in St. Louis (WUSTL) ENDURE research program prepares undergraduates from diverse backgrounds for neuroscience PhD programs. We combine outstanding research training, a rigorous curriculum and an empowering support system so participants thrive on their path to graduate school and beyond. With support from the NIH Blueprint ENDURE Initiative and Washington University, accepted students are funded for up to two years and trips to the annual Society for Neuroscience meeting. Overall, the program embeds students in a network of neuroscientists and enhances the success of trainees towards our goal of increasing diversity in neuroscience.	Students are strong candidates for the program if they are: <ul style="list-style-type: none"> - Interested in research and pursuing a PhD or MD/PhD in a neuroscience-related field. - Enrolled full-time in a baccalaureate degree program. - A US citizen or not. Generous support from the NINDS ENDURE program is dedicated for eligible US citizens and permanent residents. Additional support from WU enables us to proudly support students from any nation. - From an underrepresented group (e.g. racial and ethnic minorities, students with disabilities, individuals from low income households and first-generation college students). 	<ul style="list-style-type: none"> - Personal and educational profile questions within the online application. - Personal statement outlining your research experience (if applicable), what makes you an outstanding candidate for the program and how participation will assist your career goals. - Transcripts for each post-secondary institution you have attended. Official and unofficial transcripts are acceptable. Documents must include Fall 2021 grades. - Two letters of recommendation: Supply contact information for your recommenders in the online application. They will be e-mailed instructions for uploading their letters. It is your responsibility to ensure they received this message. You can monitor the status of your letters via the application portal. 	http://endure.wustl.edu/
Stowers Summer Scholars Program	Kansas City, Missouri	Stowers Summer Scholars spend a minimum of 8-weeks over the summer conducting full-time research under the guidance and supervision of the laboratory head or a senior member of the lab. All Scholars are required to attend weekly scientific seminars on an array of research topics. Other activities include a weekly lunch where Scholars can share ideas and discuss individual projects and experiments. At the completion of the program, Scholars present their work in an all-Institute poster session.	<ul style="list-style-type: none"> - Full-time availability during the entire program dates - Completed one year of undergraduate studies by the start of the program - 18 years of age or older prior to the program start date - Enrolled in or just graduated from a degree-granting program in biology, biochemistry, molecular biology, genetics, chemistry, physics, computing, engineering, mathematics, or a related field 	<ul style="list-style-type: none"> - Previous laboratory experience essay (including school projects) - Statement of interest in Stowers research laboratories - Personal statement (optional) - Unofficial transcript(s) uploaded to the application - Two letters of recommendation to be sent through the GradCAS portal 	https://www.stowers.org/gradschool/scholars
University of Nebraska Undergraduate Summer Research Program	Lincoln, Nebraska	The Nebraska Summer Research Program is a consortium of NSF funded Research Experiences for Undergraduates (REU) and other summer research opportunities programs (SROP). One unique feature of the Nebraska Summer Research Program is the partnership between the REU and SROP programs and the Office of Graduate Studies. Students benefit in having a community of scholars in which to learn and to share research with. This intensive summer research experience provides mentoring and research experiences while allowing scholars to preview graduate school life. Students with a strong interest in graduate programs are particularly encouraged to apply, as are those from populations traditionally underrepresented in graduate education.	We do accept applications from freshmen, although preference is given to students who are currently juniors and seniors with at least one semester of remaining undergraduate coursework, those who have completed advanced coursework relating to the research area, and those with interest in pursuing an advanced degree.	<ul style="list-style-type: none"> - Resume - Two letters of recommendation - Transcript(s) 	https://www.unl.edu/summerprogram/
Dartmouth MD-PhD Undergraduate Summer (MPUS) Fellowship Program	Hanover, New Hampshire	During the 8 weeks at Dartmouth, MPUS Fellows will be engaged in meaningful scientific research endeavors, direct exposure to clinical medicine, developing skills in scientific communication, participation in career planning, and enjoyment of social interactions.	<ul style="list-style-type: none"> - Science GPA at or greater than 3.3 (on a 4.0 scale). - Prior research experience not required but desirable. - Applicant must be a sophomore or junior at time of application. - Applicant must hold either US citizenship or permanent resident status. - Students affiliated with funded summer undergraduate research organizations for underrepresented ethnic minority students (i.e. MARC, U-Star, McNair, LSAMP) are especially encouraged to apply. - Fellows need to be available from the middle of June to the middle of August. Due to Dartmouth's term schedule, earlier start dates are not available. Start dates will be sent to accepted Fellows. 	<ul style="list-style-type: none"> - Online application materials 	https://geiselmed.dartmouth.edu/mpus/about/

Princeton Neuroscience Institute (PNI) Summer Internship Program	Princeton, New Jersey	PNI's program is for highly motivated visiting undergraduates who are interested in pursuing a graduate degree in neuroscience or a related field. PNI provides education and hands-on research experience and participants collaborate closely with students and faculty at PNI on original research projects and gain invaluable first-hand experience on what it is like to be a neuroscientist.	Who should apply?: - Current undergraduates who have a strong passion for scientific research and are seriously considering graduate studies in neuroscience. - Future researchers whose participation will add to the diversity of researchers in the sciences, or who are from institutions that do not have large research programs. - Visiting student applicants must be current undergraduates who are U.S. citizens or permanent residents.	- A Personal Statement - Transcript(s) of all undergraduate courses and grades, including the 2021 fall semester (submitted online). Transcripts should be sent as a .pdf, .doc, .docx, .jpg, or .html file. Please do not mail a hard copy of your transcript. - Two letters of recommendation from faculty members (submitted online by faculty recommenders - separate from the application form)	http://pni.princeton.edu/summer-programs/pni-summer-internship-program
Undergraduate Pipeline Network Summer Research Program (UPN)	Albuquerque, New Mexico	The Undergraduate Pipeline Network summer research experience seeks to cultivate students' interest in research while helping them attain skills needed to apply for and succeed in post-baccalaureate education. The program provides the opportunity for students to choose from several areas of research at the University of New Mexico's Health Sciences Center. The program period covers 10 weeks in the summer and scholars participate in the program a minimum of 40 hours per week.	- Have a minimum 3.0 GPA - Be an enrolled undergraduate at the time of the program and a graduation date no earlier than the December following the program - Currently attend a college or university in the United States - Be a US Citizen or Permanent Resident (green card holder)	- Transcripts - Academic Resume/CV - Personal Statement - Letter of recommendation	https://hsc.unm.edu/medicine/education/reo/undergraduate/upn/
NYU Langone Health Summer Undergraduate Research Program	New York, New York	At NYU Grossman School of Medicine, our Vilcek Institute of Graduate Biomedical Sciences offers qualified college students who have completed their sophomore or junior year the opportunity to participate in our Summer Undergraduate Research Program, also known as SURP. If you are interested in pursuing a PhD or MD/PhD in the biomedical sciences, our research internship program can provide you with an inside glimpse into life beyond your undergraduate studies.	The Summer Undergraduate Research Program application is open to U.S. citizens and permanent residents.	We select summer research interns on the basis of research experience; academic record; and letters of recommendation from faculty advisors, research supervisors, or both. It is very important that you demonstrate your commitment to a career in biomedical research.	https://med.nyu.edu/research/vilcek-institute-graduate-biomedical-sciences/summer-undergraduate-research-program
Gerstner Sloan Kettering Summer Undergraduate Research Program	New York, New York	Students in the program have the opportunity to obtain hands-on research experience in cutting-edge laboratories, interact with faculty, postdoctoral fellows, and graduate students, attend a weekly luncheon/seminar series of presentations by faculty, attend skills development workshops to hone presentation and interview skills, and attend and present at works-in-progress sessions with the cohort of SURP students.	We invite domestic and international undergraduate freshmen, sophomores, and juniors who are contemplating a career in biomedically related sciences to apply to the Summer Undergraduate Research Program (SURP). Applicants should have a minimum GPA of 3.0, have completed college-level general biology and/or introductory chemistry, have taken some advanced science courses, and have research experience.	- Admissions essay - Official Transcript - Two letters of recommendation	https://www.sloankettering.edu/gerstner/summer-undergraduate-research/overview
Icahn School of Medicine Research Program for Underrepresented Scholars (SURP4US)	New York, New York	SURP4US runs for ten weeks from June to August. It is a non-degree, non-credit undergraduate experience for juniors or seniors interested in pursuing careers as research scientists (future PhD and MD/PhD graduate applicants only).	- Self-identify as a member of a group underrepresented in graduate programs in biomedical sciences, including Blacks or African Americans, Hispanics or Latinos, American Indians or Alaska Natives, Native Hawaiians, and other Pacific Islanders. - Be currently enrolled in sophomore or junior year at a four-year undergraduate institution in the United States (including US territories). - Have a strong background in science, a passion for research, and a desire to pursue it professionally in a biomedical PhD or MD/PhD program.	- Official high school transcript - Official college transcript - Three letters of recommendation	https://icahn.mssm.edu/education/non-degree/surp4us
Weill Cornell Medicine Travelers Summer Research Fellowship Program	New York, New York	The Travelers Summer Research Fellowship Program is designed to give 25 premedical students meaningful insights into the field of medicine, with a focus on conditions that greatly affect the health of traditionally underserved populations. By engaging in laboratory or clinical research, under the supervision of a faculty member, the TSRF participants learn how to investigate a specific research question. Participants are thereby provided with a research training experience allowing them to acquire investigative techniques that can be later applied as they pursue their medical education.	- must be at least in their junior year of college - must be declared premed students who have completed two semesters of biology, general chemistry, organic chemistry, and one semester of physics. Preference is given to students with a grade point average of B or above - must have a demonstrated commitment to working on issues with underserved populations within the USA - must be from one or more of the following groups that are underrepresented in medicine: - Individuals from racial and ethnic groups shown to be underrepresented in biomedical research - Individuals from socioeconomically disadvantaged backgrounds - Individuals with disabilities (those with a physical or mental impairment that substantially limits one or more major life activities) - must be a U.S. Citizen or permanent resident	- Personal Statement - CV - Letters of recommendation	https://medicaleducation.weill.cornell.edu/medical-education/premedical-programs/travelers-summer-research-fellowship-program
Cold Springs Harbor Laboratory Undergraduate Research Program	Cold Spring Harbor, New York	The Undergraduate Research Program (URP) at CSHL provides an opportunity for undergraduate scientists from around the world to conduct first-rate research. Students learn the scientific process, technical methods and theoretical principles, and communicate their discoveries to other scientists. Approximately 20 students come to CSHL each summer for the 10-week program, living and working in the exciting Laboratory environment.	- Students of any nationality are eligible for the program. - Students should have a strong academic background in a science - Students must be returning to an undergraduate degree program following their URP summer research experience; current sophomores and juniors, or the equivalent, are eligible. Only in exceptional cases will first-year undergraduate students, with prior independent research experience, be considered. - Previous laboratory research experience will help your application but is not required.	- Two letters of recommendation - Personal statement	https://www.cshl.edu/education/undergraduate-research-program/#applying

