<table>
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<tr>
<th>Internship Name</th>
<th>Location</th>
<th>Description</th>
<th>Eligibility</th>
<th>Materials Needed for Online Application</th>
<th>Link</th>
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</thead>
</table>
| University of Alabama at Birmingham Summer Research Programs for Undergraduates | Birmingham, Alabama          | UAB-Hersink SOM Clinical and Research Undergraduate Summer Program Opportunities: SIBS, PARA5GM, 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, SURF-GM is only open to sophomores (i.e., rising juniors) who are US Citizens or Permanent Residents. In comparison, the SURF program prefers applicants be sophomores or juniors who are U.S. citizens or Permanent Residents. | - Eligibility for the UAB SOM Undergraduate Research Programs varies based on the aims of the individual programs and funding sources. Specifically, SIBS, PARA5GM, 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, SURF-GM is only open to sophomores (i.e., rising juniors) who are US Citizens or Permanent Residents. In comparison, the SURF program prefers applicants be sophomores or juniors who are U.S. citizens or Permanent Residents. | - Statement of Academic Interest and Career Goals  
- Resume  
- Contact Information for faculty who are writing your letters of recommendation  
- Transcript | https://www.uab.edu/mcb/circle/gb/ |
| 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. 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. | - Undergraduate students who have completed at least their sophomore year  
- Must have completed at least one year of calculus  
- African Americans, Latinos and Native Americans are strongly encouraged to apply  
- U.S. Citizens/Permanent Residents | - 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. | - A U.S. citizen, permanent resident, or F-1 visa holder  
- Rising junior or senior: have a GPA of 3.0 or higher  
- Some familiarity with at least one programming language (e.g. python, R, Java, MATLAB, C++, etc.)  
- Preferably have taken bioinformatics or biostatistics courses | - 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://igb.ucla.edu/big-summer |
<table>
<thead>
<tr>
<th>University of California, San Francisco Summer Research Training Program</th>
<th>San Francisco, California</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>San Francisco Department of Public Health SHARP Summer HIV/AIDS Research Program</td>
<td>San Francisco, California</td>
<td>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.</td>
</tr>
<tr>
<td>Stanford Advancing Health Equity and Diversity (AHEaD) Population Health Summer Research Program</td>
<td>Stanford, California</td>
<td>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. U.S.-based college students (US citizens or permanent residents) from underrepresented and historically excluded populations will be considered.</td>
</tr>
<tr>
<td>California Academy of Sciences Summer Systematics Institute</td>
<td>San Francisco, California</td>
<td>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.</td>
</tr>
<tr>
<td>Colorado Summer Institute in Biostatistics (CoSIBS) at Colorado School of Public Health</td>
<td>Aurora, Colorado</td>
<td>The Colorado Summer Institute in Biostatistics (CoSIBS) is an interdisciplinary training and research program that introduces undergraduates 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. 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.</td>
</tr>
<tr>
<td>Colorado State University Research Experience for Undergraduates (REU)</td>
<td>Fort Collins, Colorado</td>
<td>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:</td>
</tr>
<tr>
<td>Hartford Healthcare Summer Student Pre-Med &amp; Research Programs</td>
<td>Hartford, Connecticut</td>
<td>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.</td>
</tr>
<tr>
<td>University of Connecticut Health Center Undergraduate Summer Research</td>
<td>Farmington, Connecticut</td>
<td>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.</td>
</tr>
</tbody>
</table>

https://graduate.ucsf.edu/srtp#programs
https://sharpsinternship.umd.edu/
https://med.stanford.edu/about/epidemiology/infections/diabetes-program.html#program-details
https://www.calacademy.org/summer-systematics-institute
https://coloradosph.uchsc.edu/educationaldepartment/biostatistics/informatics/cosibs
https://www.chem.colostate.edu/summer-programs/reu-program/
https://graduate.ucsf.edu/graduate-student-pre-med/programs/
https://health.uconn.edu/academics/program details/summer
https://health.uconn.edu/academics/program details/
https://gradschool.uconn.edu/academics/program details/summer
Yale Summer Undergraduate Medical Research  
New Haven, Connecticut

The program’s mission is 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.

- 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.
- 500-word description of his or her research interest and how this relates to long-term career goals.
- Two letters of recommendation
- Transcript
- Resume

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 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.

- 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

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.

- Proof of health insurance upon acceptance into the program
- International students that are currently 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.
- Summer students applying must have a GPA >3.5 (0-4.0 scale).
- Undergraduate students majoring in science or engineering.
- U.S. Citizen or permanent resident.
- Minorities and women are strongly encouraged to apply.

- One-page statement of interest that describes your motivations, expectations and long-term objectives
- One-page statement of interest that describes your motivations, expectations and long-term objectives
- Online application materials

Florida Atlantic University Summer Integrative Neuroscience Experience (SINE)  
Jupiter, Florida

This is a paid 9-week summer educational 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).

- 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.)

- One-page statement of interest that describes your motivations, expectations and long-term objectives
- Online application materials

CDC Collegiate Leaders 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 (EHS/BNAC). Interns participate in activities with the Environmental Health Services (EHS) of CDC’s National Center for Environmental Health (NCEH). Over the summer, interns will 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.

- 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.)

- Online application materials

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 (EHS). Interns participate in activities with the Environmental Health Services (EHS) of CDC’s National Center for Environmental Health (NCEH). Over the summer, interns will 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.

- 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.)

