



## **Finding research opportunities**

### **General advice**

You may have joined your undergraduate program knowing that you want to become a Doctor, or you may have come to that realization later in your university life. As soon as you have made that decision you should work with your student clubs, academic advisors, career advisors or pre-health advisors – whoever you have access to - to strengthen your chances of gaining entry to medical school. The more proactive you are in your pursuit of a medical education the stronger chance you have.

If you are seeking a medical education with a strong research component, proving that you are able and interested in research will be critical to your success. There are hundreds of opportunities across the US, but at the same time, competition for a research spot, particularly a paid one is intense. Being proactive here is vital. Don't leave it until the last minute.

### **Once you have joined a program**

We recommend that you journal your research experiences so that you can easily recall the highlights for your AMCAS application. Also remember that your fellow researchers and professors could hold the key to your future success. Show up with your highest degree of professionalism to create a great impression and ensure that you are able to gain a strong letter of recommendation on completion of your research.

### **Start local**

Your academic advisor should be able to help you to identify courses that have strong research components within them. These research components might naturally lead into a more fully developed research opportunity. Even if you are not able to take additional courses, the easiest place to start looking for opportunities is within your own college or university by talking with academics.

Most professors will respond positively to students expressing an interest in their research. Once you have found a faculty member whose interests align with yours, reach out to them during office hours or schedule an appointment. Remember that effective emails are short, have descriptive subject titles and are professional (with proper capitalization, grammar, formal tone, with the proper salutations). In not more than one or two short paragraphs explain who you are and why you want to connect. Once you have met with the faculty member, continue to establish regular contact, even if you are not taking their class, by visiting them during office hours. Take time to build a relationship before asking to join them– be mindful of the fact that the research being conducted will be the result of many years of hard work.

If the faculty member is not able to work with you for any reason, the time invested in the relationship is not wasted. Faculty have years' of experience conducting their own research as well as guiding undergraduates in pursuing research and other opportunities. As a result, they are ideally-placed to help you look for research opportunities and funding sources, give you guidance on filling out applications or offering mentoring.

## Financial considerations

Creating your own research opportunity as outlined above could mean that it is unpaid. So look for help through your college or university, local benevolent funds, grants, sponsorship or charitable donations to help support you.

Lastly: Don't be intimidated! Most faculty members love getting to know students and helping them to explore their field.

## Virginia Tech opportunities

Virginia Tech has a range of opportunities to pursue and a good place to start looking is the office of undergraduate research: <http://research.undergraduate.vt.edu/ugr-opportunities.html>

Two programs to highlight are MAOP and Neurosurf

### [MAOP](#)

#### ABOUT THE PROGRAM

The MAOP Undergraduate Summer Research Internship aims to provide undergraduates from diverse backgrounds an opportunity to conduct research on campus and to educate participants about graduate education. Students from a wide variety of academic disciplines spend ten weeks during the summer (late May - late July/early August) working closely with a faculty mentor in a mentor/protege relationship to design, conduct and present a scholarly research presentation.

Students also prepare to take the Graduate Record Examination (GRE), and receive counseling on gaining admission to graduate school and available funding opportunities. In addition, the experience provides for a two day retreat at Camp Alta Mons, and provides students with the opportunity to enhance their personal growth and development.

Students devote at least 40 hours a week on their respective research projects and scholarly activities. At the conclusion of the program, students will present their research to their fellow SRI peers, faculty mentors, and guests. The research is presented using a poster format and oral presentation. This research symposium is the culminating event of the experience, and takes place during the last week of the program.

The program is open to undergraduate students from any two-year and/or four-institution from around the United States and territories. **Participants must be U.S. Citizens or Permanent U.S. Residents.** Participants are selected on the basis of academic achievement, commitment to pursue graduate education, and match of interest with an available faculty mentor.

### [Neuro surf](#)

#### ABOUT THE PROGRAM

The VTCRI neuroSURF program is a 10-week long summer program that gives students the opportunity to participate in hands-on, hypothesis-driven independent research in an area of translational neurobiology at the Virginia Tech Carilion Research Institute in Roanoke, Virginia. This program encompasses a full-time, 40-hour week schedule and supports neuroSURF students with a \$3,500 stipend. Housing will also be provided to those students that need it.

The VTCRI neuroSURF program's objectives are:

- To expose undergraduate students to the broad scope of multidisciplinary, fundamental, and translational neurobiology
- To provide hands-on research experiences in the field of neurobiology to undergraduates who would not otherwise be exposed to experiential learning in multidisciplinary translational neurobiology
- To expose students to experiential learning and neurobiology early in their careers to increase the likelihood of long-term careers in neurobiology-related fields
- To develop and foster creative problem solving skills in early career students
- To provide training and experiences that foster improved science communication at all levels and to all audiences

Areas of research for VTCRI neuroSURF students will include:

- Cellular, Molecular, and Developmental Neurobiology
- Glial Cell Biology and Cancer
- Behavioral, Cognitive, and Computational Neurobiology

In addition to hands-on research projects, VTCRI neuroSURF students will participate in:

- Weekly neurobiology research seminars by Virginia Tech Faculty
- Courses on preparing for a future career in science
- Mentoring on science communication and presentation skills
- The Virginia Tech Summer Undergraduate Research Symposium
- Peer mentoring from VT graduate students
- Social and cultural activities with fellow summer research students

### Other Published Research Opportunities

#### Please note

- **This is not an exhaustive list, double check with your pre-health advisors to see if there are others**
- **You should check your eligibility thoroughly before applying**
- **Some positions are paid, some partially paid and some unpaid**
- Check [Association of American Medical Colleges](http://www.shpep.org/), for research opportunities and especially the summer health professions education program <http://www.shpep.org/>

[Alabama State University](http://www.asu.edu), Montgomery, AL

Part of the Research Experiences for Undergraduates (REU) Program ASU offers a 9-week multidisciplinary summer research program with \$550 a week stipend. <http://www.alasu.edu/academics/research--centers/reu-program/index.aspx>

[Alaska Native Tribal Health Consortium](http://www.anthc.org), Anchorage, AK offers internships to Alaskan/Native American applicants to ANTHC's clinical and research services program.

[Albert Einstein College of Medicine](http://www.einstein.yu.edu), Bronx, NY supports pipeline programs. Go to <https://www.einstein.yu.edu/education/md-program/diversity/pipeline-programs/> for more information. The school also offers an 8 week research laboratory work experience [Albert Einstein Summer Undergraduate Research Program](http://www.einstein.yu.edu/education/md-program/diversity/pipeline-programs/)

[Alliance for Health Reform](http://www.allhealth.org), Washington, DC

The Alliance offers a modest stipend. Interns are responsible for their own housing, travel, and other associated expenses. Interns will receive a "thorough education in health care economics and politics".

"<http://www.allhealth.org/about-us/job-opportunities/internships/>

[American Cancer Society](https://www.cancer.org/about-us/local/connecticut/fuller-and-stone-research-fellowships.html), Framingham, MA - *Applicants must be residents of New England (CT, MA, ME, NH, RI, or VT) who are enrolled in a four-year undergraduate program, which may be outside of New England*

<https://www.cancer.org/about-us/local/connecticut/fuller-and-stone-research-fellowships.html>

[American Chemical Society, Research Opportunities for Undergraduates](#)

This website has a range of links for research opportunities

[American Gastroenterological Association](#), Bethesda, MD – opportunities for research into digestive diseases or nutrition.

[American Heart Association](#), Founders Affiliate internship, offering opportunities in cardiovascular research.

<http://www.heart.org/HEARTORG/Affiliate/Founders-Affiliate-Local-Research->

[Opportunities UCM 315885 Article.jsp](#) Check the website to find the internship that is offered in your region

[American Physiological Society](#), Rockville, MD – Five different programs are available and some might be able to be taken at the student's home university

[American Red Cross](#) offers paid and unpaid 10 week internships year round at the national headquarters in Washington D.C.

[American Society for Microbiology](#) has a number of undergraduate research fellowships available in Washington

D.C. Look at the following link for opportunities <http://www.asm.org/index.php/fellowships/25->

[education/students/7827-asm-undergraduate-research-fellowship-asm-urf](#)

[American Society for Pharmacology and Experimental Therapeutics \(ASPET\)](#), Bethesda, MD - Summer

Undergraduate Research Fellow (SURF) are funded at 21 different universities

(<https://www.aspet.org/awards/SURF/institutional-Funded/>) you have to check each university link for details

[Amgen Scholars Program](#) - Various

The Amgen Scholars U.S. Program provides hundreds of selected undergraduate students with the opportunity to engage in a hands-on research experience at some of the nation's leading educational institutions. Amgen Scholars will have the opportunity to take part in important university 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 attend scientific seminars, workshops and other networking events.

This members group for faculty of undergraduate neuroscience has a wide range of resources including a list of neuroscience internships :

[https://funfaculty.org/drupal/undergrad\\_internships\\_neuroscience](https://funfaculty.org/drupal/undergrad_internships_neuroscience)

[Arthritis Foundation \(California\)](#) - Summer Science Internship Program – restricted to a geographic area of northern California. Offers science internships together with the research and clinical laboratories of Stanford University and the University of California, San Francisco (UCSF).

[Augusta University](#), Augusta, GA – offers the “Student Training And Research (STAR)” Program

<http://www.augusta.edu/gradstudies/star/research.php> - in a wide variety of research disciplines

[Baylor College of Medicine, Department of Surgery](#), Houston, TX offers an unpaid Michael E. DeBakey Summer

Surgery Program. The [Human Genome Sequencing Center](#), offers G/GREAT (Genetics/Genomics Research

Education And Training Program. Lastly there is a [Summer Medical and Research Training Program](#) - for

undergraduate students who are interested in exploring a career in scientific research.