Brooklyn College Intensive Mentored Research Experiences for Undergraduates (REU) in Psychology and Neuroscience	Brooklyn, New York	<p>The Brooklyn College Psychology and Neuroscience REU Program provides students the opportunity to immerse in rich and innovative mentored research experiences in clinical, cognitive, and behavioral neuroscience. The 15-week program aims to engage students in:</p> <ul style="list-style-type: none"> - comprehensive laboratory research - scholarly didactics - research ethics training - professional research dissemination 	<p>To be eligible, each student must fulfill the following requirements by the start of the REU program:</p> <ul style="list-style-type: none"> - be a U.S. citizen or non-citizen permanent resident - be enrolled as a full- or part-time student at a public college/university in the New York metropolitan area (including SUNY programs and institutions in New Jersey), leading to a baccalaureate or associate degree - have completed an introductory psychology course - have at least sophomore standing (i.e., completed 24 college credits), - have an overall GPA of 3.30 or higher (exceptions are possible) - have at least one semester of undergraduate school remaining before graduation (eligible applicants should not be a graduating senior), and - be able to arrange a class schedule so that only a maximum of two courses from his or her home institution are taken concurrently with the REU program 	<ul style="list-style-type: none"> - All official transcripts from all college-level institutions enrolled in to date - Two academic letters of reference - Résumé/Curriculum Vitae (uploaded into the application form) 	http://www.brooklyn.cuny.edu/web/academics/scholarships/natural/sciences/undergraduate/psychology/research/reu.php
Burke Neurological Institute Summer Science Program	White Plains, New York	<p>Burke Neurological Institute (BNI) invites undergraduate students interested in pursuing a career in biomedical sciences the opportunity to work first-hand on cutting-edge medical research projects through our Summer Science Program. Selected participants will be involved in conducting a laboratory based research project related to the repair and restoration of the brain and spine to help those living with chronic neurological issues caused by strokes, traumatic brain and spinal cord injuries, and neurological diseases such as Alzheimer's. Throughout the summer program, students will have considerable direct interaction with their faculty mentors and staff across the Institute.</p>	<ul style="list-style-type: none"> - Current enrollment in, and completion of at least one full academic year at, a U.S. college or university. - Completion of an introductory biology course. - Although not required, preference will be given to students who have also completed one semester of bench laboratory classes or equivalent experience. - A cumulative 3.4 G.P.A. or better (unless special circumstances can be provided). - 2 letters of recommendation from faculty able to accurately judge the applicant's abilities and motivations. - A transcript and resume in addition to the completed applicant form. 	<ul style="list-style-type: none"> - Undergraduate transcript (a student copy is acceptable) - Resume or C.V. - Two letters of recommendation (from faculty able to accurately evaluate your abilities and motivations) 	https://burke.weill.cornell.edu/future-talent/training-program/summer-science-program
Columbia University Lamont Summer Intern Program for Undergraduates	Palisades, New York	<p>The Lamont-Doherty summer intern programs offer undergraduates the chance to experience cutting-edge scientific research. During this experience, interns get to try on research science careers, achieve a level of comfort on a top-level research campus, and establish close personal relationships with mentors who are successful professional scientists. Students work in our lively interdisciplinary research and education communities and are individually mentored by at least one of our scientists over 10 weeks each summer.</p>	<p>The program is open to US citizens or permanent residents who have completed their junior or sophomore year in college or community college with majors in earth science, environmental science, chemistry, biology, physics, mathematics, or engineering. Neither graduating seniors nor international students are eligible for this internship. Minorities and women are encouraged to apply.</p>	<ul style="list-style-type: none"> - Resume - Top three choices for advisor 	https://lamont.columbia.edu/education-outreach/student-summer-opportunities-intern-programs/#!#cu_accordion_item-589
Brookhaven National Laboratory Science Undergraduate Laboratory Internship (SULI)	Upton, New York	<p>The SULI program provides interns the opportunity to work under the guidance of scientific and engineering staff on projects that are relevant to the DOE mission of ensuring America's security and prosperity by addressing its energy, environmental and nuclear challenges through transformative science and technology solutions.</p>	<ul style="list-style-type: none"> - Currently enrolled full-time at an accredited U.S. institution AND have completed at least one semester as an undergraduate (at the time of application) - Recent graduate from an undergraduate program - At least 18 years of age - Minimum GPA of 3.0 - U.S. citizen or lawful permanent resident (green card holder) - Active health insurance for the duration of the program 	<ul style="list-style-type: none"> - Undergraduate transcripts - Two letters of recommendation 	https://www.bnl.gov/education/programs/program.php?q=188
Columbia Summer Public Health Scholars Program	New York, New York	<p>The program is designed for undergraduates entering their junior or senior year and recent baccalaureate degree students who are undecided about their career goals. This is a rigorous program which includes Public Health coursework at Columbia University; hands-on field experience and immersion in a diverse, economically disadvantaged urban environment; seminars and lectures with public health leaders; and mentoring by faculty members, ensuring students' exposure to the breadth and importance of public health as a career option.</p>	<ul style="list-style-type: none"> - U.S. Citizen, Permanent Resident, or U.S. National - Students who will have completed at least two years of college at an accredited institution by the beginning of the program: Rising juniors and seniors - Minimum GPA of 2.7 - African American, Hispanic/Latino, Asian American, American Indian/Alaskan Native, Native Hawaiian, Pacific Islander, people with disabilities, economically disadvantaged, and LGBTQ individuals are encouraged to apply. 	<ul style="list-style-type: none"> - Letter of recommendation - to be submitted by an academic advisor or course instructor - Resume/CV - Unofficial Transcript(s) - to be submitted for any college/university attended 	https://www.vagelos.columbia.edu/education/academic-programs/additional-educational-opportunities/summer-youth-programs/college-post-baccalaureate/summer-public-health-scholars-program-sphsp
University of Rochester School of Medicine and Dentistry Strong Children's Research Center Summer ProgramU	Rochester, New York	<p>This summer research training program is the ideal opportunity for outstanding medical, graduate and undergraduate students who plan to pursue a career in biomedical or clinical research. This program is created to develop fundamental skills in various research methodologies in a defined project, leading to an end-of-summer poster presentation.</p>	<ul style="list-style-type: none"> - Applicants must have completed their junior or senior year by May 2023, or be enrolled in their first year of medical school in good standing at the time of the application - Applicants must be able to attend the entire program. - Accommodations can be made to fit medical student schedules, however all participants must present at the poster session on the last day of the program - Previous Summer Program participants are eligible if they can justify a second summer in the program 	<ul style="list-style-type: none"> - Education History - Two Recommendations - Transcript - Short Answer Questions 	https://www.urmc.rochester.edu/pediatrics/research/summer-training-program/summer-training-program-application.aspx

University of Rochester School of Medicine and Dentistry Summer Scholars Program	Rochester, New York	<p>The Summer Scholars program is a 10-week research intensive program that includes working under the direct mentorship of one of our many research faculty members, as well as participation in research/educational seminars and presentations on applying to graduate school and career development. The program is designed for students from populations underrepresented in the School of Medicine & Dentistry who are interested in a PhD degree in the Biological or Biomedical Sciences and for students with a potential interest in attending graduate school at the University of Rochester.</p>	<ul style="list-style-type: none"> - Undergraduates from US local and national colleges and universities. - Undergraduates that are US citizens, permanent resident aliens or students with current F1 Visas from their host institutions in the United States. - Matriculated college sophomores or juniors with strong academic backgrounds (applicants must have a GPA of at least 3.00). 	<ul style="list-style-type: none"> - Two letters of recommendation - Transcript(s) 	https://www.urmc.rochester.edu/education/graduate/summer-scholars.aspx
Einstein Summer Undergraduate Research Program (SURP)	Bronx, New York	<p>Each summer the Einstein Summer Undergraduate Research Program (SURP) brings together 50 college students for a one-of-a-kind opportunity to conduct laboratory research at one of the world's top-ranking scientific institutions. The program is designed for undergraduates with a strong background in science who are considering a research career.</p>	<ul style="list-style-type: none"> - Outstanding undergraduate students considering the SURP program must meet the following criteria: - A strong background in the sciences (biology, biochemistry, chemistry, physics, bioengineering or chemical engineering, etc.). - Completion of junior year in college. In rare instances, sophomores with strong science and/or research backgrounds may be considered. Freshmen and seniors (graduating in Spring/Summer 2023) will not be considered. - U.S. citizenship or permanent residency. 	<ul style="list-style-type: none"> - Scanned copies of your academic transcripts - Two letters of recommendation - Personal Statement 	https://www.einsteinmed.edu/education/phd/the-summer-undergrad-research-program.aspx
Columbia University Mailman School of Public Health Biostatistics Epidemiology Summer Training Diversity Program (BEST)	New York, New York	<p>Participants undertake an individualized research project with a Columbia University faculty mentor, including a project symposium at the program's conclusion.</p>	<p>Applicants must represent one of the following groups:</p> <ul style="list-style-type: none"> - Racial/ethnic minorities (African-Americans, Hispanic/Latino-Americans, Native Americans or Alaskan Natives) - Have a disability or physical impairment - Economically disadvantaged 	<ul style="list-style-type: none"> - Two letters of recommendation - Personal Statement - Transcript 	https://www.publichealth.columbia.edu/research/biostatistics-epidemiology-summer-training/about
Columbia University Medical Center Summer Program for Underrepresented Students	New York, New York	<p>Provides intense research fellowship experiences on the Columbia College of Physicians and Surgeons campus to undergraduate students nationally. The experience is intended to (a) provide meaningful training in biomedical research, and (b) enhance the students' ability to achieve a career in biomedical research and/or medicine by pursuing an advanced degree (either Ph.D., M.D./ Ph.D. or M.D.). In addition to specific training in the indicated research area, the students receive in-depth training in biomedical research methodology, including: (a) the design and analysis of experiments, (b) a critical reading of the scientific literature, through journal clubs, (c) the presentation of scientific results at laboratory meetings, (d) attendance at convened poster sessions, (e) the preparation of abstracts and manuscripts describing the results of experiments, and (f) career counseling and research ethics.</p>	<ul style="list-style-type: none"> - US citizens or permanent residents - Undergraduate student. Please note that preference will be given to students who are rising juniors or seniors - GPA of 3.2 or above - Underrepresented minority students (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) 	<ul style="list-style-type: none"> - Resume/CV - Two letters of recommendation - Personal Statement - Transcript 	https://www.spurs.columbia.edu/
NYSCF Summer Internship Program	New York, New York	<p>Each year, high-achieving and talented high school, undergraduate, and graduate students are selected to work in New York City as part of the NYSCF Summer Internship Program, a ten-week unique summer enrichment internship program that provides students a rare glimpse into the fast-paced world of stem cell research, insight into life at an entrepreneurial nonprofit research institute, exposure to career opportunities in science, and connections to valuable professional and peer networks.</p>	<p>Available to undergraduate students.</p>	<ul style="list-style-type: none"> - Two letters of recommendation - Essay responses 	https://nyscf.org/programs/the-nyscf-academy/students-and-teachers/internship/
Sackler Institute of Graduate Biomedical Sciences and the Office of Minority Affairs offers a Summer Undergraduate Research Program (SURP)	New York, New York	<p>At NYU Grossman School of Medicine, our Vilcek Institute of Graduate Biomedical Sciences offers qualified college students who have completed their sophomore or junior year the opportunity to participate in our Summer Undergraduate Research Program, also known as SURP. If you are interested in pursuing a PhD or MD/PhD in the biomedical sciences, our research internship program can provide you with an inside glimpse into life beyond your undergraduate studies.</p>	<p>The Summer Undergraduate Research Program application is open to U.S. citizens and permanent residents. We welcome applications from mature, well-qualified undergraduates who have completed their sophomore or junior year of college. To qualify, you should have completed at least one full semester of bench laboratory research.</p>	<ul style="list-style-type: none"> - Online application materials 	https://med.nyu.edu/research/vilcek-institute-graduate-biomedical-sciences/summer-undergraduate-research-program
Rockefeller University Summer Undergraduate Research Fellowship (SURF)	New York, New York	<p>College sophomores and juniors are eligible to spend 10 weeks during the summer in a Rockefeller University laboratory. The program begins in early June and ends in mid-August. Placement in laboratories is centralized through the Dean's Office. Students are matched with laboratories according to their stated research interests, and work on projects under the direct supervision of faculty, postdoctoral fellows and/or senior graduate students.</p>	<p>College sophomores and juniors are eligible.</p>	<ul style="list-style-type: none"> - A two-page summary statement describing the applicant's academic background, scientific interests, research experience (if any) and career goals. Applicants should discuss how they would benefit from the SURF Program. - An official transcript from each college or university you attended and listed in the Educational Information section of your application. - Two letters of recommendation preferably from professors or mentors who can evaluate the applicant based on performance in current or completed research projects. 	https://www.rockefeller.edu/education-and-training/surf/