- Online application materials
<table>
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<tr>
<th>Location</th>
<th>Program Name</th>
<th>Selection Criteria</th>
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</table>
| Evanston, Illinois       | The Summer STAR (Student Training And Research) Program                     | - Must have completed 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.  
- 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.                                                                                           |
| Augusta, Georgia         | The Summer Research Opportunity Program (SROP)                             | - 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.  
- 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.  
- U.S. citizen or Legal Permanent Resident at the time of applying.  
- 18 years or older at the time the internship begins.  
- Have an interest in pursuing a doctoral degree (PhD) at Northwestern University. Those interested in pursuing an MBA, JD, or MD are not eligible.                                                                                                                |
| Lemont, Illinois         | 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 typcial 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. | - 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.  
- U.S. citizen or Legal Permanent Resident at the time of applying.  
- 18 years or older at the time the internship begins.  
- Have an interest in pursuing a doctoral degree (PhD) at Northwestern University. Those interested in pursuing an MBA, JD, or MD are not eligible.  
- Submit two (2) letters of recommendation.                                                                                                                                                                                                 |
<table>
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<tr>
<th>Program Name</th>
<th>Location</th>
<th>Description</th>
<th>Eligibility Requirements</th>
<th>Application Materials</th>
<th>Website</th>
<th>Email</th>
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<tr>
<td>ISU Biological Materials and Processes Experience for Undergraduates (BioMaREU)</td>
<td>Ames, Iowa</td>
<td>The program creates novel research experiences for undergraduates by connecting students with various research opportunities across different disciplines.</td>
<td>This opportunity is open to U.S. citizens and permanent residents.</td>
<td>Online application materials</td>
<td><a href="https://www.public-health.rockville.md.gov/research">Website</a></td>
<td><a href="mailto:info@biofarm.state.md.us">Contact</a></td>
</tr>
<tr>
<td>Iowa Summer Institute in Biostatistics (ISIB) Program at the University of Iowa College of Public Health</td>
<td>Iowa City, Iowa</td>
<td>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.</td>
<td>- Resume/CV - One reference - Personal statement - Transcript</td>
<td></td>
<td><a href="https://www.siptaui.edu/departments">Website</a></td>
<td><a href="mailto:siptaui@ui.edu">Contact</a></td>
</tr>
<tr>
<td>University of Louisville Undergraduate Summer Program in Cardiovascular Research for those from Under-Represented or Under-Served Populations</td>
<td>Louisville, Kentucky</td>
<td>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.</td>
<td>The program is directed towards students who have completed at least their sophomore year of undergraduate education.</td>
<td>Student transcripts - A letter stating the student's interest in research - A letter of support from a faculty member/advisor at your institution</td>
<td><a href="https://www.louiv.edu/medicine">Website</a></td>
<td><a href="mailto:siptaui@ui.edu">Contact</a></td>
</tr>
<tr>
<td>Louisiana State Health Sciences Center- Shreveport Department of Pharmacology, Toxicology and Neuroscience Summer Undergraduate Pharmacology Experience for Research Program (SUPER)</td>
<td>Shreveport, Louisiana</td>
<td>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.</td>
<td>All applicants must be citizens or Permanent Residents of the United States.</td>
<td>- Unofficial college transcript - Brief Personal Statement of why you would like to participate in this internship program - One letter of recommendation</td>
<td><a href="https://www.louisianahealthsciences.edu">Website</a></td>
<td><a href="mailto:siptaui@ui.edu">Contact</a></td>
</tr>
<tr>
<td>Maine Medical Center Research Institute’s Summer Student Research Program (SSRP)</td>
<td>Scarborough, Maine</td>
<td>During the summer months MaineHealth Institute for Research (MHI) provides undergraduates with an opportunity to receive an educational experience in biomedical science through the MHI Summer Student Research Program. Research at MHI 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.</td>
<td>- 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</td>
<td>- Three references - Resume</td>
<td><a href="https://www.mainemedcenter.org">Website</a></td>
<td><a href="mailto:siptaui@ui.edu">Contact</a></td>
</tr>
<tr>
<td>Substance Abuse and Mental Health Services Administration’s (SAMHSA) Internship Program</td>
<td>Rockville, Maryland</td>
<td>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.</td>
<td>- 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. - Residence within the United States throughout the entire duration of the internship (if virtual). - Have completed the background check before the start of the internship</td>
<td>- Resume - Statement of interest - Transcript</td>
<td><a href="https://www.samhsa.gov">Website</a></td>
<td><a href="mailto:siptaui@ui.edu">Contact</a></td>
</tr>
<tr>
<td>Johns Hopkins Medicine Summer Internship Program</td>
<td>Baltimore, Maryland</td>
<td>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.</td>
<td>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.</td>
<td>- 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</td>
<td><a href="https://www.hopkinsmedicine.org">Website</a></td>
<td><a href="mailto:siptaui@ui.edu">Contact</a></td>
</tr>
</tbody>
</table>
Harvard Summer Research Program in Kidney Medicine
Boston, Massachusetts
The Harvard Summer Research Program in Kidney Medicine (HSPRM) 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.

- GPA 3.4 or higher
- Currently enrolled in undergraduate degree seeking program
- Must be a U.S. citizen or Permanent Resident (Green Card holder)
- Must be committed to entire 8+ week program (approximately June 1-August 7)
- Research experience required
- 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 card)

Visit https://hsdp.faw.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 or experimental-based research 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.

- 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 U.S. citizen or permanent resident
- No previous research experience is required, but applicants must demonstrate a strong interest in biomedical research
- Unofficial transcript(s)
- Curriculum vitae (CV) or resume
- Short essay responses
- Two letters of recommendation

Visit https://www.broadinstitute.org/bsrp/broad-summer-research-program-bsrp

Boston University Bioinformatics Research and Interdisciplinary Training Experience
Boston, Massachusetts
The B ITE 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, and 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.
- 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)

Visit 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 biological sciences.

- 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.
- Letters of recommendation (one from laboratory and one from science faculty member)
- Official Transcript
- Resume
- Personal Statement
- Contact information for 2 references

While completing the application you will be asked for:
- 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

Visit https://www.bumc.bu.edu/gsbs/programs/undergraduate/summer-undergraduate-research-program/starts/

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.

- Interest in pursuing a career in academic medicine or biomedical research
- Member of a group that is underrepresented in medicine (UM)*
- 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
- U.S. citizens or permanent residents
- 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 attended; both unofficial and official are required due to operations protocol

Visit https://www.massgeneral.org/psd/programs/students/summer-research-trainee-program/apply

University of Massachusetts Medical School Summer 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.
- A current resume
- 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

Visit https://www.umassmed.edu/psd/programs/undergraduate-research-program/apply
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<tr>
<th>Program Name</th>
<th>Location</th>
<th>Description</th>
<th>Requirements</th>
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<tr>
<td>Boston University Summer Undergraduate Research Fellowship (SURF)</td>
<td>Boston, Massachusetts</td>
<td>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 underserved 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.</td>
<td>- Transcripts&lt;br&gt;- Two letters of recommendation</td>
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<td>Brigham and Women’s Hospital Summer Training in Academic Research and Scholarship (STARS)</td>
<td>Boston, Massachusetts</td>
<td>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.</td>
<td>- Two letters of recommendation&lt;br&gt;- Personal statement&lt;br&gt;- Transcript</td>
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<td>Harvard Medical School Four Directions Summer Research Program (FDSRP)</td>
<td>Boston, Massachusetts</td>
<td>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.</td>
<td>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.</td>
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<td>Harvard Summer Internships in Biological Sciences in Public Health</td>
<td>Boston, Massachusetts</td>
<td>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.</td>
<td>- Applicants must be U.S. citizens, U.S. nationals, or permanent residents of the U.S.&lt;br&gt;- Applicants must be from an underrepresented group in graduate research&lt;br&gt;- Applicants must be undergraduate students in their sophomore or junior years when applying&lt;br&gt;- Applicants must have a GPA of 3.0 or above&lt;br&gt;- Applicants must have a basic science background and have taken several classes beyond intro level courses&lt;br&gt;- Applicants must have a demonstrated interest in public health, specifically laboratory research</td>
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<td>Harvard Summer Program in Biostatistics &amp; Computational Biology</td>
<td>Boston, Massachusetts</td>
<td>The Summer Program in Biostatistics &amp; 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.</td>
<td>- Be a U.S. citizen or permanent resident (proof of permanent residency must be provided).&lt;br&gt;- Carry health insurance during the 6 weeks of the Summer Program. No exceptions.&lt;br&gt;- 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.</td>
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<td>Harvard Systems Biology Internship Program</td>
<td>Boston, Massachusetts</td>
<td>The Undergraduate Internship program 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.</td>
<td>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.</td>
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Cambridge, Boston, Boston, Program Center Summer Fellowship Frankel Cardiovascular University of Michigan University of Michigan Program for Undergraduates Research Experience University has a Summer Department of Biology at (SIBS) Institute for Program in the fields of Trainee cardiomyopathies, blood clotting disorders, cardiac member and participate in nationally recognized research. will be matched to a laboratory led by a F-CVC faculty interested in basic cardiovascular research. Each fellow is pleased to offer a 10-week summer undergraduate research. The University of Michigan Frankel Cardiovascular Center commitment to health equity. The program includes public health. Participants receive leadership training, Health (Michigan Public Health) designed to encourage research programs. The program is available to begin first week of June. - Prior research experience - Available to begin first week of June. - Minimum GPA of 3.5 in all STEM courses - Demonstrated interest in basic research and in a career in the sciences. - US citizens or permanent residents - U.S. Citizen, Permanent Resident or U.S. National - Active and prior service US military personnel are encouraged to apply - Two Student government 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 - Strong statement explaining your goals, research interest and experience and why you want to participate in SHURP - 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 letters of Recommendation written specifically for the program - All unofficial transcripts and official transcripts from college, graduate, and/or medical schools attended; both unofficial and official are required due to operations protocol - Three letters of reference from science faculty - Resume - Transcript - Three Essays - Two letters of recommendation

Harvard Summer Honors Undergraduate Research Program (SHURP) 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 undergraduates with the opportunity to gain training and mentorship in scientific research. - 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). - 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 letters of recommendation that say something about your work in the lab and in the classroom - Unofficial transcript(s) in PDF format

Massachusetts General Hospital Summer Research Trainee Program (SRTP) 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.

