

Summer Research Opportunities 11-12

We advise all students to check the program's website for information, updates, and [deadlines](#).

[Weill Cornell Medical College - The Summer Research Fellowship Program for Premedical Students](#)

The Travelers Summer Research Fellowship Program is designed to give 25 premedical students deeper insights into the field of medicine, including issues that greatly affect the health of traditionally underserved groups. Through the experiences of laboratory or clinical research, the student learns how one pursues a specific research problem under the supervision of a faculty member, thus providing an early education into basic research techniques that could be applicable to any area of medicine. Students receive a \$140-a-week cost-of-living allowance and are housed rent - free in the dormitory for medical students

University of Connecticut

[Clinical Summer Research Fellowship Program](#)

The Program is for rising college sophomores, juniors, seniors or recent graduates. It is a six-week program. It's designed to provide a clinical research and enrichment experience and an introduction to health disparities, cross cultural issues, principles of clinical medicine and skills for public health research and interventions and an overview of approaches to cultural definitions, public health issues and discussion of specific techniques for working with diverse populations in community settings. Provides housing, meals and a stipend.

[Medical/Dental Preparatory Program](#)

The program is for college sophomores, juniors, seniors or recent graduates.

It is a six-week summer program consisting of two tracks: Track One MCAT/DAT Preparation Program or Track Two Basic Medical Science Program is for all other students not on Track One. Has two purposes (a) to facilitate the entry of these students into medical and dental schools by improving their performance on admissions tests and through professional development activities and (b) to increase the retention of successful matriculants to professional schools through early exposure to professional education. It Provides housing, meals and a stipend.

[Summer Research Fellowship Program](#)

The program is for college sophomores, juniors, seniors or recent graduates. It is a nine-week program designed to provide a research enrichment experience and some exposure to clinical or dental medicine. Designed for students who are interested in a career in medicine, dental medicine or biomedical research and for applicants who have completed some college coursework in biology and chemistry (preferably through organic chemistry.) It devotes approximately 30 hours per week of work on a research project and 10 hours per week to required clinical experiential. It provides housing and a stipend.

[Charles Drew University or UCLA - Undergraduate Cancer Research Training Program \(UCRTP\)](#)

The Undergraduate Cancer Research Training Program (UCRTP) is a 12-week summer research program designed for 10* outstanding minority and underrepresented undergraduate students who are contemplating a career in biomedical-related sciences. An individualized program is developed for each undergraduate participant, who will work with a faculty Principal Investigator or his/her associates.

[Stowers Institute for Medical Research-Stowers Summer Scholars Program](#)

The Summer Scholars Program requires a ten-week commitment during the summer. Scholars spend the vast majority of their time in the laboratory. There they work on a research project while receiving guidance and supervision from the laboratory head or a senior member of the lab. All scholars are required to attend weekly scientific seminars on an array of research topics. Other activities include a weekly lunch where students can share ideas and discuss individual projects and experiments. At the completion of the program, students present their work to their labs at a lab meeting. To be considered for

the program, students should have completed 60 credit hours of undergraduate coursework (i.e., completed their second year) with at least a 3.5 GPA and be enrolled in a degree-granting program in biology, biochemistry, molecular biology, genetics, chemistry, physics, computing, engineering, mathematics, or a related field.

Cary Institute of Ecosystems Studies

Several Programs

Western Washington University - Shannon Point Marine Center: Marine Science Education & Research

2012 Program Dates: June 19, 2012 – August 17, 2012 The National Science Foundation (NSF) Research Experiences for Undergraduates (REU) program provides support for undergraduate students to conduct independent, supervised research with a faculty advisor. Each summer, eight students will be selected from a national pool to spend nine weeks at the Shannon Point Marine Center working with faculty supervisors in designing and conducting the research projects. At the end of the session, students will produce a written and an oral report based on the results of their research.