[Boston College](#), Chestnut Hill, MA offers a research experience for undergraduates through the [Integrated Science For Society](#)

[Boston University](#), Boston, MA offers a [SURF program](#) Summer Undergraduate Research Fellowship **which** includes projects in areas of **biomedical science**

[Boston University, Center for Computational Neuroscience and Neural Technology](#), Boston, MA) Undergraduate Summer Program in **Neuroscience**

[Boston University School of Medicine](#), Boston, MA offers “fundamental Research in Chemistry” Addressing

Problems in Biology - "...for talented undergraduates from minority groups traditionally underrepresented in the biomedical sciences"

[Brandeis University](#) Waltham, MA - [Undergraduate Summer Research](#)

[Brigham and Women's Hospital](#) Boston, MA offer a Four Directions Summer Research Program and numerous

volunteer programs: <http://www.brighamandwomens.org/research/opportunities/default.aspx>

[Broad Institute Center for Genome Research](#), Cambridge, MA - [Broad Summer Research Program](#) - "this is an

intensive nine-week summer research opportunity designed for undergraduates with a commitment to biomedical

research and an interest in genomics”

[Brooklyn College](#), Brooklyn, NY – offers a Psychology and Neuroscience REU Program

[Brown University](#), Providence, RI – offers the Brown University Minority Health and Health Disparities

International Research Training Program in **Bangladesh, Brazil, Ghana, India, The Phillipines, Mexico, Ukraine**

[California Institute of Technology](#), Pasadena, CA – offers a range of opportunities, paid and unpaid. These include the Amgen Scholars Program, the Summer Undergraduate Research Fellowship and WAVE Fellows program check their website for more details.

[Case Western University](#), [Academic Careers in Engineering & Science \(ACES\) Program](#), Cleveland, OH - [application](#)  
Summer Undergraduate Research Program (for minority undergraduates)

[Case Western University](#), [Department of Macromolecular Science & Engineering](#), Cleveland, OH - NSF Undergraduate Summer Research Experience - "Research assignments will be based on preferences indicated on the application form in the following possible research areas: **biomedical devices.**"

[Case Western University](#) and [Division of Pediatrics](#) at [Rainbow Babies and Children's Hospital](#), Cleveland, OH offer a Summer Student Research Program Rainbow Babies and Children's Hospitals of Cleveland

[Case Western University School of Medicine](#), [Office of Multicultural Programs](#), Cleveland, OH - Heart, Lung and Blood (HLB) Summer Research Program

[Centers for Disease Control and Prevention](#), Atlanta, GA - Summer ORISE Fellowship Opportunities

[Charles B. Wang Community Health Center](#), New York, NY runs the Project AHEAD (Project Asian Health Education and Development)

[Summer Research Experiences for Undergraduates \(REU\) Program](#) – Biological Sciences Collegiate Division offers a REHU investigating Gene and Addiction.

[Children's Hospital Boston](#), [Division of Newborn Medicine](#), Boston, MA – offers a Summer Student Research Program

[Children's Hospital Colorado](#), Aurora, CO offers a Summer Child Health Research Internship

[Summer Research Program at Children's Hospital Oakland Research Institute](#) - Oakland, California

The CHORI Summer Research Program is designed to provide an opportunity for students to immerse themselves fully in the world of basic and/or clinical research during the summer.

[Children's Hospital of Philadelphia Research Institute](#), Philadelphia, PA – offers NSF supported Injury Science Research Experiences for Undergraduates

[Children's Hospital of Pittsburgh](#), Pittsburgh, PA – offers a [Summer Research Training Program](#)

[Christian Brothers University](#), Memphis, TN – offers the Minority Health and Health Disparities International Research Training (MHIRT) program – and provides international research training opportunities in **Brazil, Nicaragua, and Uganda**

[Cincinnati Children's Hospital Medical Center](#), Cincinnati, OH – offers a Summer Undergraduate Research Fellowship

[City of Hope Cancer Center](#), Duarte, CA - [Eugene and Ruth Roberts Summer Student Academy](#)

[Colorado State University](#), Ft. Collins, CO offers a summer research experience funded by REU where you "participate in active research in a wide range of areas”

[Columbia University](#), New York, NY [Application](#) is for the Amgen Scholars Program - in 2016 included [Mentors](#) from **areas of medicine**

[Columbia University](#) also offers a Summer Public Health Scholars Program, Biostatistics Epidemiology Summer Training Diversity Program and a Summer Program for Under-Represented Students

[Cornell University](#), [Weill Graduate School of Medical Sciences](#), New York, NY offers a Access Summer Research Program

[Crohn's & Colitis Foundation of America](#), New York, NY – offers awards of \$2,500 to conduct research [Student Research Awards for undergraduate students](#)

[Cystic Fibrosis Foundation](#), Bethesda, MD Student Traineeships "Applicants must be undergraduates planning to pursue graduate training"

[Dartmouth College](#), [Geisel School of Medicine](#), Hanover, NH – [8 week MD-PhD](#) Undergraduate Summer (MPUS) Fellowship Program available

[DePaul University](#) [Medical Informatics Program \(MedIx\)](#) - Chicago, IL

The main objectives are to encourage talented undergraduates to pursue graduate education and to expose students to interdisciplinary research, especially at the border of information technology and medicine.