MIT Summer Research Program in the fields of Biological Science (MSRP Bio) 10-week research-intensive summer training program to advanced non-MIT sophomore and junior science majors who have an interest in a research career. - Full-time students at all 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. - Online application form and CV - 1-page Personal Statement - Unofficial college transcript (submitted electronically) - Three letters of reference from science faculty

Boston University Summer Institute for Training in Biostatistics (BIBS) 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.

Department of Biology at Northeastern University has a Summer Research Experience for Undergraduates Program 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.

University of Michigan Future Public Health Leaders Program 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) and 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.

University of Michigan Frankel Cardiovascular Center Summer Fellowship Program 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.

University of Michigan Frankel Cardiovascular Center Summer Fellowship Program All students currently enrolled in an accredited 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.

https://shurp.mhs.harvard.edu

https://sites.google.com/site/cvcsummerfellowships

https://shurp.mhs.harvard.edu

https://biology.mit.edu/education/mrsp/

http://www.bu.edu/ahd/department/obios/bib/summer-institute-for-training-in-biostatistics/

https://sites.google.com/site/fphlp/

https://shurp.mhs.harvard.edu

https://biology.mit.edu/education/mrsp/

https://shurp.mhs.harvard.edu
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<tr>
<th>University of Michigan UM-SMART Undergrad Summer Program</th>
<th>Ann Arbor, Michigan</th>
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<tr>
<td>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.</td>
<td>- Be a current undergraduate student</td>
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<td>- Be a US citizen or permanent resident of the United States.</td>
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<td>- Have completed a physiology, biology, biochemistry or organic chemistry course, preferably with lab.</td>
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<td>- 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.</td>
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<td>- Maintain a 3.2 cumulative grade point average or above.</td>
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<td>- Show proof of health insurance.</td>
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<td>- Submit two letters of recommendation, one of which must be from a research mentor or the instructor of a laboratory course.</td>
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<td><a href="https://medicine.umich.edu/medschool/education/md-phd-program/um-smart-undergrad-summer-program">https://medicine.umich.edu/medschool/education/md-phd-program/um-smart-undergrad-summer-program</a></td>
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<tr>
<th>Wayne State University School of Medicine Summer Research Programs</th>
<th>Detroit, Michigan</th>
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<td>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.</td>
<td>- Sophomore and junior undergraduate students</td>
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<td>- Two letters of recommendation</td>
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<td>- Personal Statement</td>
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<td>- Transcript</td>
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<td><a href="https://www.genetics.wayne.edu/education/summer-undergraduate-research-program">https://www.genetics.wayne.edu/education/summer-undergraduate-research-program</a></td>
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<tr>
<th>University of Minnesota Summer Lando/NSF REU</th>
<th>Minneapolis, Minnesota</th>
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<td>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.</td>
<td>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.</td>
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<td>- Recommendation letters</td>
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<td>- Transcripts</td>
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<td><a href="https://cse.umn.edu/chem/lando">https://cse.umn.edu/chem/lando</a></td>
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<tr>
<th>University of Minnesota Life Sciences Summer Undergraduate Research Program (LSSURP)</th>
<th>Minneapolis, Minnesota</th>
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<td>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.</td>
<td>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.</td>
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<td>- Transcript</td>
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<td><a href="https://med.umn.edu/education/graduate-programs/life-sciences-summer-undergraduate-research-program-lssurp">https://med.umn.edu/education/graduate-programs/life-sciences-summer-undergraduate-research-program-lssurp</a></td>
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<tr>
<th>Minneapolis Heart Institute Foundation Clinical Research Internship</th>
<th>Minneapolis, Minnesota</th>
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<td>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 cardiovascualr 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 intern 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.</td>
<td>- Undergraduate or recent graduate from a four-year college.</td>
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<td>Preference will be given to those who have completed their junior year by the start of the program.</td>
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<td>- Must be enrolled in an accredited degree program.</td>
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<td>- GPA of 3.60 or above.</td>
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<td>- Applicants must be US citizens or have Permanent Resident status (be able to provide proof of employability through completion of the I-9 Form).</td>
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<td>- 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.</td>
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<td>- Available to participate full-time (at least 40 hours per week) during the internship period.</td>
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<td>- Personal motivation statement (3,500 characters including spaces)</td>
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<td>- One-page resume (save as PDF or Word doc with file name First Name_Last Name).</td>
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<td><a href="https://mgshheart.org/health-care-professional/clinical-research-internship-program">https://mgshheart.org/health-care-professional/clinical-research-internship-program</a></td>
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<tr>
<th>Lillehei Heart Institute Summer Research Scholars Program</th>
<th>Minneapolis, Minnesota</th>
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<td>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.</td>
<td>- Resume that includes standardized test scores used for college applications</td>
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<td>- Copy of school transcript (official or unofficial)</td>
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<td>- 2 letters of faculty recommendation (more info below)</td>
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<td>- Statement of interest in the LHI SRSP (paragraph)</td>
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<td>- Brief statement of short term and long term goals</td>
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<td><a href="https://lumed.umn.edu/education/programs/summer-research-scholars-program">https://lumed.umn.edu/education/programs/summer-research-scholars-program</a></td>
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<td>Program Name</td>
<td>Institution</td>
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<tr>
<td>Mayo Graduate School College of Medicine Summer Undergraduate Research Fellowship (SURF)</td>
<td>Rochester, Minnesota</td>
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<td>University of Mississippi Summer Undergraduate Research Experience (SURE)</td>
<td>Jackson, Mississippi</td>
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<td>WUSTL ENDURE Program</td>
<td>Saint Louis, Missouri</td>
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<td>Stowers Summer Scholars Program</td>
<td>Kansas City, Missouri</td>
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<tr>
<td>University of Nebraska Undergraduate Summer Research Program</td>
<td>Lincoln, Nebraska</td>
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| Dartmouth MD-PhD 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. | - Online application materials
| 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/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 U.S. Citizen or Permanent Resident (green card holder) | - Transcripts - Academic Resume/CV - Personal Statement - Letter of recommendation | https://hcp.unm.edu/medicine/education/undergraduate/program/ |
| NYU Langone Health Summer Undergraduate Research Program | New York, New York | At NYU Grossman School of Medicine, our Vickie 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. | - Transcripts - Official Transcript - Personal Statement - Letter of recommendation | https://med.nyu.edu/summer-research-programs/travelers-
program/#applying |
| 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 ongoing workshops to hone presentation and interview skills, and attend the world to conduct first-rate research. Students learn the scientific process, traditional methods and theoretical principles, and communicate their discoveries to other scientists. Approximately 20 students come to CSHL each summer for the 10-week program, living and working in the exciting Laboratory environment. | The Travellers Summer Research Fellowship Program is designed to give 25 premedicals 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 TRSF participants learns 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. | - Official high school transcript - Official college transcript - Three letters of recommendation | https://scp.ssmi.edu/education/vp/travelers-
summer-research-fellowship-program/10218135 |
| Icahn School of Medicine Summer Undergraduate 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). | 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://scahs.msm.edu/education/vpr/
dergraduate-degree/summer |
| Weill Cornell Medicine Travellers Summer Research Fellowship Program | New York, 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.csil.edu/education/undergrad-
ate-research-program/applying |
### Brooklyn College Intensive Mentored Research Experiences for Undergraduates (REU) in Psychology and Neuroscience

**Location:** Brooklyn, New York

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 10-week program aims to engage students in:

- comprehensive laboratory research
- scholarly writing
- research ethics training
- professional research dissemination

To be eligible, each student must fulfill the following requirements by the start of the REU program:

- 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

- 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)

https://www.brooklyn.cuny.edu/web/academics/schools/psychology/psychologyundergraduateprogram/summer-training-edu/psychology/reu.php

### Burke Neurological Institute Summer Science Program

**Location:** White Plains, New York

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.