Roswell Park Cancer Institute Summer Research Experience Program in Cancer Science	Buffalo, New York	In addition to lab work in our cutting-edge research facilities, you'll take part in weekly lectures on cancer biology and career options. At the end of the 10-week program, you'll present your project in the formal setting of our program research conference and Buffalo Research Day.	<ul style="list-style-type: none"> - Be enrolled in you junior year of college at the time of application - Be a U.S. citizen or a U.S. permanent resident - All participants in Roswell Park's experiential research programs will be required to show proof that they are fully vaccinated with a COVID-19 vaccine authorized by the US Food and Drug Administration (FDA) or the World Health Organization (WHO) 	<ul style="list-style-type: none"> - Personal Statement - Unofficial Transcript - Contact reference 	https://www.roswellpark.org/education/summer-programs/college-students
SUNY Upstate Medical University Summer Undergraduate Research Fellowship (SURF)	Syracuse, New York	The aim of the SURF program is to expose undergraduate students to biomedical research. In an intensive ten-week summer program, undergraduates with appropriate faculty help will formulate their own proposal, carry out research under the supervision of one of our faculty, write a research paper and have the opportunity to see their work published. In the process, students will attend research seminars, present and participate in a student journal club, present their work, and participate in discussions on alternative careers in research and how to apply to graduate school. Students are given ample opportunities to interact directly with many of our faculty and graduate students.	Applicants to the program should be undergraduate students in good academic standing, who will be between their junior and senior years during the summer of 2022, and are majors in chemistry, biology, or a related field. Applicants must have a strong interest in pursuing a Ph.D. degree in biomedical research.	<ul style="list-style-type: none"> - Personal Statement - Two letters of recommendation - Official Transcript 	https://www.upstate.edu/grad/programs/summer.php
Atrium Health Medical Student Summer Scholars Program	Charlotte, North Carolina	The Ross Student Research Internship is a 9-week long paid internship designed to expose first-year medical students, undergraduate and post-graduate students to clinical surgery, trauma and research.	<ul style="list-style-type: none"> - Applicants must be able to commit and complete the 9-week internship - The program has flexible start and end dates between May and September 	<ul style="list-style-type: none"> - Copies of all applicable transcripts - Unofficial Only because we are unable to download the copy properly - A Personal Statement - please attach a PDF of your career goals and how you believe this program will help you accomplish those goals, with a 500-word maximum - PDF listing of the following: academic honors, memberships, accomplishments, and any relevant experiences (e.g. previous work in the lab and/or clinic) with corresponding year(s) of involvement. Please list in bullet point format. You may include a CV/Resume as a supplement. - Two letters of recommendation 	https://atriumhealth.org/education/graduate-medical-education/medical-student-summer-scholars-program#:~:text=The%20Ross%20Student%20Research%20Internship,ICU%20rounds
Wake Forest University Wake Forest University Biomedical Engineering REU Summer Program	Winston-Salem, North Carolina	The Biomedical Engineering Department and Center for Biomedical Informatics at Wake Forest University School of Medicine will offer several summer research opportunities in 2022 focusing on Imaging and Mechanics-based Projects on Accidental Cases of Trauma (IMPACT) and other biomedical engineering and informatics topics.	<ul style="list-style-type: none"> - Undergraduate students from all institutions - Students in good academic standing — U.S. citizens, U.S. nationals and U.S. permanent residents 	<ul style="list-style-type: none"> - Resume/CV - Two letters of recommendation - Personal Statement - Transcript 	https://school.wakehealth.edu/Departments/Biomedical-Engineering/Center-for-Injury-Biomechanics/Summer-Research-Opportunities
Duke Summer Research Opportunity Program	Durham, North Carolina	The Duke University Summer Research Opportunity Program (SROP) is a 10-week training program designed to give motivated undergraduate students hands-on experience in graduate-level biomedical research. We welcome applicants from around the United States who are seriously considering joining a Ph.D. graduate program after completing their undergraduate degree. Students from underrepresented groups are strongly encouraged to apply.	Open to undergraduate students.	<ul style="list-style-type: none"> - Resume/CV - Two letters of recommendation - Transcript 	https://gradschool.duke.edu/about/diversity-inclusion/diversity-efforts/duke-summer-research-opportunity-program
Cincinnati Children's Summer Undergraduate Research Fellowship (SURF)	Cincinnati, Ohio	The Summer Undergraduate Research Fellowship (SURF) Program at Cincinnati Children's Hospital Medical Center offers undergraduates the chance to explore clinical, translational, and basic science research in laboratories in the Department of Pediatrics, University of Cincinnati College of Medicine. The primary goal is to provide students with a foundation for making career choices in the biomedical sciences. Students have the opportunity to work with one of more than 700 faculty members at Cincinnati Children's Hospital Medical Center, many of whom have active research programs that cover all areas of pediatric medicine, including the study of developmental biology, congenital disorders, genetic diseases, cancer, cardiology, neurology and immunology.	Undergraduates with a 3.0 or better GPA are eligible to apply to the SURF Program. Applicants must be US citizens or permanent residents and have an interest in a career in biomedical research or medicine. Criteria for selection include academic record, answers to essay questions and interest in obtaining research experience.	<ul style="list-style-type: none"> - Essay questions: Describe your career goals and motivation for wanting to obtain research experience. Be sure to include the area(s) of research interest or the faculty member with whom you would like to work with during the program. - Resume: Include a current copy of your resume. - References: One letter of recommendation is required. - Grade Reports: Will be requested for completion of the online application. 	https://www.cincinnatichildrens.org/education/research/surf
Ohio State Summer Research Opportunities Program	Columbus, Ohio	The Summer Research Opportunities Program (SROP) at Ohio State is designed to help historically underrepresented students explore opportunities for graduate study and academic careers. Over the course of nine weeks during the summer, Ohio State SROP participants will conduct research with a faculty mentor on a topic of mutual interest, and participate in activities crucial to preparation for graduate school, including a professional development series. At the end of the summer program, participants present their research at the Research Symposium to faculty, staff, and summer scholars.	All historically underrepresented undergraduates who are U.S. citizens or permanent residents and meet the criteria listed in the qualifications section below are eligible to participate in the program. The selection process targets groups underrepresented in graduate education.	<ul style="list-style-type: none"> - Letters of recommendation - Personal Statement - Statement of research interest 	https://gradsch.osu.edu/summer-research-opportunities-program

OU Summer Undergraduate Research Programs	Oklahoma City, Oklahoma	The Graduate College at the OU Health Sciences Center hosts five summer undergraduate research programs aimed at preparing and encouraging undergraduate students to pursue careers in biomedical research or health-related sciences. Studies show undergraduate research programs are beneficial to the success of applying to and completing a graduate degree program. Our programs introduce outstanding undergraduate students to the rigorous academic preparation required to achieve these goals, through participation in intensive, full-time (40 hours/week), hands-on research experiences in the laboratories of OUHSC biomedical faculty mentors in Oklahoma City.		<ul style="list-style-type: none"> - General Applicant Information - Personal Statement - University/College Transcript(s) - Contact information for two references 	https://graduate.ouhsc.edu/Research/Summer-Undergraduate-Programs
OHSU Equity Research Program	Portland, Oregon	The OHSU Equity Research Program offers an exciting opportunity for diverse undergraduate college students to spend eight weeks working on research projects alongside faculty, scientists and graduate students.	<ul style="list-style-type: none"> - Have completed at least one undergraduate college year by the start date of the program. - Have completed at least one course in the basic sciences (some tracks require a lab component) and mathematics or statistics. - You come from either an underrepresented minority group; have experienced economic hardship; are first in your family to attend college; have experienced other economic, educational, ethnic/cultural, family circumstance hardships; or a student with disability - You are a U.S. citizen, permanent U.S. resident, or an eligible DACA student (Deferred Action for Childhood Arrivals). A DACA applicant must have an employment authorization card via USCIS. 	<ul style="list-style-type: none"> - Current resume - Essay responses - Transcript - Two letters of recommendation 	https://www.ohsu.edu/center-for-diversity-inclusion/equity-research-program
Drexel University Summer Undergraduate Research Fellowship	Philadelphia, Pennsylvania	The Graduate School of Biomedical Sciences and Professional Studies awards nine-week Summer Undergraduate Research Fellowships (SURF) to undergraduate students wishing to explore biomedical research careers.	<ul style="list-style-type: none"> - Applicants must have an interest in pursuing biomedical research (i. e., PhD or MD/PhD) in graduate school and must be in good standing at their respective undergraduate institutions. - Sophomores and juniors (as of spring 2022) are given priority, although freshmen may apply. - Selection will be based on the student's academic undergraduate record, research experience, letters of recommendation, and statements of research interests and career goals. 	A complete application consists of your CV, two letters of recommendation and official transcripts.	https://drexel.edu/medicine/research/student-research/summer-undergraduate-research-fellowship/
University of Pennsylvania Undergraduate Clinical Scholars Program (UCSP)	Philadelphia, Pennsylvania	The 9-week program includes weekly didactic lectures and statistics workshops as well as a program-long research experience with an expert clinical investigator. Weekly lectures and workshops will provide an introduction to epidemiologic and biostatistical topics, and will be paired with small group discussions or workshops to reinforce content presented in lectures. Additional lectures will encompass topics on practical aspects of clinical research, which includes human subjects and research ethics, writing abstracts and scientific manuscripts, and admissions to graduate programs.	The program is geared towards non-graduating undergraduates. Applications from women and members of underrepresented minorities are strongly encouraged. Students accepted into the program must be eligible to work in the United States. International students are welcome to apply to the program, provided they have a visa that allows them to be paid to work in the United States.	Completion of the application requires demographic information, SAT or ACT test scores, an outline of your research experience, answering questions about your future career aspirations, a copy of your transcripts, and at least 1 letter of recommendation.	https://www.ucspinfo.org/about.html
UPenn Summer Undergraduate Internship Program (SUIP)	Philadelphia, Pennsylvania	The University of Pennsylvania Summer Undergraduate Internship Program is a 10-week intensive summer research opportunity for undergraduate students. Interns will be matched with a Principal Investigator (PI) based on shared research interests. Throughout their time at Penn, interns will work with PIs and other lab mentors to develop laboratory and research skills essential for future graduate school experiences. In addition to laboratory work, interns will participate in seminars that will enrich their understanding of science, participate in professional development workshops, graduate school preparation seminars, and have the opportunity to present at the SUIP Symposium. SUIP is designed for students who aim to pursue a PhD or an MD-PhD in biomedical studies.	<p>Residency requirement: The program is open to U.S. citizens and permanent residents only. We cannot accept applications from international students who do not meet residency requirements at this time.</p> <p>Applicants must be enrolled in a four-year college for the fall semester after the program ends. Graduating seniors are not eligible to participate. Although it is not required for applicants to have prior research experience, preference is given to applicants who will have completed their sophomore or junior year. Students must be able to attend the full 10-week program. We encourage applications from students of all backgrounds, particularly those from underrepresented minority groups, disadvantaged backgrounds, first generation students, and students with disabilities.</p>	<ul style="list-style-type: none"> - A statement detailing both your career goals and your area of research interest - Two letters of recommendation from academic faculty or advisors - Most recent unofficial undergraduate transcript - Resume/CV 	https://www.med.upenn.edu/idealresearch/suip/
Children's Hospital of Philadelphia Injury Science Research Experiences for Undergraduates (REU)	Philadelphia, Pennsylvania	The Center for Injury Research and Prevention (CIRP) at the Children's Hospital of Philadelphia Research Institute hosts the Injury Science Research Experiences for Undergraduates (REU) program, a 10-week paid summer research internship opportunity for undergraduate students. CIRP is a leading multidisciplinary center engaged in collaborative cross-discipline research implementing real-world applications.	<ul style="list-style-type: none"> - 3.0 GPA - One year completed college by June 1, 2023 - Anticipated graduation: After August 11, 2023 - US citizen or permanent resident - an interest in pursuing an advanced degree in their field of study (except Pre-Med) - encouraged to apply are American Indian/Alaskan Native, Black, and Latinx students, women, people with disabilities, veterans, and students from colleges and universities where STEM research opportunities are limited, including two-year colleges. 	<ul style="list-style-type: none"> - Unofficial Transcript - Current resume - Two letters of recommendation - An essay of 500 words or less 	https://injury.research.chop.edu/reu/#WCym99gqzWot
Penn State University, College of Medicine SURIP – Summer Undergraduate Research Internship Program	Hershey, Pennsylvania	The SURIP program is intended for college students who are interested in pursuing a career in the biological sciences. SURIP is most appropriate for students considering application to PhD programs in the biomedical sciences and is not intended for students who plan to apply to medical school.	The typical participant will be between their sophomore and junior year, or between their junior and senior year of undergraduate studies.	<ul style="list-style-type: none"> - Personal reference letter - Personal Statement 	https://med.psu.edu/surip