NASA Applied Sciences Program - NASA DEVELOP Internship Program

DEVELOP is a NASA Science Mission Directorate Applied Sciences training and development program. Students and young professionals work on Earth science research projects, are mentored by science advisors from NASA and partner agencies, and share their research results with local communities

Scripps Research Institute

Summer Undergraduate Research Fellows (SURF) Program

For students who are interested in performing cutting-edge research and developing professional skills which will be useful in defining their future endeavors. Unlike traditional college classes where the course of study is entirely determined by the instructor, the students identify their area of interest and are matched with a mentor. Together the student and mentor craft a research project.

Summer Immunology and Virology Undergraduate Fellowship

This is an intensive summer research experience open to talented undergraduate students interested in Immunology and Virology. The program has been created to expose undergraduates to state of the art immunological and virological research, provide an introduction to the Scripps Research Graduate Program and motivate and prepare them for career opportunities in Immunology and Virology. The fellows are assigned to work with a mentor in a laboratory for the summer program.

Summer Internships in Translational Science

Internship Dates: June 1-August 31, 2011 (9 weeks, variable dates.) The Scripps Translational Science Institute (STSI) is an innovative institute that aims to transform and fully integrate clinical and translational research. A collaboration between Scripps Health and The Scripps Research Institute, STSI promotes cutting-edge translational research, in large part focused on the genomic, proteomic and metabolomic correlates of human health and disease. This voluntary summer internship at STSI provides the opportunity for highly motivated undergraduates to work with and learn from a multi-disciplinary team of scientists, who include internationally-renowned investigators in the areas of genomics, bioinformatics and translational science.

University of Maryland, School of Medicine-Volunteer Summer Research Program

For undergraduate students who are currently enrolled. The purpose of the program is: 1) to encourage students to consider the possibility of a career in biomedical or clinical research and/or academic medicine; and 2) to provide students with a realistic understanding of the medical research environment.

Baylor College of Medicine – Summer Medical and Research Training Program

The SMART Program was developed to provide frontier-level, biomedically related summer research projects for undergraduates in a supportive environment with supplemental educational activities tailored

for each individual. They welcome students from all science and math majors and even non-science majors with appropriate background and interest. Projects span the spectrum of biomedical science including projects in bioengineering and computational biology.

[Division of Medical Sciences - Summer Honors Undergraduate Research Program \(SHURP\) at Harvard Medical School](#)

SHURP is a ten-week summer research program primarily for college students belonging to groups that are under-represented in the sciences. SHURP presently has 461 alumni from colleges across the country, over 90% of whom are continuing or planning to continue training and careers in the sciences. SHURP is one of the summer research programs participating in the Summer Research Early Identification Program of the [Leadership Alliance](#), a consortium of 33 colleges and universities dedicated to improving the participation of historically underrepresented students in graduate education programs.

[Cornell University - Boyce Thompson Institute for Plant Research](#)

The internship program involves students in laboratory-based Plant Genome Research Projects ([PGRP](#)). By participating in PGRP summer internships, students gain a broader knowledge of plant genetics, take away a better understanding of genuine scientific research and connect with others that are interested in careers in science and research. All interns must be US citizens or Permanent Residents with valid green cards. Undergraduates must be enrolled in a college or university and in good academic standing.

[Johns Hopkins Medicine-Summer Internship Program](#)

The Summer Internship Program (SIP) provides experience in research laboratories to students of diverse backgrounds, including underrepresented minority students and students from economically disadvantaged and underserved backgrounds that have completed one - two or more years of college. The purpose of this exposure to biomedical and/or public health research is to encourage students to consider careers in science, medicine and public health.

Deadline: Several

[Barbara Ann Karmanos Cancer Institute—Undergraduate Summer Fellowships in Cancer Research](#)

For outstanding undergraduates interested in a career in biomedical research. Ten-week summer research assignment with faculty mentor. At the end of the summer experience, each student will prepare and deliver a poster describing his/her work in an organized "Poster Day" together with other summer cancer research fellows; \$4,000 stipend.