- 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 courses 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.
- 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.well.cornell.edu/future-talent/training-program/summer-science-program

### Columbia University Lamont Summer Intern Program for Undergraduates

**Location:** Palisades, New York

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.

- Currently enrolled full-time at an accredited U.S. institution AND 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.
- Minimum GPA of 3.0
- U.S. citizen or lawful permanent resident (green card holder)
- Active health insurance for the duration of the program

- Undergraduate transcripts
- Two letters of recommendation

https://lamont.columbia.edu/education-outreach/student-opportunities/undergraduate-education- opportunities-intern-programs#summer-internship-program-application

### Brookhaven National Laboratory Science Undergraduate Laboratory Internship (SULI)

**Location:** Upton, New York

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.

- 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
- GPA of 2.7
- African American, Hispanic, Latins, Asian American, American Indian/Alaskan Native, Native Hawaiian, Pacific Islander, people with disabilities, economically disadvantaged, and LGBTQ individuals are encouraged to apply.
- Letter of recommendation - to be submitted by an academic advisor or course instructor
- Résumé/CV
- Unofficial Transcript(s) - to be submitted for any college/university attended

https://www.esci.cornell.edu/education/summer-setiyo-methodology.html

### Columbia Summer Public Health Scholars Program

**Location:** New York, New York

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.

- 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, Latins, Asian American, American Indian/Alaskan Native, Native Hawaiian, Pacific Islander, people with disabilities, economically disadvantaged, and LGBTQ individuals are encouraged to apply.
- Letter of recommendation - to be submitted by an academic advisor or course instructor
- Résumé/CV
- Unofficial Transcript(s) - to be submitted for any college/university attended

https://www.vagelos.columbia.edu/education/summer-setiyo-methodology.html

### University of Rochester School of Medicine and Dentistry Strong Children’s Research Center Summer Program

**Location:** Rochester, New York

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.

- 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.
- 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
- Education History
- Two Recommendations
- Transcript
- Short Answer Questions

https://www.urmc.rochester.edu/research/sccr/program/summer-training-program/application.aspx
<table>
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<tr>
<th>School/Program</th>
<th>Location</th>
<th>Description</th>
<th>Eligibility</th>
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<tr>
<td>University of Rochester School of Medicine and Dentistry</td>
<td>Rochester, NY</td>
<td>Offers the Summer Scholars program, 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 &amp; 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.</td>
<td>- 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. - Participated college sophomores or juniors with a strong academic background (applicants must have a GPA of at least 3.00). - Two letters of recommendation - Transcript(s)</td>
<td><a href="https://www.urmc.rochester.edu/education/graduate/students/summer-scholars.aspx">https://www.urmc.rochester.edu/education/graduate/students/summer-scholars.aspx</a></td>
</tr>
<tr>
<td>Einstein Summer Undergraduate Research Program (SURP)</td>
<td>Bronx, NY</td>
<td>The program 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.</td>
<td>- Outstanding undergraduate students considering the SURP program must meet the following criteria: - A strong background in the sciences (biology, biochemistry, chemistry, physics, biotechnology 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. - Scanned copies of your academic transcripts - Two letters of recommendation - Personal Statement</td>
<td><a href="https://www.einsteinmed.edu/education/phd/the-surface-undergraduate-research-program.aspx">https://www.einsteinmed.edu/education/phd/the-surface-undergraduate-research-program.aspx</a></td>
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<tr>
<td>Columbia University Mailman School of Public Health Biostatistics Epidemiology</td>
<td>New York, NY</td>
<td>Provides an integrated research project with a Columbia University faculty mentor, including a project symposium at the program's conclusion. 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 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 methodologies, including: the design and analysis of experiments, a critical reading of the scientific literature, through journal clubs, the presentation of scientific results at laboratory meetings, attendance at convened poster sessions, the preparation of abstracts and manuscripts describing the results of experiments, and (f) career counseling and research ethics.</td>
<td>- Applicants must represent one of the following groups: (a) racial/ethnic minorities (African-Americans, Hispanic/Latino-American, Native Americans or Alaskan Natives) - Have a disability or physical impairment - Economically disadvantaged</td>
<td><a href="https://www.columbia.edu/">https://www.columbia.edu/</a></td>
</tr>
<tr>
<td>Medical Center Summer Program for Underrepresented Students</td>
<td>New York, NY</td>
<td>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 become a career in biomedical research and 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 methodologies, including: the design and analysis of experiments, a critical reading of the scientific literature, through journal clubs, the presentation of scientific results at laboratory meetings, attendance at convened poster sessions, the preparation of abstracts and manuscripts describing the results of experiments, and (f) career counseling and research ethics.</td>
<td>- U.S. 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). - Interacted in pursuing graduate education in a biomedical field (MD, MD/PhD, or PhD) - Resume/CV - Two letters of recommendation - Personal Statement - Transcript</td>
<td><a href="https://www.surg.columbia.edu/">https://www.surg.columbia.edu/</a></td>
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<td>NYSCF Summer Internship Program</td>
<td>New York, NY</td>
<td>The Summer Internship Program is open to US citizens and permanent residents. We welcome applications from qualified and motivated undergraduates who have completed their sophomore year of college. To qualify, you should have completed at least one full semester of bench laboratory research.</td>
<td>Available to undergraduate students.</td>
<td>- Two letters of recommendation - Essay responses</td>
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<td>Sackler Institute of Graduate Biomedical Sciences and the Office of Minority Affairs offers a Summer Undergraduate Research Program (SURF)</td>
<td>New York, NY</td>
<td>The program is designed for students with 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.</td>
<td>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.</td>
<td>- Online application materials - 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. - A 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.</td>
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<td>Rockefeller University Summer Undergraduate Research Fellowship (SURF)</td>
<td>New York, NY</td>
<td>Offers a unique summer research opportunity for college sophomores and juniors 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.</td>
<td>College sophomores and juniors are eligible.</td>
<td>- 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. - A 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.</td>
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<tr>
<td>Program</td>
<td>Location</td>
<td>Description</td>
<td>Application Requirements</td>
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| 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. | - Be enrolled in 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)  
- 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.  
- Personal Statement  
- Two letters of recommendation  
- Official Transcript | https://www.upstate.edu/gradprograms/summer-research-sponsored/program.html |
| 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 postgraduate students to clinical surgery, trauma and research. | - Applicants must be able to commit and complete the 9-week internship  
- The program has flexible start and end dates between May and September | [https://www.rph.edu/about/diversity-inclusion/diversity-affairs/duke-summer-research-opportunity-program](https://www.rph.edu/about/diversity-inclusion/diversity-affairs/duke-summer-research-opportunity-program) |
| 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 Biomedical engineering and informatics topics. | - Undergraduate students from all institutions  
- Students in good academic standing — U.S. citizens, U.S. nationals and U.S. permanent residents | [https://www.upstate.edu/grad/programs/college-students](https://www.upstate.edu/grad/programs/college-students) |
| Duke Summer Research Opportunity Program | Durham, North Carolina | The Duke University Summer Research Opportunity Program (SURF) 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 degrees. Students from underrepresented groups are strongly encouraged to apply. | Open to undergraduate students.  
- Resume/CV  
- Two letters of recommendation  
- Transcript | [https://www.upstate.edu/grad/programs/college-students](https://www.upstate.edu/grad/programs/college-students) |
| 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 U.S. 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.  
- 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](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.  
- Letters of recommendation  
- Personal Statement  
- Statement of research interest | [https://gradschool.osu.edu/summer/research-opportunities-program](https://gradschool.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.