University of Pittsburgh School of Medicine Summer Undergraduate Research Program	Pittsburgh, Pennsylvania	<p>The Summer Undergraduate Research Program (SURP) helps aspiring biomedical scientists gain significant experience and guide them in deciding if a life in research aligns with their professional goals. It serves as a stepping stone from undergraduate studies to advanced PhD training in the biological and biomedical sciences. Participants engage in an intensive 10-week program designed to provide hands-on experience in biomedical research, together with guidance on how to plan for a research-related career.</p>	<ul style="list-style-type: none"> - Applicants must have completed their sophomore or junior year of undergraduate training before the start of the program. - Applicants must have a GPA of 3.0 ("B") or higher. Strong performance in science, math, and related coursework is especially important. - Students from all groups that are under-represented in science are encouraged to apply. - Applicants must be undergraduate students currently enrolled full-time at a U.S. college or university. - International applicants will be required to provide official authorization for Optional Practical Training (OPT) from their home institution, prior to their arrival in Pittsburgh. 	-Online application	https://somgrad.pitt.edu/prospective-students/summer-undergraduate-research-program-surp
Medical University of South Carolina Summer Research Program	Charleston, South Carolina	<p>The MUSC Summer Undergraduate Research Program (SURP) is a 10-week research and educational based program run by the College of Graduate Studies on the campus of the Medical University of South Carolina. The purpose of the SURP is to promote access to graduate education and to enhance specific skills that are required for success in a subsequent M.S., Ph.D. or M.D./Ph.D. in Biomedical Sciences. MUSC offers this valuable opportunity to academically talented and motivated students who confirm a strong interest in graduate and/or doctoral studies.</p>	<ul style="list-style-type: none"> - Enrolled full time and in good standing in an accredited baccalaureate program at the time of application - Must be able to complete the entire 10 weeks of the program - Prior research experience and a GPA of 3.2 or higher are preferred (minimum GPA of 3.0 is required) - Priority is given to rising juniors and seniors with a strong interest in pursuing graduate studies - US Citizen or Permanent Resident 	<ul style="list-style-type: none"> - An unofficial college transcript - At least a 500-word Personal Statement - Two academic letters of recommendation from faculty at your current school who are familiar with your science coursework or research skills - or from a scientist at another institution who has mentored you in a research experience. 	https://gradstudies.musc.edu/programs/summer-program/undergraduate
Sanford Program for Undergraduate Research	Sioux Falls, South Dakota	<p>Sanford Research offers the Sanford Program for Undergraduate Research (SPUR), which provides opportunities for undergraduate students interested in research careers to participate in research. This dynamic summer program allows you to apply your classroom knowledge by working in a laboratory under the supervision of a principal investigator and interacting with research teams that include graduate students and postdoctoral fellows. In addition to obtaining research experience in state-of-the-art facilities, you will attend weekly career and professional development workshops, as well as build your presentation and communication skills through scientific presentations.</p>	<p>Any college student majoring in the life sciences or other STEM fields is eligible to apply for the SPUR program. You should be in your freshman, sophomore or junior year at the time of application and should be interested in exploring careers in research and graduate school opportunities.</p>	<ul style="list-style-type: none"> - Official or unofficial transcript from each college the applicant has attended or taken college-level courses. - Two letters of recommendation, at least one of which must be from a college professor. 	https://research.sanfordhealth.org/academic-programs/undergraduates/spur
Vanderbilt Undergraduate Clinical Research Internship Program (UCRIP)	Nashville, Tennessee	<p>The Vanderbilt Undergraduate Clinical Research Internship Program (UCRIP) gives college students earning a four-year degree the opportunity to participate in both research and clinical patient care at an academic medical center. This program is designed for students who are interested in a career in medicine. Participants will complete a research project under the directorship of a research mentor and also directly observe clinical patient care while spending time with residents and attending physicians.</p>	<ul style="list-style-type: none"> - The program is limited to U.S. citizens (or persons having U.S. Permanent Resident status) earning a four-year undergraduate degree at an accredited US college or university. - Applying students must be a college undergraduate during the summer of the program year. - Applying students must have a cumulative GPA of 3.5 or greater on a 4.0 scale. - Preference is given to candidates with prior research experience and who have taken advanced science courses. - Applying students should have a strong desire to pursue an M.D. degree or a combined M.D./Ph.D. degree. 	<ul style="list-style-type: none"> - Two letters of recommendation - Most recent unofficial undergraduate transcript - A brief Personal Statement commenting on your qualifications for the program and how you feel this program will help you achieve your professional goals. - A list of potential faculty mentors is not required on the application 	https://medschool.vanderbilt.edu/vssa/undergraduate-clinical-research-internship-program/
Vanderbilt Summer Science Academy	Nashville, Tennessee	<p>The Vanderbilt Summer Science Academy (VSSA) gives college students earning a four-year degree the opportunity to participate in both research and clinical patient care at an academic medical center. This program is designed for students who are interested in a career in medicine. Participants will complete a research project under the leadership of a research mentor and also directly observe clinical patient care while spending time with resident and attending physicians.</p>	<p>To be eligible, students must be enrolled and in good standing earning a Bachelors of Science degree from an US college/university.</p>	<ul style="list-style-type: none"> - Two letters of recommendation - A statement of purpose 	https://medschool.vanderbilt.edu/vssa/
Meharry Cancer Summer Undergraduate Research Program (SURP)	Nashville, Tennessee	<p>The Meharry Cancer Summer Undergraduate Research Program (SURP) is a 10-week intensive, hands-on research experience for undergraduate students. The overall goals of the program are to expose students to different types of cancer research (clinical, biomedical, and community-based) and increase their awareness of cancer health disparities. Program participants will work under the mentorship of a Meharry Medical College and/or Vanderbilt University Medical Center faculty on a research project that explores the causes, diagnosis, prevention and/or treatment of cancer.</p>	<ul style="list-style-type: none"> - US citizen or permanent resident - Rising sophomore, junior or senior student in a degree granting program at a college/university in the USA - Have a minimum cumulative undergraduate GPA of 3.0 or above - Interested in pursuing a career in biomedical research (PhD, MD, or MD/PhD) 	<ul style="list-style-type: none"> - Two letters of recommendation - Unofficial Transcript 	https://home.mmc.edu/school-of-graduate-studies-research/meharry-cancer-surp-2/

St. Jude Pediatric Oncology Education (POE) Program	Memphis, Tennessee	The Pediatric Oncology Education program at St. Jude Children's Research Hospital is funded by the National Institutes of Health / National Cancer Institute. The POE program 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 (summer internship) in either laboratory research or clinical research.	<ul style="list-style-type: none"> - a United States citizen, non-citizen national, or possess a visa permitting permanent residence in the United States - applicants must be full-time students - undergraduate GPA of at least a 3.40/4.00 in math and science (biology, chemistry, physics) AND at least a 3.40 overall - must have research experience and be in at least their sophomore of college year when they apply - at least one letter of recommendation must be from a research mentor. 	- Letters of recommendation	https://www.stjude.org/education-training/predoctoral-training/internships/pediatric-oncology-education-poe-program.html#38955f74e730fccc6a695a78d8e47d4821244742b21861950326996b0e79486=1
MD Anderson Undergraduate Research at Science Park	Houston, Texas	For 10 weeks during the summer, students selected for the SPCR undertake hypothesis-driven, project-based investigations and attend a weekly lunch lecture series covering topics such as DNA structure and repair, epigenetics, stem cells, signal transduction and apoptosis, and emerging analytical techniques. Other student activities include social events designed to integrate summer interns into the research community, as well as tours of the MD Anderson Houston and Bastrop campuses.	<ul style="list-style-type: none"> - Must be a U.S. Citizen or Permanent Resident. - Must have one of the following designations for the spring semester of the program year: <ul style="list-style-type: none"> - Undergraduate freshman - Undergraduate sophomore - Undergraduate junior - Must be enrolled in an undergraduate degree program at a degree-granting institution located within the United States, during the spring semester and fall semester of the application year. - Must commit to the full 10-week program, and not be involved in other summer employment, programs or course work. 	<ul style="list-style-type: none"> - Personal information, including contact information and mailing address - Transcripts from high school and undergraduate universities - Personal statement - Two letters of reference with contact information (At least one reference should come from a science or math instructor. The other may be from an advisor, counselor, or health care advisor/mentor with whom you worked in a prior program during the past four years.) 	https://www.mdanderson.org/education-training/degrees-programs/summer-research-programs/undergraduate-research-science-park.html
Baylor College of Medicine SMART Program	Houston, Texas	<p>The Summer Undergraduate Research Training (SMART) Program provides frontier-level, biomedical summer research projects for undergraduates in a supportive environment with supplemental educational activities. The program offers:</p> <ul style="list-style-type: none"> - Nine paid weeks of biomedically related research in a broad range of areas - Research and professional development seminars designed for undergraduates - Career development activities - Designated housing near Baylor College of Medicine 	<ul style="list-style-type: none"> - Must currently be attending a university in the United States and returning to the college/university to complete their undergraduate degree. - Minimum GPA of 3.0 - Applicants who graduate before or during the program will not be eligible. <ul style="list-style-type: none"> - No previous research experience is required except of first-year students (freshman status in college). Applications from first-year students without previous research experience will not be accepted unless they have won a national or international science fair award. Research experience is any laboratory experience outside of a high school or college course lab. 	<ul style="list-style-type: none"> - Letter of recommendation - Essay - Transcript - Proof of US citizenship (US passport or Permanent Residency cards) 	https://www.bcm.edu/education/schools/graduate-school-of-biomedical-sciences/programs/diversity/smart
UT Southwestern Summer Undergraduate Research Fellowship (SURF)	Dallas, Texas	The Summer Undergraduate Research Fellowship (SURF) Program is an intensive summer research training experience designed for college students who are preparing for Ph.D. or M.D./Ph.D. careers in biomedical research. Fellows spend 10 weeks (beginning in early June and ending mid-August) pursuing individual research projects in the laboratories of Graduate School faculty members. Fellows gain experience in modern research techniques and plan and execute an experimental strategy to answer a scientific question. SURF introduces students to the kinds of projects encountered during postgraduate research training and fosters an understanding of the planning, discipline, and teamwork involved in the pursuit of answers to current questions in the biological sciences. At the end of the SURF Program, fellows present their research during a poster session.	<p>Applicants must be enrolled in an undergraduate science degree program and have completed their sophomore year. Applicants must also be U.S. citizens or possess an F1 visa.</p> <p>Criteria used in selection of fellowship recipients include:</p> <ul style="list-style-type: none"> - College grades - Relevant experience - Letters of recommendation from faculty who can assess the applicant's potential for advanced training and success in biological research - Career goals include pursuing Ph.D. or M.D./Ph.D. degree 	<ul style="list-style-type: none"> - Transcripts (official or unofficial) from each college you have attended. - Two letters of recommendation, which can come from mentors, teachers, employers, or advisers. Letters should discuss the applicant's scientific and intellectual abilities, previous training and experience, and potential for a career in research. 	https://www.utsouthwestern.edu/education/graduate-school/research-opportunities/surf/
BTRUE Summer Fellows Program	Waco, Texas	The B-TRUE (Baylor Transdisciplinary Research Undergraduate Experience) program is sponsoring 10 undergraduate fellows to conduct summer research in one of six academic programs (Biology, Physics, Chemistry/Biochemistry, Environmental Science, Geosciences, Anthropology, and Psychology/Neuroscience). It is an intensive 10-week summer research-training program for students interested in pursuing research-related careers. The program is designed to provide a rigorous, in-depth research experience across the life and physical sciences.	All current Baylor undergraduates are welcomed to apply. Priority will be given to rising sophomores and Juniors.	<ul style="list-style-type: none"> - Resume - Headshot 	https://www.baylor.edu/engagedlearning/index.php?id=970703
MD Anderson Summer Undergraduate Research Program	Houston, Texas	The Summer Undergraduate Research Program (SURP) is a 10-week program that offers hands-on experience in biomedical, translational or clinical research. Students who have completed at least two years of college-level courses in one or more science programs (biology, chemistry, physics, mathematics or computer science) and are in good academic standing are eligible to apply. Students who are considering pursuing an advanced degree (Ph.D., M.D. or both) and are interested in scientific investigation would benefit most from the program.	<p>Students who have completed at least two years of college-level courses in one or more science programs (biology, chemistry, physics, mathematics or computer science) and are in good academic standing are eligible to apply. Applicants must currently be enrolled in an undergraduate program in the United States and be a U.S. citizen, permanent resident, or international student on F1 or J1 visa to apply.</p> <p>Students who are considering pursuing an advanced degree (Ph.D., M.D. or both) and are interested in scientific investigation would benefit most from the program.</p>	<ul style="list-style-type: none"> - Personal information, including contact information and mailing address - Transcripts from high school and undergraduate universities - Personal statement - Two letters of reference with contact information (At least one reference should come from a science or math professor. The other may be from an advisor, counselor or health care advisor/mentor with whom you worked in a prior program during the past four years.) 	https://www.mdanderson.org/education-training/degrees-programs/summer-research-programs/summer-undergraduate-research-program.html