[Dine College](#), Shiprock, NM - [Summer Research Enhancement Program](#) - "A unique training program for students interested in public health research in Native communities"

[Directors of Health Promotion and Education](#), Washington, DC Internship program to "place students of *minority-serving institutions* in public health settings (federal, national, state and local health agencies, community-based health organizations, voluntary health agencies, etc. for practical experience in the field of public health education" – you have to register as a community non-member to learn more about the internship

[Drexel University College of Medicine](#), Philadelphia, PA - Summer Undergraduate Research Fellowship  
Faculty of Undergraduate Neuroscience has a host of internship resources here:

[https://funfaculty.org/drupal/undergrad\\_internships\\_neuroscience](https://funfaculty.org/drupal/undergrad_internships_neuroscience)

[Duke University School of Medicine](#), Durham, NC runs a summer research program

[East Carolina University](#), [Brody School of Medicine](#), Greenville, NC Summer Program for Future Doctors – available to both current Brody students and pre-medical applicants.

[Emory](#) offers a listing of research opportunities here

[http://www.cse.emory.edu/sciencenet/undergrad/Summer\\_Research/Browse.cfm](http://www.cse.emory.edu/sciencenet/undergrad/Summer_Research/Browse.cfm)

[Eppley Institute for Research in Cancer and Allied Diseases](#), Omaha, NE offers cancer research programs

[Florida Institute of Technology](#), Melbourne, FL - Research Experience for Undergraduates (REU) at the Intersection of Mathematics and Biology – For example one project "Models the Growth of **Cancer Cells**"

[Florida Mental Health Institute](#), [University of South Florida](#), Tampa, FL also offers a Summer Research Institute

[Fox Chase Cancer Center](#), Philadelphia, PA – students interested in the undergraduate summer research fellowship need to nominate a faculty member to be a mentor before [applying](#)

[Fred Hutchinson Cancer Research Center Summer Intern Program](#) - Seattle, WA

An intense nine week research program for students interested in biomedical research.

[George Mason University](#), Fairfax, Virginia - [Aspiring Scientists Summer Internship Program](#) - **not a paid** opportunity

[Georgia Southern University](#), Statesboro, GA - "Applications for the [CEMITURE](#) program open in November annually - Collaborative Multidisciplinary Investigations

[Gilead](#), Foster City, CA (headquarters) and other locations – run a search for internship under their jobs board [co-op SEARCH](#)

[Gillette Children's Specialty Healthcare](#), Saint Paul, MN - [Summer Research Internship Program](#) - this is **not a paid** opportunity and **housing is not** provided

[Gundersen Health System](#), La Crosse, WI [Student Summer Research Fellow](#) direct link to application form.

[Hampton University](#), Hampton, VA - [Minority Health International Research Training \(MHIRT\) program](#) at the [University of Dar es Salaam](#) in **Tanzania**, [Egerton University](#) in **Njoro, Kenya**, and [University of Benin](#) in Benin City, **Nigeria**

Harvard Medical School have a range of opportunities and its worth spending time searching through their website, here are a few excerpts:

[Harvard Medical School](#), [Division of Medical Sciences](#), Boston, MA - (apply online through [Leadership Alliance Early Identification Program](#)) - Summer Honors Undergraduate Research Program - "Summer research opportunities will be available in a variety of biological and biomedical sciences including (but not limited to): cellular and developmental biology, cell cycle regulation, stem cell biology, studies of blood cells, cancer biology, endocrinology, immunology, microbiology, molecular biology, genetics, neuroscience, receptor structure and function, trans-membrane signaling mechanisms, and virology."

[Immunology Graduate Program](#), Boston, MA - Undergraduate Immunology Summer Program

[Office for Diversity and Community Partnership](#) Catalyst Summer Clinical and Translational Research Program

[Harvard School of Public Health](#), **6-week** Summer Program in Biostatistics & Computational Biology - "Potential applicants should have an interest in public health as a career. Coursework in calculus recommended. Prior exposure to statistics is not required" - "Travel to Boston and living expenses are provided"

[Department of Epidemiology](#), Multidisciplinary International Research Training Program (MIRT) "Research opportunities are designed collaboratively with faculty in **Zimbabwe, Ethiopia, Vietnam, Thailand, Malaysia, Republic of Georgia, Peru, Mexico, Ecuador, Chile, and Australia** - financial support includes: round-trip airfare to foreign institution; monthly stipend; foreign living expenses; health insurance

[Division of Biological Sciences](#), Summer Program in Biological Sciences in Public Health

The [Department of Molecular and Cellular Biology](#), also offer summer research programs



[Harvard-MIT Division of Health Sciences and Technology](#), research into Biomedical Informatics

[Harvard-MIT Division of Health Sciences and Technology](#), research into Biomedical Optics

**Harvard** opportunities open to all students:

<http://sysbio.harvard.edu/summer-internship.html> centre for systems biology undergraduate summer research internships

- [Harvard Stem Cell Institute Internship Program](#)
- [Harvard-Amgen Scholars Program in Biotechnology](#)

[Hauptman-Woodward Medical Research Institute](#), Buffalo, NY [Student Intern Program](#)

[Health Career Connection](#), San Francisco, CA a platform to connect college students to internship opportunities

[Hepatitis B Foundation](#), Doylestown, PA – offers a summer internship program check the website for details

[Herman B Wells Center for Pediatric Research](#) at the [Indiana University School of Medicine](#), Indianapolis, IN offers an unpaid [Summer Internship Program](#)

[H. Lee Moffitt Cancer Center & Research Institute](#), Tampa, FL Summer Program for the Advancement of Research Knowledge (SPARK) a sponsored internship program for undergraduates.