- 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.

- General Applicant Information
- Personal Statement
- University/College Transcript(s)
- Contact information for two references

https://graduate.ouhsc.edu/Research/Programs/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.

- Applicants must have an interest in pursuing biomedical research (e.g., PhD or MD/PhD) in graduate school and must be in good standing at their respective undergraduate institutions.
- Sophomores and juniors (as of spring 2023) 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.

- 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.

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 one letter of recommendation.

https://drexel.edu/medicine/research/student-research/summer-undergraduate-research-fellowship/

University of Pennsylvania Undergraduate Clinical Scholars Program (UCSP)

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.

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.

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.

- 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/dealresearch/suip/

UPenn Summer Undergraduate Internship Program (SUIP)

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.

- 3.0 GPA
- One year completed college by June 1, 2023
- Anticipated graduation: After August 31, 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.

- Unofficial Transcript
- Current resume
- Two letters of recommendation
- An essay of 500 words or less

https://injuryresearch.chop.edu/reu/

Children's Hospital of Philadelphia Injury Science Research Experiences for Undergraduates (REU)

Philadelphia, 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.

- Personal reference letter
- Personal Statement

https://imed.upenn.edu/surip

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.

- General Applicant Information
- Personal Statement
- University/College Transcript(s)
- Contact information for two references

https://graduate.ohsu.edu/Research/Programs/Undergraduate-Programs
| University of Pittsburgh | 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. | - Applicants must have completed their sophomore or junior year of undergraduate training before the start of the program. | https://medschool.upmc.edu/som/summer-research/undergraduate-research-program/ | Pittsburgh, Pennsylvania |
| Medical University of South Carolina | 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. | - Enrolled full time and in good standing in an accredited baccalaureate program at the time of application | https://research.universityofsc.edu/academic-programs/undergraduates/spur | Charleston, South Carolina |
| Sanford Program for Undergraduate Research | 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. | - 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. | https://research.universityofsc.edu/academic-programs/undergraduates/spur | Sioux Falls, South Dakota |
| Vanderbilt Undergraduate Clinical Research Internship Program (UCRIP) | 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. | - Applying students must be a college undergraduate during the summer of the program year. | https://medschool.vanderbilt.edu/vssa/undergraduate-clinical-research-internship-program/ | Nashville, Tennessee |
| Vanderbilt Summer Science Academy | 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. To be eligible, students must be enrolled in and good standing earning a Bachelors of Science degree from an US college/university. | - Two letters of recommendation | https://medschool.vanderbilt.edu/vssa/ | Nashville, Tennessee |
| Meharry Cancer Summer Undergraduate Research Program (SURP) | 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 faculty on a research project that explores the causes, diagnosis, prevention and/or treatment of cancer. | - US citizen or permanent resident | https://home.mmc.edu/aacul/academic-studies-research/meharry-cancer-surp/ | Nashville, Tennessee |
St. Jude Pediatric Oncology Education (POE) Program
Memphis, Tennessee
For 10 weeks during the summer, students selected for the IPOCH (Malignant Hematologic Disorders) program will 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 St. Jude pediatric campuses.

- Must be a U.S. Citizen or Permanent Resident.
- Must have completed at least two years of college-level courses.
- Personal information, including contact information and mailing address.
- Transcripts from high school and undergraduate universities.
- Personal statement.
- Two letters of reference with contact information.

Program provides frontier-level, biomedical summer research training and fosters an understanding of the research experience outside of a high school or college course lab.

MD Anderson Summer Research at Science Park
Houston, Texas
The Summer Undergraduate Research Program (SURP) is a 10-week program that offers hands-on experience in biomedical and oncoology research experience. The POE program provides a short-term training experience (summer internship) in either laboratory research or clinical research.

- 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 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.

- Personal information, including contact information and mailing address.
- Transcripts from high school and undergraduate universities.
- Personal statement.
- Two letters of reference with contact information.

M.D. or both) and are interested in scientific investigation 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.

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 current questions in the biological sciences. At the end of the SURF Program, fellows present their research during a poster session.

- 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.
- 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.

- Personal information, including contact information and mailing address.
- 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.

BTRUE Summer Fellows Program
Waco, 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.

- Must 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.

- Personal information, including contact information and mailing address.
- Transcripts from high school and undergraduate universities.
- Personal statement.
- Two letters of reference with contact information.

MD Anderson Summer Undergraduate Research Program
Houston, Texas
The Summer Undergraduate Research Program (SURF) 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. 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.

- Personal information, including contact information and mailing address.
- Transcripts from high school and undergraduate universities.
- Personal statement.
- Two letters of reference with contact information.

For 10 weeks during the summer, students selected for the SMART (Summer Research Training Program) provide a rigorous, in-depth research experience related to cancer research and grant funding 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.

- Must be a U.S. Citizen or Permanent Resident.
- Must have completed at least two years of college-level courses.
- 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.

- Personal information, including contact information and mailing address.
- Transcripts from high school and undergraduate universities.
- Personal statement.
- Two letters of reference with contact information.

MD Anderson Dallas, Texas
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 oncoology research experience. The POE program provides a short-term training experience (summer internship) in either laboratory research or clinical research.

- 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 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.

- Personal information, including contact information and mailing address.
- Transcripts from high school and undergraduate universities.
- Personal statement.
- Two letters of reference with contact information.

Baylor College of Medicine SMART Program
Houston, Texas
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:

- 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

- Relevant experience
- College grades
- Personal information, including contact information and mailing address.
- 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.
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.

Undergraduate students interested in applying to the program must meet the following criteria:
- US Citizen/ Permanent Resident
- All applicants must have 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

Unofficial transcript from your undergraduate institution(s)
- Two letters of recommendation from faculty members

https://gsbs.utmb.edu/undergraduate/undergraduate-program

McGovern Medical School Summer Research Program for Undergraduates (MedSURP)
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 SURP program.

- Official transcripts
- Two letters of reference
- Personal Statement

https://med.uth.edu/programs/summer-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.

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.

- Resume
- Official transcript
- One letter of recommendation
- A 250-word essay describing why you want to do research in the field of biotechnology.

https://www.utep.edu/cour/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.

- Resume
- Official transcript
- One letter of recommendation
- A 250-word essay describing why you want to do research in the field of biotechnology.

https://www.ict.tamu.edu/education/doctoral-graduate-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/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.