Neuroscience Summer Undergraduate Research Program	Galveston, Texas	The NSURP program for undergraduate research in neuroscience at the University of Texas Medical Branch on the beautiful island of Galveston, Texas provides undergraduate students the opportunity for cutting-edge, interdisciplinary research in the area of neuroscience. One of the program goals is to promote the success of women and underrepresented minorities in science.	If you are a college student (for citizens or permanent residents only) contemplating graduate studies in the biomedical sciences, you are eligible to apply.	- Unofficial transcript from your undergraduate institution(s) - Two letters of recommendation from faculty members	https://gsbs.utmb.edu/prospective-students/nsurp
McGovern Medical School Summer Research Program for Undergraduates (Med SURP)	Houston, Texas	The MedSURP program is directed at students with a strong interest in pursuing a future career in medicine. Students will have the opportunity to work with researchers and clinicians focusing on research topics with direct relevance to therapeutic approaches and patient care. Students will also have the opportunity in seminars designed to provide exposure to a wide range of biomedical research topics, and to educate students in how to apply to medical school.	At the time of application, undergraduate students enrolled in any accredited U.S. college or university during the current academic year may participate, but must NOT have graduated at the time the program begins. With AP credit, freshman can apply to the program as long as the freshman has 12 hours of science credit by February 1 (12:00 am CST) of each year. To qualify for this program, an undergraduate student must be a United States citizen or an international student enrolled at an accredited undergraduate institution in the U.S. All undergraduate students must be 18 years of age by the start of the SRP program.	- Official transcripts - Two letters of reference - Personal Statement	https://med.uth.edu/oepp/summer-research-program/college-undergraduate-program/
The Summer Mentoring and Research Training: Methods In Neuroscience of Drug-abuse	El Paso, Texas	The Summer Mentoring and Research Training: Methods In Neuroscience of Drug-abuse (SMART-MIND) program provides an intensive summer research training experience for undergraduate students and high school teachers hosted on The University of Texas at El Paso (UTEP) campus. Participants in the program conduct research under the mentoring of UTEP neuroscience faculty, participate in professional development workshops, and present their research findings at the COURI summer symposium. All participants receive a stipend, and out of town participants are provided travel to/from UTEP and housing.	Undergraduate students interested in applying to the program must meet the following criteria: - US Citizen/ Permanent Resident - All applicants must be at least 18 years of age on the program start date. - Minimum GPA of 3.0 - Rising junior or senior graduating December 2022 or later. Outstanding rising sophomores will also be considered. - Students considering the pursuit of advanced degrees and careers in neuroscience research related areas - Majoring in: Biology, Psychology or Chemistry/Biochemistry. Other science or engineering majors may be considered depending on the student course background and advanced studies/career interest	- Two completed recommendation forms	https://www.utep.edu/couri/smartmind/
Texas A&M Biotechnology Summer Research Program for Undergraduates	Houston, Texas	The program is a 10-week paid summer research experience with a \$4,000 stipend. The goal of this program is to introduce our summer students to the cutting-edge scientific research being conducted at the IBT and encourage them to apply to our graduate program when considering graduate school.	- Open to undergraduate students	- Resume - Official transcript - One letter of recommendation - A 250-word essay describing why you want to do research in the field of biotechnology.	https://ibt.tamu.edu/education/biotechnology-track/summer-research-program.html
MD Anderson CPRIT-CURE Summer Undergraduate Program	Houston, Texas	The Cancer Prevention & Research Institute of Texas (CPRIT)-CURE Summer Undergraduate Program is a 10-week research program designed for outstanding undergraduate students who are interested in pursuing research-based (M.S., Ph.D., or M.D./Ph.D.) careers in cancer research.	College or university students who have completed their freshman, sophomore or junior year by June 2022 and are in good academic standing are eligible to apply.	- Personal and demographic information - Unofficial transcripts from undergraduate universities - Personal Statement - Two letters of recommendation uploaded by your recommender	https://www.mdanderson.org/education-training/degrees-programs/summer-research-programs/cprit-cure.html
Texas A&M Medicine Research Program	Bryan, Texas	The purpose of the program is to give undergraduate students from any institution who have an interest in pursuing a future career in biomedical research the opportunity to work in a laboratory and perform a research project during the summer. The 10-week program consists of students working closely with Texas A&M University College of Medicine faculty on research projects in basic or clinical science disciplines. Selected participants are matched with a faculty mentor in their area of interest and will assist with a research project gaining insight into the development and implementation of biomedical research.	Open to undergraduate students.	- Two letters of recommendation - Official transcripts	https://medicine.tamu.edu/research/summer-research.html
UT Health San Antonio Summer Physiology Undergraduate Researcher (SPUR) Program	San Antonio, Texas	This ten week research program is designed for highly motivated college undergraduate students with a keen interest in research careers in biomedical science. The Department of Cellular and Integrative Physiology offers an exciting and diverse array of research areas, geared toward understanding the cellular and molecular underpinnings of human physiology. We seek to understand how these factors influence whole organism physiology using a number of novel model systems and cutting edge technologies.	- Must be a student in an undergraduate science degree program (U.S. institutions only). - Must have successfully completed one year in an undergraduate degree program to include at least general biology and/or introductory chemistry. - Must have a grade point average of 3.0 or higher.	- Transcripts (official and/or unofficial to reflect courses taken and in progress) - Two letters of reference from sources that are familiar with your academic capabilities and scientific knowledge - Please write a brief essay (<500 words total) explaining why you are applying for this program.	https://isom.uthscsa.edu/physiology/education/summer-physiology-undergraduate-researcher-spur-program/
UT Health Houston Mary Ann Lunsford Summer Externship for Pre-Medical Students	Houston, Texas	The Externship provides an in-depth exposure to all aspects of the diagnosis, treatment, and prevention of cardiovascular disease as enumerated in the attached schedule. Two six week periods with two positions each are offered (total of 4 students/ summer) and a \$1000 stipend is provided to each student after the externship term. The Externship is sponsored by the Division of Cardiology and the Mary Ann Lunsford Endowment Fund.	- A junior in college (completing the third year) - Seriously interested in pursuing a career in medicine - Possesses a 3.6 GPA or higher - Interested in actively participating in an intense learning experience at the cutting edge of Cardiovascular Medicine		https://med.uth.edu/internalmedicine/cardiovascular-medicine/education/mary-ann-lunsford-summer-externship-pre-medical-students/

The Immigration and Border Community – Research Experience for Undergraduates	El Paso, Texas	The NSF-REU Site Program on Immigration Policy and Border Communities is a unique opportunity to learn social science research methods while collaborating with local organizations to conduct in-depth research about the unique challenges faced by border communities in the Paso del Norte region of southern New Mexico, El Paso and Ciudad Juárez.	Undergraduate students in the social, behavioral and economic sciences and relevant professional fields such as public health. Applicants must be US citizens, US nationals or Legal Permanent Residents. Students who are selected must participate for the full ten weeks of the program.	<ul style="list-style-type: none"> - Current resume - Unofficial transcripts from your university or community college - Letter of interest: tell us why you would like to participate in this REU program and the skills or experience that you have in the topic area - Contact information for three references, including at least one of your professors 	https://www.utep.edu/liberalarts/bordercommunity/
University of Utah Native American Summer Research Internship (NARI)	Salt Lake City, Utah	The internship focus is to provide Native American students an outstanding laboratory or clinically based research experience working alongside world class research faculty at the University of Utah. The goal of the internship is to support the academic, career, and personal development of Native American students who are interested in Health Science careers. Each student will participate in approximately 40 hours/week of internship activities. Approximately 30 hours/week will be for research related activities, and approximately 10 hours/week will be for academic/professional development.	Native American undergraduate junior and senior students who are interested in Health Science research.	<ul style="list-style-type: none"> - Resume/CV - One letter of recommendation - Personal Statement - Transcript 	https://medicine.utah.edu/pediatrics/research/education/nari/
University of Virginia School of Medicine Summer Research Internship Program	Charlottesville, Virginia	The School of Medicine offers a ten-week research internship to qualified undergraduates considering a career in biomedical research. Generous financial support, housing, and travel are provided to participants.	<ul style="list-style-type: none"> - Be an undergraduate college student - Be a U.S. citizen or hold a permanent resident visa 	<ul style="list-style-type: none"> - Two letters of recommendation from faculty or advisors - Uploaded copy of your unofficial academic transcript - Completed Personal Statements regarding your research experience and long term goals, your research interests, and other relevant information. 	https://med.virginia.edu/summer-research-internship-program/
Janelia Undergraduate Scholars program	Ashburn, Virginia	The Janelia Undergraduate Scholars program is a 10-week summer program aimed at well-prepared, independent, and committed students with significant research experience. We accept undergraduates and masters students from around the world who have not committed to a PhD program. Participants must be actively enrolled as a student during the period of the Janelia Undergraduate Scholars program.	<ul style="list-style-type: none"> - Eligible applicants have at least one independent research experience in a laboratory that is not part of an academic course. - Actively enrolled undergraduate students or masters students who have not yet committed to a PhD program are eligible to apply. Scholars still must be enrolled in school during the time of the summer program. - Students should have programming experience in at least one of the following languages: Python, MATLAB, and/or C++. Other languages may also be suitable. 	<ul style="list-style-type: none"> - statement of rationale for applying to the Janelia Undergraduate Scholars program - statement of career goals - description of prior independent research (not research as part of a course or a lab) - identification of Janelia scientists with whom you would like to work and why - list of completed science and math courses or an unofficial college transcript - the names of two references who will submit a letter of recommendation. 	https://www.janelia.org/you-janelia/students-postdocs/undergraduate-scholars-program#719
UW Neurological Surgery Summer Student Program	Seattle, Washington	Every year our department invites a group of talented and highly motivated students interested in Neurosciences to participate in our 8-week Neurological Surgery Summer Student Program. This consists of a lab placement, attendance at Neurological Surgery Grand Rounds, OR observations, Friday talks by faculty to this group, and a final student Power Point presentation and graduation in front of family, friends and mentors. Founded in 2008, the program has hosted 88 students (including 9 Rainier Scholars) from 56 different schools. We actively encourage students of color and limited means to participate and are proud to be an intern site for the Rainier Scholars program.	<ul style="list-style-type: none"> - You must be 18 years of age or older by the first day of the program - You must be either a US citizen or have permanent residency status. - University undergraduate students may apply if they are 18 years of age and older and are U.S. citizens or permanent residents. Graduate students are not eligible. - You must have current immunizations and TB test results through the program end date. - Out of area students will have housing stipends available but are responsible for their own meals and transportation. 	<ul style="list-style-type: none"> - Letter of interest - Current resume - Unofficial Transcript - Minimum one letter of recommendation (from a faculty member in STEM) 	https://neurosurgery.uw.edu/education/summer-student-programs
Fred Hutchinson Cancer Research Center Summer Undergraduate Research Program (SURP)	Seattle, Washington	The Summer Undergraduate Research Program (SURP) is an intensive, nine-week internship for undergraduates entering the summer before their final year, semester, or quarter of study. It's designed to provide research experience and mentorship for students interested in biomedical research. Under the guidance of a faculty mentor, interns will complete an independent research project and present their findings at a competitive poster session.	<ul style="list-style-type: none"> - U.S. citizen or permanent resident - Entering the summer BEFORE the final year (or semester/quarter) of undergraduate studies - Strong background in the sciences or a related area of interest 	<ul style="list-style-type: none"> - A one-page Statement of Research Interests and Career Goals - Transcripts - Up to two letters of recommendation - Identifying up to three faculty members the applicant would like to work with, and a short description of why their research is of interest 	https://www.fredhutch.org/en/about/internships/summer-undergraduate-research-program.html
Harborview Injury Prevention & Research Center's (HIPRC) Pediatric Injury Prevention Student Internship Training (INSIGHT) program	Seattle, Washington	HIPRC's Summer Research Program (INSIGHT) is an intensive, eight-week summer internship for undergraduate students, graduate students and first-year medical students. Applications are open from mid-November to mid-January for the coming summer. INSIGHT provides paid research experience and mentorship for students who are interested in injury and violence prevention research. Participants are matched to research projects and partnered with health sciences faculty from across the University of Washington and work alongside peers and health professionals from an array of disciplines.	<ul style="list-style-type: none"> - Applicants must be a U.S citizen or permanent resident and are eligible to work in the U.S or hold a valid student visa or have DACA status. (See FAQ's for required documents) - Minimum cumulative GPA of 3.0 is required (must be ≥ 3.0). - Current undergraduates are eligible. - Must be able to commit to all eight weeks of the program on a full-time schedule. 	<ul style="list-style-type: none"> - Contact information of one academic reference - Short-essay responses 	https://hiprc.org/training/undergrad-grad/insight/

Georgetown School of Medicine Dean for Medical Education's Academy for Research, Clinical, and Health Equity Scholarship (ARCHES)	Washington D.C.	This program will engage selected participants in clinical experience, guided research, and community based learning at Georgetown University and the greater DC community. GUSOM ARCHES aims to strengthen the research and clinical skills of promising undergraduate students and prepare them for successful matriculation into medical school.	<ul style="list-style-type: none"> - This program is open to all rising college juniors and rising college seniors (you must have completed either your sophomore or junior year of college at the time of application) pursuing medicine and/or other healthcare profession in a four year college. - Have a minimum overall 2.5 GPA when applying. - Be a U.S. citizen, a permanent resident, DACA recipient or international student holding an F1 or J1 visa. DACA recipients can be employed only if they have been issued an "Employment Authorization Document" (EAD). 	<ul style="list-style-type: none"> - One letter of recommendation - Personal essays - Transcript 	https://som.georgetown.edu/diversityequityandinclusion/quarches/archesoverview/
West Virginia University Biomedical Sciences Summer Research Experience for Underrepresented Students	Morgantown, West Virginia	The internship is an 8-week hands-on summer research program designed to provide students with the opportunity to actively engage in biomedical research.	<ul style="list-style-type: none"> - Rising junior or senior or graduated senior from this academic year 	<ul style="list-style-type: none"> - Two letters of recommendation 	https://www.hsc.wvu.edu/resoff/graduate-education/phd-programs/biomedical-sciences/summer-research-experience-for-underrepresented-students/
Medical College of Wisconsin Summer Program for Undergraduate Research	Milwaukee, Wisconsin	The Summer Program for Undergraduate Research (SPUR) has been offered at the Medical College of Wisconsin for over 35 years. During that time, SPUR has hosted hundreds of students who have since made significant contributions to science and humanity through their current positions as teachers, instructors, professors, researchers, industry professionals, government leaders and clinicians. SPUR hosts roughly 25-30 participants each summer from across the country who gain valuable research experience, refine critical thinking skills, build upon academic and professional networks and are introduced to various disciplines of science. Participation in SPUR is intended for students who are currently enrolled at an accredited college or university who intend to pursue scientific-based graduate studies.	All students enrolled in a U.S.-based, regionally accredited college/university are encouraged to apply. Preference is typically given to current sophomores and juniors with a GPA of 3.2 or higher that have an interest in research-based graduate studies. Those chosen to participate in SPUR must be 18 years or older by the program start date.	<ul style="list-style-type: none"> - Two letters of recommendation - Official transcript 	https://www.mcw.edu/education/graduate-students/summer-program-for-undergraduate-research
University of Wisconsin Integrated Biological Sciences Summer Research Program	Madison, Wisconsin	Program participants live close to campus and perform full-time research for 10 weeks under the guidance of trained research mentors. Weekly professional development seminars allow participants to learn from each other's experiences and contextualize their research projects within the overarching theme of predicting phenotype. Additional events and activities build community, support career and graduate school exploration, and help students build useful skills, such as science writing. Students present their projects at a final symposium and write research reports to summarize their findings.	<ul style="list-style-type: none"> - Strong career interest in biological science research - Undergraduate student status - U.S. citizenship or permanent resident status - Grade point average of at least 3.0 	<ul style="list-style-type: none"> - One letter of recommendation - Personal essays - Transcript 	https://wisconsin.wisc.edu/research-mentor-training/biological-interactions/
Amgen Scholars Program	Multiple Locations	Every year, the Amgen Scholars U.S. Program provides hundreds of selected undergraduate students throughout the U.S. with the opportunity to engage in a hands-on research experience at many of the nation's premier educational institutions. Currently, thirteen institutions in the U.S. host the summer research program. As Amgen Scholars, students will have the opportunity to: <ul style="list-style-type: none"> - Take part in important institution research projects, gain hands-on lab experience and contribute to the advancement of science; - Interact with and receive guidance from faculty mentors, including some of the nation's top academic scientists; and - Participate in engaging scientific seminars, workshops and other networking events. 	<p>U.S. Program applicants must be:</p> <ul style="list-style-type: none"> - U.S. citizens or U.S. permanent residents; - Undergraduate students enrolled in accredited four-year colleges or universities in the United States, Puerto Rico or other U.S. territories; and - Sophomores (with four quarters or three semesters of college experience), juniors or non-graduating seniors (who are returning in the fall to continue undergraduate studies). <p>U.S. program applicants must also have:</p> <ul style="list-style-type: none"> - A cumulative grade point average of 3.2 or above; and - An interest in pursuing a Ph.D. or M.D.-Ph.D. <p>- No previous research experience is necessary and you do not need to be a life sciences major to apply.</p> <ul style="list-style-type: none"> - You do not need to currently attend one of the 24 host institutions to participate in the program. In fact, 	<p>Application deadlines are determined by Amgen Scholars Program host institutions, between early February and mid-February. Check individual host institutions for details about how to apply.</p>	https://amgenscholars.com/
Mayo Clinic Summer Undergraduate Research Fellowship (SURF)	Multiple Locations	The Mayo Clinic SURF Program has helped thousands of undergraduate students explore their interests in research. As a summer fellow, you will be immersed in research opportunities. You'll gain valuable experience in the lab and work closely with your mentor on a research project designed specifically for summer students.	<p>You can apply for the Summer Undergraduate Research Fellowship (SURF) if you:</p> <ul style="list-style-type: none"> - Are currently an undergraduate student and have completed two or three years (a rising junior or senior) at a U.S. college or university at the time the SURF program begins - Have a grade point average of at least 3.0 (4.0 scale) - Are seriously considering a biomedical research career as a Ph.D. or M.D.-Ph.D. 	<ul style="list-style-type: none"> - Personal statement to include a one to two page description of your career goals, and the steps you have already taken to achieve those goals. - Unofficial transcripts of courses from all colleges or universities attended may be uploaded in the Supplemental Items area for application purposes. An official transcript is preferred. - Two letters of recommendation (including letters from research mentors) are required. 	https://college.mayo.edu/academics/biomedical-research-training/summer-undergraduate-research-fellowship-surf/application-process/