[Monmouth University School of Science—Summer Research Program](#)

For undergraduates and M.S.-level graduate students. Twelve-week collaborative research project with Monmouth faculty and staff, a variety of different studies available, on-campus housing available, approx. \$9/hour.

[University of Oklahoma—Native American Research Center for Health Program](#)

For Native American undergraduate students to perform summer undergraduate research at OUHSC, \$3,000 stipend and housing provided. Apply online.

[University of Maryland School of Public Health—Summer Training and Research \(STAR\) Program](#)

For traditionally under-represented sophomore or junior undergraduate students. 2 consecutive summers of a 10-week research training and career development program to enhance potential to apply for and complete graduate degrees in biomedical and behavioral science relevant to preventing and treating cardiovascular disease.

[Center for Health Disparities and Molecular Medicine of Loma Linda University School of Medicine—Undergraduate Training Program \(UTP\)](#)

The program is run as a nine-week summer internship in a research laboratory of selected research mentors. The UTP includes scientific mentoring, participation in scientific seminars and lectures, educational enrichment activities, participation in our Health Disparities Research Symposium, and opportunities to attend national meetings to make scientific presentations. Participating students will be compensated competitively on an hourly basis.

[Oregon Health and Science University—Summer Equity Research Program](#)

For college students interested in dentistry, medicine, or research. It is an eight to 10 week summer internship. The program holds weekly seminars and meetings with fellow students and faculty to discuss ongoing projects, personal mentoring about individual career pathways from OHSU faculty. Paid stipend; housing is available for students who qualify.

[St. Jude Children's Research Hospital—Pediatric Oncology Education Program](#)

For undergraduates interested in a cancer research career, U.S. citizens. Memphis, TN. Summer research program, generous stipend, housing for non-local students.

[National Institutes of Health—Summer Internship Program in Biomedical Research](#)

The Summer Internship Program is for students who are currently enrolled at least half-time an accredited U.S. college or university as undergraduate, graduate, or professional students. Summer programs at the National Institutes of Health (NIH) provide an opportunity to spend a summer working at the NIH side-by-side with some of the leading scientists in the world, in an environment devoted exclusively to biomedical research.

[National Institutes of Health—National Cancer Institute Introduction to Cancer Research Careers Program](#)

For those sixteen or older, all-expense paid, two-day visit to the NIH, Bethesda, Maryland. Tour the facilities of the NCI and the NIH, listen to and network with research fellows, and potentially interview for a summer internship program (see above) internship with NCI Investigators. Apply: Nov

[UNCF-Merck—Undergraduate Science Research Scholarship Awards](#)

For African-American undergraduates in their junior year. Up to \$35,000, which includes up to \$25,000 towards tuition, room and board, and billable fees. Each UNCF-Merck Undergraduate Fellow will be mentored by a Merck scientist and will receive two Summer Research Internships (at a Merck research facility in Rahway, NJ, West Point, PA, or Boston, MA) with stipends totaling at least \$10,000, if eligible. The recipient's department may apply for a Department Grant of up to \$10,000. Apply online.

[J. Craig Venter Institute—Internship Program](#)

For undergraduates the Internship Program provides opportunities to inspire young scientists and other science professionals to work in all areas of the Institute. Interns are assigned to a mentor who is a member of the Institute's faculty or senior staff. A research program/work experience is tailored to each participant's education level and capabilities.

[UCSD--Summer Undergraduate Research Fellowships in Pharmacology \(PHARMACOLOGY SURF\)](#)

The Pharmacology Department at the UCSD School of Medicine offers a 10-week research and training program to undergraduate juniors who are interested in a career in basic research and in exploring Ph.D. training in the basic biomedical sciences.

[American Society for Microbiology—Microbiology Undergraduate Research Fellowship](#)

For undergraduates from groups underrepresented in the microbiological sciences. Summer research placement with an ASM member, stipend, attendance at ASM Annual Meeting 2012. Apply online.