- Two letters of recommendation
- Official transcripts

https://mmedicine.tamu.edu/research/summer-research.html

UT Health San Antonio Summer Undergraduate Research (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://som.uthscsa.edu/physiology/education/summer-undergraduate-research-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 who successfully completes 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
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<th>Program</th>
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<td>The Immigration and Border Community – Research Experience for Undergraduates</td>
<td>El Paso, Texas</td>
<td>- Current resume&lt;br&gt;- Unofficial transcripts from your university or community college&lt;br&gt;- Letter of interest: tell us why you would like to participate in the REU program and the skills or experience that you have in the topic area&lt;br&gt;- Contact information for three references, including at least one of your professors</td>
<td><a href="https://www.utep.edu/borders/bordercommunity/internships/">https://www.utep.edu/borders/bordercommunity/internships/</a></td>
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<td>University of Utah Native American Summer Research Internship (NARI)</td>
<td>Salt Lake City, Utah</td>
<td>- U.S. citizen or permanent resident&lt;br&gt;- Entering the summer BEFORE the final year (or semester/quarter) of study&lt;br&gt;- Minimum 2 years of college&lt;br&gt;- Letter of interest: tell us why you would like to participate in the REU program and the skills or experience that you have in the topic area&lt;br&gt;- Contact information for three references, including at least one of your professors</td>
<td>[<a href="https://medicine.utah.edu/pediatrics/research/sf">https://medicine.utah.edu/pediatrics/research/sf</a> жизни.html](<a href="https://medicine.utah.edu/pediatrics/research/sf">https://medicine.utah.edu/pediatrics/research/sf</a> жизнь.html)</td>
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<td>University of Virginia School of Medicine Summer Research Internship Program</td>
<td>Charlottesville, Virginia</td>
<td>- University undergraduate students may apply if they are 18 years of age or older&lt;br&gt;- U.S. citizen or Permanent resident&lt;br&gt;- Graduate students are not eligible.&lt;br&gt;- You must have current immunizations and TB test results through the program end date&lt;br&gt;- Out of area students will have housing stipends available but are responsible for their own meals and transportation</td>
<td><a href="https://med.virginia.edu/summer-research-internship-program/">https://med.virginia.edu/summer-research-internship-program/</a></td>
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<td>Janelia Undergraduate Scholars program</td>
<td>Ashburn, Virginia</td>
<td>- You must be 18 years of age or older by the first day of the program&lt;br&gt;- University undergraduate students may apply if they are 18 years of age or older and are U.S. citizens or permanent residents. Graduate students are not eligible.&lt;br&gt;- You must have current immunizations and TB test results through the program end date&lt;br&gt;- Out of area students will have housing stipends available but are responsible for their own meals and transportation</td>
<td><a href="https://you-janelia/students-undergraduate-scholars-program#719">https://you-janelia/students-undergraduate-scholars-program#719</a></td>
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<td>UW Neurological Surgery Summer Student Program</td>
<td>Seattle, Washington</td>
<td>- You must be 18 years of age or older by the first day of the program&lt;br&gt;- University undergraduate students may apply if they are 18 years of age or older and are U.S. citizens or permanent residents. Graduate students are not eligible.&lt;br&gt;- You must have current immunizations and TB test results through the program end date&lt;br&gt;- Out of area students will have housing stipends available but are responsible for their own meals and transportation</td>
<td><a href="https://neurosurgery.washington.edu/education/summer-student-programs">https://neurosurgery.washington.edu/education/summer-student-programs</a></td>
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<td>Fred Hutchinson Cancer Research Center Summer Undergraduate Research Program (SURP)</td>
<td>Seattle, Washington</td>
<td>- U.S. citizen or permanent resident&lt;br&gt;- Entering the summer BEFORE the final year (or semester/quarter) of study&lt;br&gt;- Strong background in the sciences or a related area of interest</td>
<td><a href="https://www.fredhutch.org/organ/about/internships/pediatrics-undergraduate-scholars-program">https://www.fredhutch.org/organ/about/internships/pediatrics-undergraduate-scholars-program</a></td>
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<td>Harborview Injury Prevention &amp; Research Center’s (HIPRC) Pediatric Injury Prevention Student Internship Training Program (INSIGHT)</td>
<td>Seattle, Washington</td>
<td>- 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)&lt;br&gt;- Minimum cumulative GPA of 3.0 is required (must be 3.0).&lt;br&gt;- Current undergraduates are eligible.&lt;br&gt;- Must be able to commit to all eight weeks of the program on a full-time schedule.</td>
<td><a href="https://hiprc.org/beginning-undergraduate-research-program">https://hiprc.org/beginning-undergraduate-research-program</a></td>
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<td>Institution</td>
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<td>Georgetown School of Medicine Dean for Medical Education's Academy for Research, Clinical, and Health Equity Scholarship (ARCHES)</td>
<td>Washington, D.C.</td>
<td>This program will engage selected participants in clinical experience, guided research, and community based learning at Georgetown University and the Greater DC community. ARCHES aims to strengthen the research and clinical skills of promising undergraduate students and prepare them for successful matriculation into medical school.</td>
<td>- 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 professions in a four year college.</td>
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<td>West Virginia University Biomedical Sciences Summer Research Experience for Underrepresented Students</td>
<td>Morgantown, West Virginia</td>
<td>The internship is an 8-week hands-on summer research program designed to provide students with the opportunity to actively engage in biomedical research.</td>
<td>- Rising junior or senior or graduated senior from this academic year</td>
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<td>Medical College of Wisconsin Summer Program for Undergraduate Research</td>
<td>Milwaukee, Wisconsin</td>
<td>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.</td>
<td>- 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.</td>
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<td>University of Wisconsin Integrated Biological Sciences Summer Research Program</td>
<td>Madison, Wisconsin</td>
<td>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.</td>
<td>- 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.</td>
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<td>Aamgen Scholars Program</td>
<td>Multiple Locations</td>
<td>Every year, the Aamgen 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 any of the nation's premier educational institutions. Currently, thirteen institutions in the U.S. host the summer research program. As Aamgen Scholars, students will have the opportunity to: - 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.</td>
<td>U.S. Program applicants must be:</td>
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<td>Mayo Clinic Summer Undergraduate Research Fellowship (SURF)</td>
<td>Multiple Locations</td>
<td>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.</td>
<td>- 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.</td>
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<td>NIH Clinical Center Summer Internship Program</td>
<td>Multiple Locations</td>
<td>Internship 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 &amp; 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.</td>
<td>- The 2022 Summer Internship Program is for students who 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. - 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</td>