[Hofstra North Shore-LIJ School of Medicine](#), Hempstead, NY [application](#) Pre-Med Internship Program (4-week Internship Program)

[Hospital for Special Surgery](#), New York, NY [Women's Sports Medicine Center](#) Summer Internship Program

[Houston Methodist](#), Houston, TX – offers a [Summer Undergraduate Research Internship](#)

[Hunter College](#), [Center for Translational and Basic Research](#), New York, NY offers an annual [Summer Program for Undergraduate Research](#) with a community focus

[Illinois Institute of Technology](#), Chicago, IL offers a range of topics, search their website for appropriate summer research programs

[Indiana University Cancer Center](#), Indianapolis, IN – offers a 9 week [Summer Research Program](#)

[Indiana University School of Medicine](#), Indianapolis, IN offers an Undergraduate Research for Prospective Physician-Scientists and Physician-Engineers - open to undergraduate students who have completed their freshman or sophomore year of course work with a **background in biology**

[Institut Pasteur](#), Paris, France – offers an English language [summer internship](#) attracting US students

[Irene & Eric Simon Brain Research Foundation](#), Sparta, NJ [Student Summer Fellowship in Neuroscience](#) to support student research at various labs in a University, Medical School or Research Institute in the United States

[J. Craig Venter Institute](#), La Jolla, CA go to the main Internship information site click on View Job Opportunities - several Intern positions are listed, view each for details (**not** all are **paid** opportunities)

[Johns Hopkins University](#), [Institute for NanoBiotechnology](#), Baltimore, MD – offers an REU in nanobiotech...where biology, **medicine**, and nanotech meet". John Hopkins also offers summer internships in Psychiatry, Robotic Computing and a diversity summer internship program

[Kansas State University](#), [Summer Undergraduate Research Opportunity Program](#) - Manhattan, KS

Gives undergraduates from under-represented groups a first-hand experience with the research process. This experience is designed to help students prepare for graduate school and other advanced study.

[Kansas State University](#), Manhattan, KS – offers a [Summer Undergraduate Research Opportunity Program](#) –

[Keck Graduate Institute](#), Claremont, CA [Summer Undergraduate Research Experience \(SURE\)](#) Program research in the areas of applied molecular and cellular biology, bioengineering, computational biology.

[Kennedy Krieger Institute](#), Baltimore, MD - The [MCHC/RISE-UP Program](#) provides opportunities for enhanced public health leadership training to focus on elimination of health disparities and promotion of health equity. It is a 10-week summer program that begins at the end of May each year.

[Kentucky Biomedical Research Infrastructure Network](#), [University of Louisville](#), Louisville, KY – offers an [Undergraduate Summer Research Program](#) - provides housing but **no** additional **paid stipend**

[Kresge Hearing Research Institute](#), [Michigan Medicine](#), Ann Arbor, MI Summer Program for the Deaf and Hard-of-Hearing - "Applications should include resume, transcript and letters of recommendation and should be submitted to the **employment offices at Gallaudet, RIT/NTID**, or to Entry Point! for **deaf and hard-of-hearing students only**

[Lehigh Valley Health Network](#), Allentown, PA – offers a [Research Scholar Program](#)

The [New York Blood Center](#), New York, NY offers the LFKRI [summer internship](#)

[Loma Linda University](#), [Center for Health Disparities and Molecular Medicine](#), Loma Linda, CA – offers an [undergraduate training program](#)

[Louisiana State University Health Sciences Center](#), both the [Department of Genetics](#), New Orleans, LA and the [Department of Pharmacology, Toxicology and Neuroscience](#), Shreveport, LA – offer [summer research opportunities](#) or [Summer Undergraduate Pharmacology Experience in Research \(SUPER\)](#)

[Loyola University-Chicago](#), [Stritch School of Medicine](#), Chicago, IL [Summer Undergraduate Research](#)  
[Lupus Foundation of America](#), Rockville, MD offers awards for career development of Fellows and support through the [Gina Finzi Memorial Student Summer Fellowship Program](#) to undergraduates.