[UCLA—Amgen Scholars Program](#)

The [Amgen Scholars Program](#) is a national program to increase learning and networking opportunities for students committed to pursuing a career in science or engineering. For college Sophomores (with 4 quarters or 3 semesters of college experience), Juniors and non-graduating Seniors (who are returning in the fall to continue their undergraduate experience.)

[Drexel University College of Medicine—Summer Undergraduate Research Fellowships \(SURF\)](#)

The purpose of the SURF program is to provide students with an opportunity to enhance their analytical and technical scientific research skills while earning a stipend to support their participation. Research interns are mentored by Drexel Med faculty, who work in various disciplines including biochemistry, molecular and cell biology, neuroscience, microbiology, immunology, pathobiology, pharmacology and physiology.

[University of Oklahoma—Summer Undergraduate Research Experience Program](#)

The Graduate College at the University of Oklahoma Health Sciences Center (OUHSC) has developed and hosts a number of summer undergraduate research programs (SURPs) aimed at better preparing and encouraging undergraduate students to pursue careers in biomedical research or health related sciences. Studies show that undergraduate research programs are beneficial to the success of applying to and completion of a graduate degree program.

[University of Pennsylvania—SUPERS@PENN](#)

For rising college juniors and seniors. Ten-week summer program with a primary goal of attracting talented undergraduates to graduate programs leading to a Ph.D. with an emphasis on radiation biology, radiation physics and cancer imaging. Competitive stipend and free dormitory housing on campus at the University of Pennsylvania.

[UCSD Medical Scientist Training Program--Summer Undergraduate Research Fellowship](#)

SURF program designed for motivated undergraduate students who are interested in learning about a career in biomedicine and the medical sciences

[National Institute of Diabetes and Digestive and Kidney Diseases \(NIDDK\)--Short-Term Education Program for Underrepresented Persons \(STEP-UP\)](#)

The program exposes underrepresented and disadvantaged students to research in the NIDDK mission areas including diabetes, endocrinology, metabolism, nutrition, obesity and digestive, liver, urologic, kidney, and hematologic diseases.

[USF Summer Program for the Advancement of Research Knowledge \(SPARK\)](#)

Moffitt's SPARK program is a sponsored internship program for college undergraduates at the Moffitt Cancer Center on the campus of the University of South Florida in Tampa.

[UCSD--Summer Training Academy for Research in the Sciences \(STARS\)](#)

Funded primarily by the National Science Foundation, through the Office of Graduate Studies, STARS offers exciting eight week summer research opportunities for underrepresented students in the sciences, engineering, and math. The academy provides research experience, GRE training and workshops in preparation for the challenges of doctoral programs.

[Roswell Park Cancer Institute--Summer Research Experience](#)

Roswell Park Cancer Institute (RPCI), with funding from the National Cancer Institute (NCI), offers summer programs designed to provide college juniors an immersive research experience in the biomedical life sciences at an NCI-designated comprehensive cancer center. Applications for the upcoming Summer Program are accepted from students who are currently enrolled in their junior year of

college and have demonstrated an interest in a scientific career. College juniors from non-research universities who have had limited opportunities to participate in research, under-represented minority students and students from financially disadvantaged backgrounds are especially encouraged to apply.

[National Institute of Neurological Disorders and Stroke - Summer Program in the Neurological Sciences](#)

The NINDS purpose in awarding student internships is to provide students with a highly stimulating and rewarding summer research experience, with a view towards encouraging students to pursue advanced education and training in the biomedical sciences and future careers in scientific investigation, particularly basic and clinical research in the neurological sciences. Summer research training is designed to supplement and give practical meaning to students' academic course work.