NIH Clinical Center Summer Internship Program	Multiple Locations	<p>Summer programs at the National Institutes of Health (NIH) provide an opportunity to spend a summer working at the NIH side-by-side with some of the leading scientists in the world, in an environment devoted exclusively to biomedical research (At the NIH "biomedical research" includes everything from behavioral and social sciences, through biology and chemistry, to physics, mathematical modeling, computational biology, and biostatistics). Internships generally cover a minimum of eight weeks, with students arriving at the NIH in June. The NIH Institutes/Centers and the Office of Intramural Training & Education (OITE) sponsor a wide range of summer activities including an orientation to help interns get off to a good start, Summer Lectures featuring distinguished NIH investigators, career/professional development workshops, wellness activities, and Summer Poster Day.</p>	<p>The 2022 Summer Internship Program is for students who</p> <ul style="list-style-type: none"> - are 17 years of age or older on June 15, 2022, - are U.S. citizens or permanent residents, AND - are enrolled at least half-time in an accredited college (including community college) or university as an undergraduate, graduate, or professional student at the time of application, OR have graduated from high school, but have been accepted into accredited college or university program for the fall semester. 	<ul style="list-style-type: none"> - A curriculum vitae or resume - A list of coursework and grades - A cover letter describing the applicant's research interests and career goals - The names and contact information for two references 	https://www.training.nih.gov/programs/sip
American Physiological Society Summer Undergraduate Research Fellowships	Multiple Locations	<p>The Summer Undergraduate Research Fellowship program (SURF) formerly called UGSRF, allows students to participate in a hands-on research in the laboratory of an established APS member for 10 weeks. Fellows have the opportunity to network with other APS Fellows, explore the nature of research and the scientific process, investigate physiology career options, learn about scientific communication and publication ethics, and present their work at the APS's annual meeting.</p>	<ul style="list-style-type: none"> - Only one SURF application per research host may be submitted. - Applicant must be enrolled as a full-time undergraduate student. - Applicant should not have more than nine calendar months of research experience in a physiology laboratory, no previous peer-reviewed publications and no previous abstracts submitted to national or international meetings. - Applicant must be working with an APS member in good standing. - Applicant must have an overall GPA of >3.0 (0-4.0 scale). - There are no citizenship requirements for this award. 	<ul style="list-style-type: none"> - A 500-word description of the student's research project to be written by the student 	https://www.physiology.org/ugsrf?SSO=Y
Nemours Children's Health Summer Undergraduate Scholarship Program	Multiple Locations	<p>Every summer, the Nemours Children's Biomedical Research Department provides funding for undergraduate students to work on clinical, laboratory and translational research projects. The Nemours Summer Undergraduate Research Program is a 10-week, full-time program that runs from June through early August.</p>	<ul style="list-style-type: none"> - United States citizen or Permanent Resident - Enrollment as an undergraduate student at the time of application - Minimum 3.2 college GPA - Provide proof of COVID-19 vaccination - Interest in research motivated by problems in pediatric health 	<ul style="list-style-type: none"> - Resume - Two letters of recommendation - Transcripts - Short essay responses (listed within the application) - Optional: two additional supplementary files (video, writing sample, etc.) 	https://www.nemours.org/pediatric-research/education.html
Purdue University Summer Research Fellowships	Multiple Locations	<p>A student selected to participate in any of these fellowships will, by the end of the spring 2023 semester, have completed at least his/her second year of undergraduate or professional study with an excellent record, and will be interested in seriously investigating the possibility of a career in research. Preference will be given to students who have completed their third year of undergraduate or professional study at a U.S. institution. These fellowships are intended for students who have a serious interest in research as a possible career (including faculty positions) and who want to explore a research environment in more depth to enable them to make an informed career choice. Students who accept a fellowship appointment are under no obligation for choice of a career path.</p>	<p>Varies by program.</p>	<p>Varies by program.</p>	https://www.pharmacy.purdue.edu/research/summer-research
Brandeis University Research Experience for Undergraduates	Multiple Locations	<p>The REU is a summer research program that will fund undergraduate students assigned to MRSEC laboratories. 10 weeks of hands-on research in a Brandeis MRSEC laboratory.</p>	<ul style="list-style-type: none"> - Must be U.S. Citizen, U.S. National, or permanent resident - Must be currently enrolled in an undergraduate program (biology, chemistry, physics, materials science, bio-engineering, computer science and related fields). Students from community colleges are strongly encouraged to apply. - Students from underrepresented minority groups, women and individuals with disabilities are strongly encouraged to apply. 	<ul style="list-style-type: none"> - Background/identifying information - Academic information - Resume - Transcript (we will accept unofficial transcripts) - Responses to the two essay prompts - Recommendation letters from two faculty members 	https://www.brandeis.edu/mrsec/education/undergraduates/reu.html
Dialysis Clinic Inc. Collegiate Medical Summer Internship Program	Multiple Locations	<p>The medical summer internship entails shadowing physicians on rounds in the hospital, observing and assisting in an outpatient/clinic facility, and observing the coordination of a transplant. In addition, students will be able to visit the local Organ Procurement Organization (OPO) and HLA lab. Participants may also have the opportunity to do data collection for the transplant service or work on a clinical research project. In addition to the medical portion of the internship, all interns will also participate as a counselor for Camp Okawehna, a week-long camp for dialyzed and post-kidney transplant children. Each intern's role is essential to the functioning of camp, and many interns have said that the week at camp was their favorite and most remarkable part of their entire summer internship. The camp is located in Nashville, TN, and will take place the week following orientation.</p>	<p>There is a strong preference for students currently in their junior year of college with a serious interest in medicine.</p>	<ul style="list-style-type: none"> - An essay explaining why you are interested in participating in this internship - Resume - One letter of recommendation 	https://www.dciinc.org/internships

Hofstra North Shore/LIJ School of Medicine Feinstein Institute for Medical Research Student Intern Program	Multiple Locations	The Feinstein Institutes' Summer Student Internship Program is a mentored program designed to provide current college students with hands-on experience and familiarize them with career opportunities in disease-oriented research. High school students are not eligible to participate in the Internship Program, but can participate in the Summer Visiting Scholar Program. Up to 25 students will be accepted into the internship program. Interns are matched with research faculty according to their stated institute of interest and work on an ongoing research project in one of the expert programs.	Current college students with an interest in medical research are eligible to apply.	- One recommendation letter	https://feinstein.northwell.edu/education/summer-student-intern-program
Penn State University, College of Medicine STEP-UP - Short-Term Educational Program for Underrepresented Persons	Multiple Locations	STEP-UP provides an opportunity for students from diverse backgrounds and communities to participate in summer research in the areas of diabetes, nutrition, obesity, and digestive, kidney, and hematological diseases. The STEP-UP program supports students for 10 full-time consecutive weeks of basic or clinical research with experienced faculty. The research experience begins in late May and is completed by early August, culminating with an all-expense paid trip to the Annual Undergraduate STEP-UP Conference in mid-August at the NIH in Bethesda, MD. Students will present their summer research to peers, mentors, and experts from the scientific community.	This opportunity is open to undergraduate students, including African-American, Hispanic American, American Indian, Alaskan Native, Native Hawaiian, and other Pacific Islanders, who have completed at least one year of college by June of the program year. Students must be U.S. citizens, non-citizen nationals, or legal permanent residents.	- A Personal Statement of no more than 600 words - Two letters of recommendation from academic references - Your academic transcript which reflects all earned credits and grades through December. Transcripts must be uploaded to your application - Your resume	https://med.psu.edu/step-up
Multidisciplinary International Research Training Program (MIRT)	Multiple Locations	The Harvard Multidisciplinary International Research Training (MIRT) Program is a national program designed to encourage students to pursue careers in biomedical and behavioral research. The program provides support for undergraduate and graduate students to do health-related population-based research and training in developing countries. Trainees get knowledge of scientific literature associated with projects, biomedical research ethics, and cultural aspects with a focus on how these aspects affect public health issues as well as scientific and medical issues.	Must contact program coordinator for information.	Must contact program coordinator for information.	https://www.hsph.harvard.edu/epidemiology/diversity/hsph-mirt-program/
NIH Introduction to Cancer Research Careers (ICRC)	Multiple Locations	If a candidate is hired by an NCI investigator as a fellow, they will work under the investigator's direction and in concert with other researchers, fellows, and technicians. Fellows will have the opportunity to attend seminars on topics related to basic, clinical, biomedical and behavioral research, human health, healthy lifestyles, and health disparities. Fellows will also be able to participate in professional development workshops during their fellowship.	- Be within two years of graduation from an accredited U.S. college or university prior to the start of the program in August - GPA of 3.2 or higher and good academic standing - Demonstrate current or past research experience - Available for a one or two year post-baccalaureate fellowship - United States citizen or permanent resident (green card) - Must be at least 18 years of age before the start of fellowship	- Unofficial transcripts - A Personal Statement addressing why you are interested in cancer research, what your career aspirations are, and why you should be selected to participate in the ICRC Program - A Diversity Statement explaining how your participation would further the goal of the ICRC Program to encourage diversity in biomedical research - Name and contact information of two references able to submit a letter of recommendation on your behalf	https://icrc.nci.nih.gov/
NIH Community College Summer Enrichment Program (CCSEP)	Multiple Locations	In addition to performing full-time research in a research group at the NIH, CCSEP interns will meet each week as a group with students in the College Summer Opportunities to Advance Research (C-SOAR) program. Together they will participate in workshops and courses focused on the development of academic, professional, and wellness skills in preparation for careers in health care and in social, behavioral, and biomedical research.	- U.S. citizens or permanent residents; - Enrolled at least half-time in an accredited Community College (this includes two-year Tribal Colleges) in the U.S	- Letters of recommendation - Cover Letter	https://www.training.nih.gov/ccsep_home_page
NIH Division of Cancer Epidemiology and Genetics	Multiple Locations	The Division of Cancer Epidemiology and Genetics (DCEG) offers a summer research internship for students interested in exploring careers in cancer epidemiology, biostatistics, and genetics. The program is open to high school, college, postbaccalaureate masters-level students, and graduate students, including medical and dental students. Successful applicants join the Division for at least eight weeks between May and September and work under the supervision of a Division researcher. This program is part of the NIH Summer Internship Program (SIP) in Biomedical Research.	- are U.S. citizens or permanent residents, AND - are enrolled at least half-time in an accredited college (including community college) or university as an undergraduate	- A curriculum vitae or resume - A list of coursework and grades (please note: we do not need a transcript at this time) - A cover letter describing the applicant's research interests and career goals - The names and contact information for two references	https://dceg.cancer.gov/fellowship-training/summer-internships
NASA Internships	Multiple Locations	NASA Office of STEM Engagement (OSTEM) paid internships allow high school and college-level students to contribute to agency projects under the guidance of a NASA mentor.	Applicants for this internship must be U.S. Citizens and meet a minimum 3.0 GPA requirement.	- Online application materials	https://intern.nasa.gov/