[Magee Women's Research Institute](#), Pittsburgh, PA offers the [College Student Summer Internship Program](#) - "Research Areas: Development & Regenerative Medicine, Female Cancer, Gynecology, Infectious Disease, Pregnancy, Reproductive Physiology, Gonadal Biology & Fertility, and Women's Health"

[Maine Medical Center Research Institute](#), Scarborough, ME offers a [Summer Student Research Program](#)

[Marquette University](#), Milwaukee, WI – offers a [Biomedical Sciences Summer Research Program](#)

[Marshfield Clinic Research Foundation](#), Marshfield, WI go to the jobs board and search for [internships](#)

[Masonic Medical Research Laboratory](#), Utica, NY – offers a [Summer Fellowship Program](#)

[Massachusetts General Hospital](#), Boston, MA – offers a [Summer Research Trainee Program](#)

[Massachusetts Institute of Technology](#), Cambridge, MA – offers range of programs including Amgen-UROP Scholars Program - [Research Opportunities](#) . On the website look for research opportunities in [Health Sciences and Technology Computational and Systems Biology](#), [Department of Biology](#) and [Department of Brain and Cognitive Sciences](#), [Division of Health Sciences and Technology](#), [Division of Health Sciences and Technology](#), [Summer Research Program in Genomics \(SRPG\)](#) - BROAD Institute of MIT and Harvard University

Designed for underrepresented minority undergraduate students with an interest in the physical, biological, or computer sciences, engineering, or mathematics and a commitment to research. Students will spend the summer in a laboratory at the Broad Institute, where they will perform original scientific research.

[Mayo Clinic and Graduate School](#), Rochester, MN – offers a range of Summer Undergraduate Research Fellowship as well as a bioethics internship and a Summer Lab Science Program-Department of Lab Medicine and Pathology Job

[MD Anderson Cancer Center](#), Houston, TX offers several opportunities ([summer internship program](#) link for more details), they also offer a [Summer Research Program in Cancer Prevention](#)

[Medical College of Wisconsin](#), offers internships and research opportunities in its [graduate school](#) and office of student affairs ([DSHERP](#)) (Diversity Summer Health-related Research Education Program)

[Medical University of South Carolina](#), Charleston, SC – has a [Summer Undergraduate Research Program](#), its [Department of Psychiatry and Behavioral Sciences](#), also has a [DART](#) Summer Research Fellowship Program

[Memorial Sloan-Kettering Cancer Center](#), New York, NY has a 10 week [Summer Undergraduate Research Program](#)

[Michigan State University](#), East Lansing, MI- has a research fellowship [ASPET Summer Undergraduate Research Fellow \(SURF\) Awards](#)

[Minneapolis Heart Institute Foundation](#), Minneapolis, MN has a [Summer Research Internship Program](#)

[Monell Chemical Senses Center](#), Philadelphia, PA – has a [Monell Science Apprenticeship Program](#) only for PA residents

[Monmouth University](#), West Long Branch, NJ – has a [Summer Research Program](#) in a number of fields: Biology— cell biology, cancer biology, molecular biology, ecology, entomology, marine and environmental biology, reproductive biology"

[Morehouse College](#), Atlanta, GA - [Project: IMHOTEPE](#) An Undergraduate Training Program in Public Health designed to increase the knowledge and skills of student trainees in biostatistics, epidemiology, and occupational safety and health you can also apply for the [Morehouse College PHLFP Public Health Leader Fellowship Program](#) and lastly a [Summer Research Program](#)

[Mount Sinai School of Medicine](#), New York, NY – offers a number of opportunities including a SURF program and international exchange program. Check the [application](#) for each program [application](#)

[Mount Sinai School of Medicine](#), [Ma'ayan Laboratory](#), [Computational Systems Biology](#), New York, NY -[Summer Research Program in Biomedical Big Data Science](#)

[National Institute of Allergy and Infectious Diseases](#) - Bethesda, MD

Students are offered the unique opportunity to join one of NIAID's research laboratories for an internship with a minimum of 8 consecutive weeks

[National Cancer Institute's Summer Cancer Research Fellowship/Internship Program](#)- Various Locations Provides a unique opportunity for eligible sophomore or junior college students to engage in innovative



approaches to cancer research through the National Cancer Institute's (NCI) Integrative Cancer Biology Program (ICBP)

[National Center for Toxicological Research](#), Jefferson, AR – offers a summer student research [program](#)

[National Eye Institute](#), Bethesda, MD & Rockville, MD - [application](#) NEI Summer Intern Program

[National Heart, Lung and Blood Institute](#), Bethesda, MD - [Summer Institute in Biostatistics](#). Currently the NHLBI supports six SIBS programs, however please check for 2018 details. Projects teach "...principles, methodologies, uses, and applications of statistical methods in **biomedical and clinical research**.."

[National Heart, Lung and Blood Institute](#), Bethesda, MD - [application](#) for Summer Internship Program in Biomedical Research

[National Human Genome Research Institute](#), Bethesda, MD - [application](#) for Summer Internship Program in Biomedical Research

[National Institute for Mathematical and Biological Synthesis](#), [University of Tennessee](#), Knoxville, TN [Research Experiences](#) for Undergraduates for "majors in math, **biology**, and related fields" research areas include "**disease and health**, evolution, ecology, molecular biology..."