[Summer Medical and Dental Education Program – Multiple Program Sites ex UCLA, DUKE, Harvard ...](#)

SMDEP is implemented at 12 program sites across the nation. Each program site provides scholars with academic enrichment in the basic sciences and math, clinical experiences, career development activities, learning and study skills seminars, and a financial planning workshop. Program sites vary on how they deliver each of these required components and when the programs begin. Applicants are encouraged to review program site information below. Also, you can compare sites by viewing one of the matrices under Compare Program Sites.

[The Summer Research Opportunities Program](#)

SROP is a gateway to graduate education at CIC universities. The goal of the program is to increase the number of underrepresented students who pursue graduate study and research careers. SROP helps prepare undergraduates for graduate study through intensive research experiences with faculty mentors and enrichment activities.

[The Rockefeller University – Summer Undergraduate Research Fellowship Program](#)

The Rockefeller University Summer Undergraduate Research Fellowship (SURF) program provides a unique opportunity for undergraduates to conduct laboratory research. College sophomores and juniors are eligible to spend 10 weeks during the summer in a Rockefeller University laboratory. The program begins in early June and ends in mid-August. Placement in laboratories is centralized through the Dean's Office. Students are matched with laboratories according to their stated research interests, and work on projects under the direct supervision of faculty, postdoctoral fellows and/or senior graduate students.

[Gerstner Sloan-Kettering – Summer Undergraduate Research Program](#)

We invite applications from undergraduate freshmen, sophomores, or juniors who are contemplating a career in biomedically related sciences. Applicants should have a minimum GPA of 3.0 and should have completed at least college-level general biology and/or introductory chemistry.

[University of Pittsburgh School of Medicine – Summer Undergraduate Research Program](#)

The Summer Undergraduate Research Program is designed for students seriously considering graduate school or a career in biomedical research. You may apply if you are currently enrolled as an undergraduate student in an accredited institution of higher education in the United States. Preference will be given to US citizens and permanent residents who have completed their sophomore or junior year.

[Dartmouth – Summer Undergraduate Research Fellowship](#)

A SURF award includes a full time research experience in the laboratory of one of the principal investigators in the Molecular and Cellular Biology Program as well as participation in group discussions, seminars, and other research and career oriented activities.

[The Leadership Alliance Summer Research Early Identification Program \(SR-EIP\),](#)

It offers undergraduates, interested in pursuing a PhD or MD-PhD, the opportunity to work for eight to ten weeks under the guidance of a faculty or research mentor at a participating Alliance institution. Through this one-on-one collaboration, students gain theoretical knowledge and practical training in academic research and scientific experimentation. The SR-EIP is designed to encourage students from groups traditionally underrepresented in the sciences, social sciences and humanities to consider research careers in the academic, public or private sectors.

[University of Alabama at Birmingham – Summer in Biomedical Science Undergraduate Research program](#)

The Summer in Biomedical Science (SIBS) Undergraduate Research Program will provide the opportunity for young people to be instructed in the techniques of modern biology while becoming integrated members of a vibrant clinical and scientific community.

[Institute Pasteur – Pasteur Summer Internship](#)

The Pasteur Foundation Summer Internship Program provides U.S. undergraduates with the rare opportunity to conduct summer research at the Institute Pasteur. The foundation's goal is to encourage students in the pursuit of a scientific career and to expose them to an international laboratory experience.

[Southwestern Graduate School of Biomedical Sciences - Summer Undergraduate Research Fellowship \(SURF\)](#)

The Summer Undergraduate Research Fellowship (SURF) program at the University of Texas Southwestern Graduate School is an intensive summer research training experience designed for college students who are preparing for careers in biomedical research. Fellows spend 10 weeks (beginning in early June and ending mid-August) pursuing individual research projects in the laboratories of UT Southwestern Graduate School faculty members.

[The Samuel Roberts Noble Foundation – Summer Research Scholar Program](#)

One summer... That's all the time it takes to discover a passion, explore the unseen worlds of plant science and set a course that can change your life. The Noble Foundation Summer Research Scholar Program offers the opportunity to conduct plant science in a real-world laboratory setting with some of the profession's greatest minds.