Summer Health Professions Education Program (SHPEP)	Multiple Locations	<p>The Summer Health Professions Education Program (SHPEP) is a free summer enrichment program focused on improving access to information and resources for college students interested in the health professions. SHPEP's goal is to strengthen the academic proficiency and career development of students underrepresented in the health professions and prepare them for a successful application and matriculation to health professions schools. These students include, but are not limited to, individuals who identify as African American/Black, American Indian and Alaska Native and Hispanic/Latino, and who are from communities of socioeconomic and educational disadvantage.</p>	<ul style="list-style-type: none"> - Must be a high school graduate and currently enrolled as a freshman or sophomore in college. - Have a minimum overall college GPA of 2.5. - Be a U.S. citizen, a permanent resident, or an individual granted deferred action for childhood arrivals (DACA) status by the U.S. Citizenship and Immigration Services. - Must not have previously participated in the program. 	<ul style="list-style-type: none"> - Personal Statement - One letter of recommendation - Official Transcript 	https://www.shpep.org/about/
NOAA Ernest D. Hollings Undergraduate Scholarship	Multiple Locations	<p>The Hollings Scholarship Program provides successful undergraduate applicants with awards that include academic assistance (up to \$9,500 per year) for two years of full-time study and a 10-week, full-time paid (\$700/week) internship at a NOAA facility during the summer. The internship between the first and second years of the award provides the scholars with hands-on, practical experience in NOAA-related science, research, technology, policy, management, and education activities. Awards also include travel funds to attend a mandatory NOAA Scholarship Program orientation and the annual Science & Education Symposium, scientific conferences where students present their research, and a housing subsidy for scholars who do not reside at home during the summer internship.</p>	<ul style="list-style-type: none"> - Be a U.S. citizen. - Be currently enrolled or accepted at an accredited college or university within the United States or U.S. territories as either: <ul style="list-style-type: none"> - a full-time 2nd year student in a four-year undergraduate program - a full-time 3rd year student in a five-year undergraduate program - a community college or transfer student who is applying to a four-year institution - Earn and maintain a cumulative grade point average (GPA) of 3.0 on a 4.0 scale (or equivalent on another identified scale) each term, as well as an overall GPA of 3.0 in your major field of study. - Have and maintain a declared major in a discipline including, but not limited to: oceanic, environmental, biological, and atmospheric sciences, mathematics, engineering, remote sensing technology, computer and information science, physical and social sciences including geography, physics, hydrology, geomatics, or teacher education that support NOAA's programs and mission. 	<ul style="list-style-type: none"> - One essay - Official college transcript - Two references 	https://www.noaa.gov/office-education/hollings-scholarship

Additional Internships						
Internship Name	Location	Stipend?	Description	Eligibility	Materials Needed for Online Application	Link
Stanford Medicine Clinical Summer Internship	Stanford, California	No	The Stanford Clinical Summer Internship (Stanford-CSI) is a 2-week program for rising high school juniors, seniors, and undergraduate pre-med students designed to empower and energize diverse learners as they delve into the art, science, and joy of practicing medicine. Participants will gain clinical skills and knowledge across a wide variety of specialties as well as insights to help plan for a career in medicine. The richly diverse and unique curriculum includes skills sessions, interactive lectures and hands-on activities in a variety of specialties. Large and rotating small group breakout sessions are led by top-notch Stanford faculty clinicians and researchers, as well as medical and physician assistant students who provide an inside knowledge of their rigorous and yet fulfilling journeys through medicine. Stanford Medical School Admission staff will offer unique insights and guidance through the admissions process.	The program is open to rising high school juniors, seniors, and undergraduate premedical students. Applicants must be 16 years or older by the session start date.	<ul style="list-style-type: none"> - Two short essays - Transcripts from undergraduate universities - Resume - Two letters of recommendation 	https://med.stanford.edu/medcsi/application.html
Keck Graduate Institute Summer Undergraduate Research Experience (SURE)	Claremont, California		The Summer Undergraduate Research Experience (SURE) program for undergraduate research in biotechnology and bioengineering at Keck Graduate Institute (KGI) in Claremont, CA provides undergraduate students the opportunity for cutting-edge, interdisciplinary research in the areas of applied molecular and cellular biology, bioengineering, computational biology, drug discovery and development, as well as exposure to related ethics and business topics.	The SURE program is appropriate for motivated undergraduate students majoring in biology, chemistry, engineering, or related disciplines. One of the program goals is to promote the success of women and underrepresented minorities in science and engineering.	<ul style="list-style-type: none"> - Personal Statement - Supplemental Essay - Resume - Letter of Recommendation (optional) - Transcripts 	https://www.kgi.edu/academics/summer-programs/summer-undergraduate-research-experience/
Emory Summer Undergraduate Research Experience (SURE)	Atlanta, Georgia		The SURE program is a ten-week summer program during which undergraduate research fellows conduct full-time independent research under the direction of a faculty mentor. Our summer researchers receive a housing award for residence on the Emory campus and a stipend to support their full-time attention to research training and professional development. Student researchers benefit from hands-on research, mentorship, networking opportunities, and graduate school preparation. SURE provides an opportunity for students to discuss research and start building their professional network with world-renowned researchers and the best and brightest peers from Emory and other institutions.	Both Emory and non-Emory students are eligible to apply for the Natural and Biomedical Sciences Program. Humanities, Arts, and Social Sciences is only open to current Emory College students.	<ul style="list-style-type: none"> - Letter of recommendations - Academic transcript - Personal Statement (500 words or less) - Current CV/Resume 	http://college.emory.edu/undergraduate-research/summer/index.html
University of Chicago Summer Pathways Program	Chicago, Illinois		The University of Chicago Pritzker School of Medicine is home to a variety of pathway programs that prepare and inspire talented high school and college students to pursue careers in medicine and in health-related research.	Varies by program.	Varies by program.	https://pritzker.uchicago.edu/resources/summer-pathway-programs
Harvard Orthopedic Trauma Undergraduate Summer Internship	Boston, Massachusetts		The Harvard Orthopedic Trauma Service is a busy pan-campus orthopaedic trauma service with sites at four Harvard-affiliated Level I Trauma Centers: Massachusetts General Hospital, Brigham & Women's Hospital, Beth Israel Deaconess Medical Center and Boston Children's Hospital. We are actively recruiting undergraduates to work with our clinical research team. The main aim of the internship is to provide interns with a basic understanding about clinical research, primarily through providing practical experience. The secondary aim is to provide opportunities for interns to shadow in the clinical environments in order to see what life is like in the hospital setting.	<p>All current full-time freshman, sophomores and juniors are eligible to apply, provided that they:</p> <ul style="list-style-type: none"> - Are currently enrolled full-time in a four-year accredited college or university at the time of application - Are interested in clinical research and/or considering careers in medicine or healthcare - Are U.S. citizens or legal permanent residents 	<ul style="list-style-type: none"> - Resume - One academic letter of recommendation - One professional letter of recommendation 	https://www.massgeneral.org/orthopaedics/education-and-training/internships/orthopaedic-trauma-summer-internship
Harvard Summer Program in Epidemiology	Boston, Massachusetts		The Epidemiology Department is proud to offer a summer program for undergraduates from underrepresented groups to gain exposure to the field of public health through coursework, lectures, and research projects.	<ul style="list-style-type: none"> - Applicants must be U.S. citizens, U.S. nationals, or permanent residents of the U.S. - Applicants must have a GPA of 3.0 or above - Applicants must be from a quantitative science background or have taken several quantitative classes beyond intro-level courses - Applicants must demonstrate an interest in public health - Applicants must identify with at least one underrepresented group in biomedical research 		https://www.hsph.harvard.edu/epidemiology/diversity/summer-program-in-epidemiology/

Harvard Stem Cell Institute (HSCI) program	Boston, Massachusetts		The Harvard Stem Cell Institute (HSCI) Internship Program (HIP) provides undergraduate students with a focused and challenging summer research experience in a cutting-edge stem cell science laboratory. Interns are exposed to different professional options within the scientific arena through a stem cell seminar series, a career pathways presentation, and a weekly stem cell companion course. Students present their summer research findings, both orally and in poster format, at the HIP Symposium—a requirement of all program participants.	- This undergraduate internship program is open to rising sophomores, juniors, and seniors who express a strong interest in stem cell biology. - Candidates must be enrolled in a program in the natural sciences or biomedical engineering. - Applicants may be from any college or university across the United States and internationally. - Harvard University will sponsor the visas for international students who are selected for this program. - Previous research experience in a biological laboratory is highly desirable, but not required.	- Resume/CV - Two letters of recommendation - Personal Statement - Transcript	https://hsci.harvard.edu/research/hsci-internship-program-hip
Atlantic Health System Newton Summer Internship Program	New Jersey	No	We have identified medical professionals who are committed to teaching and sharing their experiences. During the program, you will shadow these professionals in one-day rotations to see what life is like in each particular field. Rotations include experience in the operating room, emergency department, hospital floors, physician offices or meetings. You will have the opportunity to interact on a personal basis with the health care professionals.	You must have completed at least one year of college by the time the program begins to apply to this program. Consideration will be given to class level and academic standing.	- A one-page cover letter stating why you would like to be considered for the program (less than 300 words) - Driver's license - Current resume - Copy of your most recent academic transcript (unofficial transcript is preferred) - Completed medical forms signed by your primary care physician which include A complete statement of evidence of the following immunizations, completed by the physician: PPD, MMR, hepatitis B immunity (titer preferred for high risk), varicella vaccine or documented history of chicken pox, flu vaccine, COVID vaccines that include booster	https://www.atlantichealth.org/professionals-medical-education/internship-programs/newton-summer-internship-program.html
Boyce Thompson Institute Undergraduate Research Experience Internships	Ithaca, New York		While BTI & Cornell offer various projects and opportunities for undergraduates, all selected students will be considered apart of one cohort and participate in joint activities during the 10-week program.	Varies by program.	Varies by program.	https://btiscience.org/education-outreach/bti-internships/
NYU Langone Health Emergency Medicine Project Healthcare Summer Volunteer Program	New York, New York	No	Participants rotate through various clinical areas of Bellevue's emergency department, including adult, pediatric, and psychiatric emergency rooms; the emergency ward—trauma intensive care unit; urgent care; social work offices; operating rooms; and the cardiac catheterization lab. At the start of the program, participants are paired with a resident mentor, whom they shadow and rely on for professional guidance throughout the summer. Participants engage with the greater Bellevue and New York City communities by organizing a community health fair; presenting end-of-summer projects to NYU Langone and Bellevue faculty and staff; and volunteering for optional programs, such as Children of Bellevue's Reach Out and Read (ROAR).	We welcome applications from students who have completed at least one year of college by the program start date.	- Current resume - A recent professional photo - An essay of 500 to 750 words in which you discuss why you are interested in joining the program, what you can contribute, and how participating will help you reach the career goals you listed on your application - Two letters of recommendation, each sent by the recommender on letterhead, and containing a physical or electronic signature	https://med.nyu.edu/departments-institutes/emergency-medicine/divisions/emergency-medicine-community-outreach-partnerships/volunteer-project-healthcare-summer-volunteer-program
DeBaakey Summer Surgery Program	Houston, Texas	No	The Michael E. DeBaakey Summer Surgery Program familiarizes the student with hospital and operating room environments as well as time management skills. Students selected for this eight-week program will be assigned to a surgery faculty mentor who they will work closely with by participating in their surgical service activities at one of the following hospitals: Ben Taub Hospital, Baylor St. Luke's Medical Center or Texas Children's Hospital. The mentors will include faculty members from the following surgical services: general surgery and its subspecialty areas, plastic surgery, pediatric surgery, vascular surgery, congenital heart, thoracic surgery and cardiothoracic surgery.	Registration for the Michael E. DeBaakey Summer Surgery Program begins Oct. 1 and closes at 11:59 p.m., Feb. 1 of each year. Applicants must be a currently enrolled, undergraduate, pre-medical, college student interested in pursuing a medical career and have completed at least the sophomore year of their undergraduate studies.	- Professional headshot photographs - College transcripts. (Unofficial transcripts are acceptable.) - Personal Statement (one page/single spaced) - Resume/CV - Three letters of recommendation	https://www.bcm.edu/departments/surgery/education/training-programs/summer-surgery-program
UNT Undergraduate Research Summer Internships	Fort Worth, Texas		Includes the Summer Multicultural Advanced Research Training (SMART), the Developing Undergraduate Researchers-Matter (DURA-M) Program, and the Summer Scholars in Cancer Research (SSCR) Program	Eligibility varies by program.	Required documents vary by program.	https://www.unthsc.edu/thd/undergraduate-summer-research-internships/
MD Anderson DACCPM Summer Research Program	Houston, Texas	No	The DACCPM Summer Research Program is an intensive 6–12 week internship for high school students (ages 16 and older), college students, and medical students who have completed their MS1 year. The Division of Anesthesiology, Critical Care & Pain Medicine offers research trainees the opportunity to learn critical research skills in both the laboratory and clinical environment at MD Anderson. Students interested in pursuing careers in scientific research and medicine will benefit greatly from the experience.	- High school students must be 16 or older. They must be in good academic standing or graduating, and they must all have proof of enrollment. - College students must be in good academic standing with proof of enrollment for the spring semester.	- Personal information, including contact information and mailing address - Transcripts from undergraduate universities - Personal statement - CV/Resume - Additional documents required by the institution	https://www.mdanderson.org/education-training/degrees-programs/summer-research-programs/daccpm-summer-research-program.html