[National Institute of Arthritis and Musculoskeletal and Skin Diseases](#), Bethesda, MD - [application](#) for Summer Student Program

[National Institute of Diabetes and Digestive and Kidney Diseases](#), Bethesda, MD - [NIDDK Diversity Summer Research Training Program \(DSRTP\)](#) for Undergraduate Students. NIDDKD also offers Short-term Research Experience For Underrepresented Persons (STEP-UP) at **Institutions** around the country. Check the website for more details.

[National Institutes of Health](#) (NIH), Bethesda, MD (and other locations) - [application](#) and [Brief Program Summary](#) for participating NIH organizations also check for the Amgen Scholars program

[National Institutes of Health](#) (NIH), [National Institute of Biomedical Imaging and Bioengineering](#), Bethesda, MD also offers a [Biomedical Engineering Summer Internship Program](#)

[National Institute of Neurological Disorders and Stroke](#), Bethesda, MD [application](#) for Summer Program in the Neurological Sciences

[National Institute on Drug Abuse](#), Bethesda, MD - [Summer Research Internship Program](#)

[National Space Biomedical Research Institute](#), Houston, TX [Summer Apprentice Program](#) hands on space biomedical research at NASA's Johnson Space Center in Houston, Texas, Glenn Research Center in Cleveland, Ohio and Ames Research Center in Moffett Field California

[National Science Foundation Science & Technology Centers, Summer Internships](#)- Various Locations

An opportunity to gain hands-on research experience in a cutting edge field, in the biological sciences, computer and information sciences, engineering, geosciences, and mathematical and physical sciences

[Nemours/Alfred I. duPont Hospital for Children](#), Wilmington, DE - [Application](#) - Nemours Summer Undergrad Research Scholarship Program - **TWO** different opportunities: Nemours Summer Undergraduate Research Program & Office of Health Equity and Inclusion's Health Equity Summer Scholar Program (OHEI-HESSP)

[New York City Department of Health and Mental Hygiene](#), New York, NY - [applications](#) for Health Research Training Program

[New York University](#), [Center for Neural Science](#), New York, NY – [SURF program](#) also available is the [NYU Summer Undergraduate Research Program](#) - New York University School of Medicine, NY

[North Carolina A&T State University](#), [Engineering Research Center for Revolutionizing Metallic Biomaterials \(ERC-RMB\)](#), Greensboro, NC offers a cross-college/departmental research program [biomedical implant industry and university faculty in engineering and medicine](#)

[Northeastern University](#), [College of Science](#), Boston, MA - [REU Research Teams](#) in areas of **biomedical science** and **medicine**

[Northwestern University](#), [Chicago Region Physical Sciences-Oncology Center](#), Evanston, IL - [application](#) Summer Research Experiences for Underserved College Students - "**Bioscience majors** with a demonstrated interest in the physical sciences will also be considered"

[Northwestern University](#), [R. H. Lurie Comprehensive Cancer Center](#), Evanston, IL [Continuing Umbrella of Research Experience \(CURE\) Program](#)

[Novartis Institutes for Biomedical Research](#), Emeryville, CA, Cambridge, MA - [Scientific Summer Scholars Program](#) Oak Ridge National Laboratory [DOE Science Undergraduate Laboratory Internships](#) - Oak Ridge, Tennessee

[Office of Naval Research](#), Washington, DC NREIP's Online [Application](#) Naval Research Enterprise Internship

Program include [Navy Medical Research Center](#) (Silver Spring, MD) and [Naval Medical Research Unit](#) (San Antonio, TX)

[Ohio State University, College of Medicine, Medical Scientist Training Program](#), Columbus, OH - [Summer Undergraduate Course Creating Excellence in Scientific Study \(SUCCESS\)](#)

[Ohio University College of Osteopathic Medicine, Center of Excellence for Multicultural Medicine](#), Athens, OH - Summer Undergraduate Research Fellowship and [Summer Scholars Program](#)

[Oregon Health & Science University, Department of Medical Informatics and Clinical Epidemiology](#), Portland, OR - [Biomedical Informatics Summer Undergraduate Research Program](#)

[Oregon Health & Science University](#), Portland, OR – offers a [Summer Equity Research Program](#)

[Parkinson's Disease Foundation, Inc](#), New York, NY - offers- [Summer Student Fellowships](#)

[Pennsylvania State University, College of Medicine/Hershey Medical Center](#), Hershey, PA – offers a - [Summer Undergraduate Research Internship Program](#)

[Princeton Neuroscience Institute, Princeton University](#), Princeton, NJ - [application process](#) Summer Internship Program also offers a

[Summer Undergraduate Research Program in Molecular and Quantitative & Computational Biology](#) –

[Rice University, Institute of Biosciences and Bioengineering](#), Houston, TX - offers- [Summer Research Experience in Multi-Scale Biomolecular Networks](#)

[Rockefeller Summer Undergraduate Research Fellowship](#) - Rockefeller University, NY

Provides a unique opportunity for undergraduates to conduct laboratory research. SURF students work with leading scientists in a broad range of areas including biochemistry; structural biology and chemistry; molecular, cell and developmental biology; immunology; virology and microbiology; neuroscience; physics; and mathematical biology.