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<tr>
<td>American Physiological Society Summer Undergraduate Research Fellowships</td>
<td>Multiple Locations</td>
<td>The Summer Undergraduate Research Fellowship program (SURF), formerly called UGRSRF, allows students to participate in a hands-on research in the laboratory of an established APS member for 10 weeks. Fellows observe 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.</td>
<td>- Only one SURF application per research host may be submitted. - Applicant must have completed at least one semester of undergraduate study at a U.S. institution. - Applicant must be working with an APS member in good standing. - Applicant must have completed an overall GPA of ≥3.0 (0-4.0 scale). - There are no citizenship requirements for this award.</td>
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<td>Nemours Children's Health Summer Undergraduate Scholarship Program</td>
<td>Multiple Locations</td>
<td>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.</td>
<td>- United States citizen or Permanent Resident - Enrolment 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</td>
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<td>Purdue University Summer Research Fellowships</td>
<td>Multiple Locations</td>
<td>Research opportunities available include the investigation of physiology career options, learning about scientific communication and publication ethics, and presenting their work at the APS's annual meeting.</td>
<td>Varies by program.</td>
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<tr>
<td>Brandeis University REU in Graduate Medical Research for Undergraduates</td>
<td>Multiple Locations</td>
<td>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.</td>
<td>- 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.</td>
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<tr>
<td>Dialysis Clinic Inc. Research Experience for Internship Program</td>
<td>Multiple Locations</td>
<td>The medical summer internship entails shadowing physicians on rounds in the hospital, observing and assisting in an outpatient clinic, and observing the coordination of a transplant. In addition, students will have the opportunity 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 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 memorable part of their entire summer internship. The camp is located in Nashville, TN, and will take place the week following orientation.</td>
<td>There is a strong preference for students currently in their junior year of college with a serious interest in medicine.</td>
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<td>Description</td>
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<td><strong>Hofstra North Shore/LIJ School of Medicine</strong>&lt;br&gt;Feinstein Institute for Medical Research Student Intern Program</td>
<td>Multiple Locations&lt;br&gt;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 interest and work on an ongoing research project in one of the expert programs.</td>
<td>Current college students with an interest in medical research are eligible to apply.&lt;br&gt;- One recommendation letter</td>
<td><a href="https://feinstein.northwell.edu/education/summer-student-intern-program">https://feinstein.northwell.edu/education/summer-student-intern-program</a></td>
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<td><strong>Penn State University, College of Medicine</strong>&lt;br&gt;STEP-UP - Short-Term Educational Program for Underrepresented Persons</td>
<td>Multiple Locations&lt;br&gt;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.</td>
<td>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 this program year. Students must be U.S. citizens, non-citizen nationals, or legal permanent residents.&lt;br&gt;- A Personal Statement of no more than 600 words&lt;br&gt;- Two letters of recommendation from academic references&lt;br&gt;- Your academic transcript which reflects all earned credits and grades through December. Transcripts must be uploaded to your application&lt;br&gt;- Your resume</td>
<td><a href="https://med.psu.edu/step-up">https://med.psu.edu/step-up</a></td>
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<td><strong>Multidisciplinary International Research Training Program (MIRT)</strong></td>
<td>Multiple Locations&lt;br&gt;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.</td>
<td>Must contact program coordinator for information.&lt;br&gt;- A cover letter describing the applicant’s research interests and career goals (please note: we do not need a transcript at this time)&lt;br&gt;- Unofficial transcripts&lt;br&gt;- 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&lt;br&gt;- A Diversity Statement explaining how your participation would further the goal of the ICRC Program to encourage diversity in biomedical research&lt;br&gt;- Name and contact information of two references able to submit a letter of recommendation on your behalf</td>
<td><a href="https://hsp.harvard.edu/mirt-program">https://hsp.harvard.edu/mirt-program</a></td>
</tr>
<tr>
<td><strong>NIH Introduction to Cancer Research Careers (ICRC)</strong></td>
<td>Multiple Locations&lt;br&gt;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.</td>
<td>U.S. citizens or permanent residents;&lt;br&gt;- Enrolled at least half-time in an accredited Community College (this includes two-year Tribal Colleges) in the U.S&lt;br&gt;- GPA of 3.2 or higher (good academic standing)&lt;br&gt;- Must contact program coordinator for information&lt;br&gt;- Letters of recommendation&lt;br&gt;- Unofficial transcripts&lt;br&gt;- A Personal Statement of no more than 600 words&lt;br&gt;- Two letters of recommendation from academic references&lt;br&gt;- Your academic transcript which reflects all earned credits and grades through December. Transcripts must be uploaded to your application&lt;br&gt;- A Curry vitae or resume&lt;br&gt;- A list of coursework and grades (please note: we do not need a transcript at this time)&lt;br&gt;- A cover letter describing the applicant’s research interests and career goals&lt;br&gt;- The names and contact information for two references</td>
<td><a href="https://icrc.nci.nih.gov/">https://icrc.nci.nih.gov/</a></td>
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<tr>
<td><strong>NIH Community College Summer Enrichment Program (CCSEP)</strong></td>
<td>Multiple Locations&lt;br&gt;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.</td>
<td>Are U.S. citizens or permanent residents, AND&lt;br&gt;- Are enrolled at least half-time in an accredited college (including community college) or university as an undergraduate&lt;br&gt;- GPA of 3.2 or higher (good academic standing)&lt;br&gt;- Demonstrate current or past research experience&lt;br&gt;- Available for one or two year post-baccalaureate fellowship&lt;br&gt;- United States citizen or permanent resident (green card)&lt;br&gt;- Must be at least 18 years of age before the start of fellowship&lt;br&gt;- Your resume&lt;br&gt;- A Personal Statement of no more than 600 words&lt;br&gt;- Two letters of recommendation from academic references&lt;br&gt;- Your academic transcript which reflects all earned credits and grades through December. Transcripts must be uploaded to your application&lt;br&gt;- A Curry vitae or resume&lt;br&gt;- A list of coursework and grades (please note: we do not need a transcript at this time)&lt;br&gt;- A cover letter describing the applicant’s research interests and career goals&lt;br&gt;- The names and contact information for two references</td>
<td><a href="https://dceg.cancer.gov/fellowship-training/cancer-training/summer-internships">https://dceg.cancer.gov/fellowship-training/cancer-training/summer-internships</a></td>
</tr>
<tr>
<td><strong>NIH Division of Cancer Epidemiology and Genetics</strong></td>
<td>Multiple Locations&lt;br&gt;NIH 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.</td>
<td>Applicants for this internship must be U.S. Citizens and meet a minimum 3.5 GPA requirement.&lt;br&gt;- Online application materials</td>
<td><a href="https://intern.nasa.gov/">https://intern.nasa.gov/</a></td>
</tr>
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</table>
### Summer Health Professions Education Program (SHPEP)