Houston Methodist Summer Internship Programs	Houston, Texas		The Houston Methodist Institute Academic Institute offers an unparalleled 10-week summer student program that matches faculty members with medical students and college undergraduates as they focus on a single research project. Students also attend weekly didactic lectures given by mentors, invited speakers and other leaders.	Varies by program.	Varies by program.	https://www.houstonmethodist.org/education/medical-graduate-student/summer-internship-program/
VA Center of Excellence Research Program (VA-CERP)	Waco, Texas	No	Interns are supervised by doctoral-level researchers and trained in several aspects of research including (but not limited to): data entry, data management, screening participants, literature searches, reviewing articles, coordination of research materials, and participating in weekly staff meetings. CoE staff also provide interns with mentorship in preparing for graduate and medical school applications, and, through an educational component, interns learn to become critical consumers of scientific literature and gain knowledge about advancements in the field of mental health research.	This is a two-semester commitment, Fall and Spring.	- Professional Resume or CV, please upload within the online application. - Personal Statement: Please submit a Personal Statement that addresses the questions listed within the first section of the application. The purpose of this short answer response is to help the selection team understand you as a person and your fit for these opportunities. - Letter of Recommendation: Each applicant should have one Baylor science professor (i.e., psychology, neuroscience, social science, biology, chemistry, etc.) to submit a letter of recommendation on your behalf.	https://www.baylor.edu/prehealth/index.php?id=93416
OU Health Cancer Undergraduate Research Experience (CURE)	Multiple Locations		The CURE Program offers students a chance to receive intensive hands-on training and experience in active research laboratories over an nine-week summer program. In addition, the scholars will also be a part of a journal club and many other exciting opportunities.	- An undergraduate student who has completed between 60 and 100 credit hours. - A United States citizen or permanent resident or have unrestricted employment authorization in accordance with applicable Immigration and Naturalization Service regulations (example: J-2 with Employment Authorization Document or F-1 with approval from your education institutes International Services Office). Applicants with an H-4 visa are NOT eligible. - Willing and able to commit to the program's entire nine-week time frame - Scholars are selected based on aptitude and interest in science and math, academic standing, essays and recommendation letters written as part of the application process.	- Transcripts	https://www.ouhealth.com/stephenson-cancer-center/cancer-research/cancer-research-professional-education-training/high-school-undergraduate-programs/cancer-undergraduate-research-experience/
University of California, Los Angeles Summer Programs for Undergraduate Research	Multiple Locations		Student participants in many SPUR programs will work with a faculty mentor with special expertise and interests matched, as closely as possible, to the student's research interests and career goals. Most but not all SPUR programs pair students with a faculty mentor. Students will either assist the faculty member in an ongoing research project or work collaboratively with the mentor in designing a new project of mutual interest.	Varies by program.	Varies by program.	https://grad.ucla.edu/admissions/diversity/summer-programs-for-undergraduate-research-spur/
Rice University Summer Cardiovascular Research Internship Program (SCRIP)	Houston, Texas	Yes	Located adjacent to the Texas Medical Center - the largest medical center in the world - Rice offers a unique opportunity for undergraduates to perform cutting-edge cardiovascular research ranging from fundamental science and translational medicine to community health. The SCRIP at Rice, administered by the Institute of Biosciences and Bioengineering (IBB), will recruit undergraduates from the greater Houston area to perform research in the departments of Bioengineering, Biosciences, Chemical and Biomolecular Engineering, Chemistry, Computational and Applied Mathematics, Psychology, Sociology, and Statistics.			https://reu.rice.edu/cardiovascular-research
Rice University Multi-Scale Biomolecular Networks (BioNetworks)	Houston, Texas	Yes	In this summer REU, students will work on research projects under faculty mentors that draw from a range of approaches (classical biochemical and genetic to non-trivial theoretical models that require computation) to study naturally-occurring genetic networks, artificial genetic and metabolic networks, and biomolecular structure, function, and evolution.			https://reu.rice.edu/bionetworks
Heal the City Summer Internship	Amarillo, Texas	Yes	As an HTC Intern, you will gain valuable skills related to clinical experience, meeting social determinants of health needs, holistic approaches to care and more from skilled professionals in a supportive environment. Positions available related to nearly any field, from pre-health to social work, nonprofit management to marketing and beyond.			https://www.healththecityamarillo.com/

Summer Research Education in Cardiovascular Conditions (RECV) Program	New York, New York (Virtual in 2022)	Yes	Participants attend weekly seminars and work with investigators on a variety of research topics. The program focuses on cardiovascular conditions and related topics including health disparities, ethics, genomics, clinical research, and evidence-based practice. In addition, students have an opportunity to participate in research experiences using remote technology as well as be a part of writing groups that develop peer-reviewed publications. At the end of the program, students participate in a virtual poster session.	- Undergraduate or graduate (masters) level student	- Complete online application form (resume, essay, and statement from advisor)	https://nursing.nyu.edu/innovation/recv-program?tid=nyunursing-tabs-16126&tid=about
BU TDRIP - Tropical Disease Research Internship Program	Houston, Texas		Baylor College of Medicine - National School of Tropical Medicine in collaboration with Baylor University's Prehealth Program has developed a Tropical Disease Research Internship Program during the summer to provide five undergraduate students who plan a career in global healthcare the opportunity to spend 9 weeks of their summer working with leaders in tropical disease research. The BU-TDRIP summer interns will be selected through a competitive application process coordinated with BU's Director of Prehealth Programs and the BCM-NSTM Laboratory & Compliance Manager		Acceptance to this program will be based on academic achievements, student involvement, and best fit in order to create valuable volunteer/institution relationships.	https://www.baylor.edu/prehealth/index.php?id=946777
OU Summer Undergraduate Research Programs	Oklahoma City, Oklahoma	Yes	The Graduate College at the OU Health Sciences Center hosts five summer undergraduate research programs aimed at preparing and encouraging undergraduate students to pursue careers in biomedical research or health-related sciences. Studies show undergraduate research programs are beneficial to the success of applying to and completing a graduate degree program. Our programs introduce outstanding undergraduate students to the rigorous academic preparation required to achieve these goals, through participation in intensive, full-time (40 hours/week), hands-on research experiences in the laboratories of OUHSC biomedical faculty mentors in Oklahoma City.		- General Applicant Information - Personal Statement - University/College Transcript(s) - Contact information for two references	https://graduate.ouhsc.edu/Research/Summer-Undergraduate-Programs
MUSC College of Dental Medicine Summer Undergraduate Research Program	Charleston, South Carolina	Yes	The MUSC Summer Undergraduate Research Program (SURP) is a 10-week research and educational based program run by the College of Graduate Studies on the campus of the Medical University of South Carolina. The purpose of the SURP is to promote access to graduate education and to enhance specific skills that are required for success in a subsequent D.M.D., M.D., Ph.D. or dual degree (D.M.D./Ph.D., M.D./Ph.D.) in Biomedical Sciences. MUSC offers this valuable opportunity to academically talented and motivated students who confirm a strong interest in graduate and/or doctoral studies.			https://dentistry.musc.edu/research/cohr/undergraduate
BCM Summer Administrative Internship Program	Houston, Texas		The Administrative Internship Program is an eight-week internship that provides exposure to the administrative roles that support the clinical, research and education missions of the institution. Each department will contribute to the education and learning enhancement by developing goals and projects specific to the intern's needs. There will be additional learning opportunities offered by speakers from different areas of Baylor College of Medicine. Please note that this internship is not structured to provide opportunities to shadow clinical physicians or conduct research in a wet lab environment.	This program is open to graduate and undergraduate students.		https://www.bcm.edu/about-us/leadership/office-of-the-president/summer-internship-program
St. Mary's University Maximizing Access to Research Careers (MARC)	San Antonio, Texas	Yes	The Maximizing Access to Research Careers (MARC) Undergraduate Student Training in Academic Research (U*STAR) is sponsored by the National Institute of General Medical Sciences (NIGMS). This Junior/Senior training program is for students with an earnest desire to attend graduate school and obtain a Ph.D. MARC U*STAR provides underrepresented students majoring in Biology, Biochemistry, Chemistry, Biophysics, Environmental Science, Mathematics or Engineering opportunities to complete biomedical research training and work alongside faculty mentors in the biomedical sciences. Undergraduate students participating in the MARC U*STAR program are provided with academic and research support to prepare them for Ph.D. programs in the biomedical sciences.			https://www.stmarytx.edu/academics/special-programs/marc-ustar/

Lombardi Comprehensive Cancer Center Summer Research Volunteer Program	Washington D.C.		During the 8-week program, students work full-time (40 hours/week) on independent research projects under the guidance of a research scientist. Students either work on a specific project assigned to them or work alongside postdoctoral fellows and graduate students. Many times the mentors will assign program participants to one of their fellows and graduate students inside the laboratory. Mentors will meet with program participants periodically to measure progress and address any questions.	Undergraduate Students: No previous research experience is necessary. - Students must be 16 years of age by June 1 of the year of application. - Students must commit fully to all 8 weeks of the program. The exact dates for the program are announced in January each year and the application process starts February 1 and closes March 31. If you are unable to commit to participation for the duration of the eight weeks you will not be considered for participation.	https://lombardi.georgetown.edu/education/summer_volunteer/#_ga=2.260437387.767622551.1659636364-1430994766.1659636364
Rutgers Summer Clinical Internship Program	New Brunswick, New Jersey		Participants will have the opportunity to shadow clinical faculty members at the medical facilities in New Brunswick, New Jersey. Distinguished faculty from a variety of specialties will host students. Students will be paired with faculty in specialties representing students' interests. The program runs 5 days a week for 6 weeks. Students are encouraged to keep the hours of the clinicians in order to get a real sense of the specialty, the issues in patient care and the practice of medicine. A lunchtime seminar series will complement the clinical experiences. Students will also take part in a pedagogic exercise at the end of the program. Students will make brief presentations to their peers in topics selected and researched with the guidance of the faculty preceptors.		https://rwjms.rutgers.edu/education/medical_education/programs-prior-to-medical-school/programs-for-undergraduate-students/summer-clinical-internship-program
Harvard Medical School Summer Honors Undergraduate Research Program (SHURP)	Cambridge, Massachusetts	Yes	SHURP is a ten-week summer program offered by the Division of Medical Sciences at Harvard Medical School and the Graduate School of Arts and Sciences. It seeks to provide underrepresented minority college students an opportunity to gain training and mentorship in scientific research.		https://shurp.hms.harvard.edu/
Penn State University, College of Medicine SURF – American Heart Association Summer Undergraduate Research Fellowship	Hershey, Pennsylvania	Yes	The Penn State Health and Penn State College of Medicine American Heart Association - Undergraduate Student Fellowship (AHA-USF) Program in Cardiovascular Disease is supported by a grant from the American Heart Association. The program provides support for students to spend 10 weeks in a biomedical research laboratory focused on cardiovascular research. The students in the AHA-USF program participate in weekly career development workshops and research seminars, in which students will have the opportunity to interact with basic science researchers and clinical cardiologists.		https://med.psu.edu/aha-usf/
University at Buffalo (SUNY) School of Medicine and Biomedical Sciences Summer Undergraduate Research Experience (SURE)	Buffalo, New York	Yes	Our program provides you with research experience in a state-of-the-art biomedical research laboratory as a prelude to pursuing a PhD. At the end of our program, you'll know if a biomedical research science career is right for you.	U.S. citizens or permanent residents in their sophomore year or later at the time of application. We do not accept pre-medical students. Some level of previous undergraduate research experience is recommended.	https://medicine.buffalo.edu/education/undergraduate/sure.html
University of Texas School of Medicine at San Antonio Greehey CCRI Donald G McEwen, Memorial Summer Undergraduate Research & High School Program	San Antonio, Texas	Yes	The purpose of the Greehey Children's Cancer Research Institute's (Greehey CCRI) Undergraduate Summer Internship Program is to allow talented undergraduate and high school students interested in a career in academic research the opportunity to spend approximately ten weeks during the summer conducting hypothesis-driven research in childhood cancer in one of the laboratories at the Greehey Children's Cancer Research Institute.		https://gccri.uthscsa.edu/research/summer-program/
New York Medical College Summer Trainees in Academic Research (STAR)			The Summer Trainees in Academic Research (STAR) Program at New York Medical College, established in 2012, was created to enhance the research experience of high school and undergraduate students who wish to conduct mentored scientific investigations in our labs over the summer.		https://www.nymc.edu/graduate-school-of-basic-medical-sciences-gsbms/star-program/