**Multiple Locations**

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.

- 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.

**Requirements**

- Personal Statement
- One letter of recommendation
- Official Transcript

[https://www.shpep.org/about/](https://www.shpep.org/about/)

### NOAA Ernest D. Hollings Undergraduate Scholarship

**Multiple Locations**

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.

- 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:
  - 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.

**Requirements**

- One essay
- Official college transcript
- Two references

[https://www.noaa.gov/office-education/hollings-scholarship](https://www.noaa.gov/office-education/hollings-scholarship)
<table>
<thead>
<tr>
<th>Internship Name</th>
<th>Location</th>
<th>Stipend?</th>
<th>Description</th>
<th>Eligibility</th>
<th>Materials Needed for Online Application</th>
<th>Link</th>
</tr>
</thead>
</table>
| 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. | Two short essays  
- Transcripts from undergraduate universities  
- Resume  
- Two letters of recommendation | https://med.stanford.edu/medical/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. Both Emory and non-Emory students are eligible to apply for the Natural and Biomedical Sciences Program. | 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. | Personal Statement  
- Supplemental Essay  
- Resume  
- Letter of Recommendation (optional)  
- Transcripts | https://www.kgi.edu/undergraduate-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 Humanities, Arts, and Social Sciences Program. | Both Emory and non-Emory students are eligible to apply for the Natural and Biomedical Sciences Program. | 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. |  |  |
| 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. All current full-time freshman, sophomores and juniors are eligible to apply, provided that they:  
- 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 | - Are interested in clinical research and/or considering careers in medicine or healthcare  
- Are U.S. citizens or legal permanent residents | Resume  
- One academic letter of recommendation  
- One professional letter of recommendation | https://www.massgeneral.org/orthopaedics/education/internships/orthopedic-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. - 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/undergraduate-summer-program-in-epidemiology/ |
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<tr>
<th>Program</th>
<th>Location</th>
<th>Eligibility Note</th>
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<tbody>
<tr>
<td>Harvard Stem Cell Institute (HSCI) program</td>
<td>Boston, Massachusetts</td>
<td>No. Eligibility varies by program. Previous research experience in a biological laboratory is highly desirable, but not required.</td>
</tr>
<tr>
<td>Atlantic Health System Newton Summer Internship Program</td>
<td>New Jersey</td>
<td>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.</td>
</tr>
<tr>
<td>Boyce Thompson Institute Undergraduate Research Experience Internships</td>
<td>Ithaca, New York</td>
<td>White BTI &amp; 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.</td>
</tr>
<tr>
<td>NYU Langone Health Emergency Medicine Project Healthcare Summer Volunteer Program</td>
<td>New York, New York</td>
<td>No. We welcome applications from students who have completed at least one year of college by the program start date.</td>
</tr>
<tr>
<td>DeBakey Summer Surgery Program</td>
<td>Houston, Texas</td>
<td>No. The Michael E. DeBakey 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 will work closely with them 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.</td>
</tr>
<tr>
<td>UNT Undergraduate Research Internships</td>
<td>Fort Worth, Texas</td>
<td>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.</td>
</tr>
<tr>
<td>MD Anderson DACCMP Summer Research Program</td>
<td>Houston, Texas</td>
<td>No. The DACCMP 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 M31 year. The Division of Anesthesiology, Critical Care &amp; 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.</td>
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For more information, visit the respective websites linked in the table.
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<tr>
<th>Program</th>
<th>Location</th>
<th>Program Description</th>
<th>Program Website</th>
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<tbody>
<tr>
<td>Houston Methodist Summer Internship Programs</td>
<td>Houston, TX</td>
<td>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.</td>
<td><a href="https://www.houstonmethodist.org/education/medical-graduate/student/summer-internship-program/">https://www.houstonmethodist.org/education/medical-graduate/student/summer-internship-program/</a></td>
</tr>
<tr>
<td>VA Center of Excellence Research Program (VA-CERP)</td>
<td>Waco, TX</td>
<td>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. CoC 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.</td>
<td><a href="https://www.healthecityamarillo.com">https://www.healthecityamarillo.com</a></td>
</tr>
<tr>
<td>OU Health Cancer Undergraduate Research Experience (CURE)</td>
<td>Multiple</td>
<td>The CURE Program offers students a chance to receive intensive hands-on training and experience in active research laboratories over an eight-week summer program. In addition, the scholars will also be a part of a journal club and many other exciting opportunities. 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. CoC 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.</td>
<td><a href="https://www.ouhealth.com/stephenson-cancer-center/cancer-research/cancer-research-training/high-school-undergraduate-summer-programs/cancer-undergraduate-research-experience/">https://www.ouhealth.com/stephenson-cancer-center/cancer-research/cancer-research-training/high-school-undergraduate-summer-programs/cancer-undergraduate-research-experience/</a></td>
</tr>
<tr>
<td>University of California, Los Angeles Summer Programs for Undergraduate Research</td>
<td>Multiple</td>
<td>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.</td>
<td><a href="https://grad.ucla.edu/admissions/diversity/summer-programs-for-undergraduate-research-experience/">https://grad.ucla.edu/admissions/diversity/summer-programs-for-undergraduate-research-experience/</a></td>
</tr>
<tr>
<td>Rice University Summer Cardiovascular Research Internship Program (SCRIP)</td>
<td>Houston, TX</td>
<td>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.</td>
<td><a href="https://reu.rice.edu/cardiovascular-research">https://reu.rice.edu/cardiovascular-research</a></td>
</tr>
<tr>
<td>Rice University Multi-Scale Biomolecular Networks (BioNetworks)</td>
<td>Houston, TX</td>
<td>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.</td>
<td><a href="https://reu.rice.edu/biomolecular-networks">https://reu.rice.edu/biomolecular-networks</a></td>
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<tr>
<td>Heal the City Summer Internship</td>
<td>Amarillo, TX</td>
<td>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.</td>
<td><a href="https://www.healtheityamarillo.com">https://www.healtheityamarillo.com</a></td>
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<tr>
<td>Program</td>
<td>Location</td>
<td>Participation</td>
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<tr>
<td>Summer Research Education in Cardiovascular Conditions (RECV) Program</td>
<td>New York, New York (Virtual in 2022)</td>
<td>Yes</td>
<td>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.</td>
</tr>
<tr>
<td>BU TDRIP - Tropical Disease Research Internship Program</td>
<td>Houston, Texas</td>
<td>Yes</td>
<td>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 &amp; Compliance Manager</td>
</tr>
<tr>
<td>OU Summer Undergraduate Research Programs</td>
<td>Oklahoma City, Oklahoma</td>
<td>Yes</td>
<td>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.</td>
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<tr>
<td>MUSC College of Dental Medicine Summer Undergraduate Research Program</td>
<td>Charleston, South Carolina</td>
<td>Yes</td>
<td>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.</td>
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<tr>
<td>BCM Summer Administrative Internship Program</td>
<td>Houston, Texas</td>
<td>Yes</td>
<td>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.</td>
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<tr>
<td>St. Mary’s University Maximizing Access to Research Careers (MARC)</td>
<td>San Antonio, Texas</td>
<td>Yes</td>
<td>The Maximizing Access to Research Careers (MARC) Undergraduate Student Training in Academic Research (U<em>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</em>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.</td>
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<tr>
<td>Program</td>
<td>Location</td>
<td>Requirements</td>
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<td>Lombardi Comprehensive Cancer Center Summer Research Volunteer Program</td>
<td>Washington D.C.</td>
<td>Participants will have the opportunity to shadow clinical faculty members at the medical facilities in New Brunswick, New Jersey. 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.</td>
<td><a href="https://gsbms.edu/education/summer_volar/">gsbms/star-program</a></td>
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<tr>
<td>Rutgers Summer Clinical Internship Program</td>
<td>New Brunswick, New Jersey</td>
<td>SHURP is a ten-week summer program offered by the Division of Basic Medical Sciences at Rutgers. It seeks to provide underrepresented minority college students an opportunity to gain training and mentorship in scientific research.</td>
<td><a href="https://shurp.rutgers.edu">shurp.rutgers.edu</a></td>
</tr>
<tr>
<td>Harvard Medical School Summer Honors Undergraduate Research Program (SHURP)</td>
<td>Cambridge, Massachusetts</td>
<td>The 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 students interested in a biomedical research career an opportunity to gain training and mentorship in scientific research.</td>
<td><a href="https://shurp.mhs.harvard.edu">shurp.mhs.harvard.edu</a></td>
</tr>
<tr>
<td>Penn State University, College of Medicine SURF - American Heart Association Summer Undergraduate Research Fellowship</td>
<td>Hershey, Pennsylvania</td>
<td>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.</td>
<td><a href="https://imed.psu.edu/ahe.pdf">imed.psu.edu/ahe.pdf</a></td>
</tr>
<tr>
<td>University at Buffalo (SUNY) School of Medicine and Biomedical Sciences Summer Undergraduate Research Experience (SURE)</td>
<td>Buffalo, New York</td>
<td>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 career is right for you.</td>
<td><a href="https://medicine.buffalo.edu/education/programs-prior-to-medical-school/programs-for-undergraduate-students/summer-clinical-internship-program">medicine.buffalo.edu/education/programs-prior-to-medical-school/programs-for-undergraduate-students/summer-clinical-internship-program</a></td>
</tr>
<tr>
<td>University of Texas School of Medicine at San Antonio Greehey CCR Donald G McEwen Memorial Summer Undergraduate Research &amp; High School Program</td>
<td>San Antonio, Texas</td>
<td>The purpose of the Greehey Children's Cancer Research Institute's (Greehey CCR) 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.</td>
<td><a href="https://gsicr.uihpssx.edu/research/summer-program">gsicr.uihpssx.edu/research/summer программ</a></td>
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<td>New York Medical College Summer Trainees in Academic Research (STAR)</td>
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<td>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.</td>
<td><a href="https://www.nyc.edu/education/school-of-basic-medical-sciences-graduate/starker-program">www.nyc.edu/education/-school-of-basic-medical-sciences-graduate/starker-program</a></td>
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