[Roswell Park Cancer Institute](#), Buffalo, NY – offers [Summer Research Experience Program in Cancer Science](#)

[Rowan University, Graduate School of Biomedical Sciences](#), Stratford, NJ – offers [Summer Undergraduate Research Experience \(SURE\)](#)

[Rutgers Robert Wood Johnson Medical School, Graduate Program in Neuroscience](#), Piscataway, NJ - [Summer Undergraduate Research Program \(SURP\)](#) in Molecular and Developmental Neurobiology

[Rutgers - State University of New Jersey, Center for Advanced Biotechnology and Medicine](#), New Brunswick, NJ - [application](#) for Summer Undergraduate Research Experience

[Rutgers - State University of New Jersey, Graduate School of Biomedical Sciences](#), Newark, NJ – offers a range of applications [application](#) Summer Research Experience for Undergraduate Students , the [Institute for Health, Health Care Policy and Aging Research](#), in New Brunswick offers Project L/EARN [application](#), the [Robert Wood Johnson Medical School](#), Piscataway, NJ – offers a [NeuroSURP](#) program

[Samford University](#), Birmingham, AL - [application](#) offers a Research Experience for Undergraduates (REU) program - to address questions in ecology, biochemistry, population biology, botany, geography, plant chemistry, molecular biology, cell biology and **pathogenesis**

[San Diego State University, College of Sciences](#), San Diego, CA - [application process](#), [application](#), [faculty recommendation form](#) Minority Health and Health Disparities International Research Training (MHIRT) program at

**Ghana, Peru, Taiwan, Uganda, Mexico**

[Sanford Health, Sanford Research](#), Sioux Falls, SD – has a range of research opportunities including the Sanford Program for Undergraduate Research (SPUR) and NSF Research Experience for Undergraduates (REU) and the Summer Undergraduate Research Experience - Social-Behavioral Research Training in American Indian Community-Based Projects. Use the [application link](#)

[Scripps Research Institute](#), La Jolla, CA and Jupiter, FL – offers a [Summer Undergraduate Research Fellows \(SURF\) Program](#)

[SENS Research Foundation](#), Mountain View, CA - [SRF Summer Scholars Program](#) offers paid positions/projects are available at [eight world-renowned research institutions](#) in CA, FL, MA, NC, and **Oxford, England** - "biomedical research to combat diseases of aging, such as cancer, Alzheimer's, and Parkinson's Disease"

[Stanford University School of Medicine](#), Stanford, CA – offers [Stanford Summer Research Program/Amgen Scholars Program](#) and the [The Stanford Summer Research Program in Biomedical Sciences \(SSRP\)](#) – offers a fully funded, eight week, residential internship program

[State University of New York at Albany](#), Albany, NY - [application](#) for the Summer Research Program - Participants are placed under the direction and guidance of faculty members and researchers from various institutions and

agencies, such as the University at Albany, **Gen\*NY\*Sis Center for Excellence in Cancer Genomics, Pharmaceutical Research Institute, Albany College of Pharmacy, Albany Medical College, NYS Department of Health's Wadsworth Center, Stratton VA Medical Center** and other sites or departments for an intensive 8 week residential program

[State University of New York at Buffalo](#), Buffalo, NY - [application](#) for the CLIMB UP for Summer Research program - [Participating Mentors](#) include several in fields of medicine. Also the [Institute for Strategic Enhancement of Educational Diversity](#), offers a Summer Research Experience - [Summer Mentors](#) include several in areas of medicine

[State University of New York at Buffalo](#), [School of Medicine and Biomedical Sciences](#), Buffalo, NY [Summer Undergraduate Research Experience](#) - participating departments include several areas of **medicine**

[Stony Brook School of Medicine](#), [Department of Pharmacological Sciences](#), Stonybrook, NY – offers [Summer Undergraduate Research Fellowship](#) for pharmacology and experimental therapeutics

[St. Jude Children's Research Hospital](#), [Pediatric Oncology Education Program](#), Memphis, TN – offers a [Pediatric Oncology Education Program](#)

[Stowers Institute for Medical Research](#), Kansas City, MO – offers a [Summer Scholars Program](#)

[Summer Health Professions Education Program](#), at [many medical school program sites](#) – browse the website to find a research program

[Texas A&M University Health Science Center](#), [College of Medicine](#) College Station, TX offers a ten week [research program](#)

[Texas Tech University Health Sciences Center](#), [Graduate School of Biomedical Sciences](#), Lubbock, TX Apply online at [www.bioraider.com](#) - [Summer Accelerated Biomedical Research Internships](#)

[The Endocrine Society](#), Bethesda, MD offers [Summer Research Fellowships](#)

[The Hormel Institute](#), [University of Minnesota-Mayo Clinic](#), Austin, MN - offers [Summer Undergraduate Research Experience](#)

[The Jackson Laboratory](#), Bar Harbor, ME Summer Student Program - [research areas](#) include Cancer, Metabolic Diseases, Hematology/ Immunology

[The Massachusetts Life Sciences Center Internship Challenge](#) - Various Locations, Massachusetts. Facilitates the placement of students and recent graduates who are considering career opportunities in the life sciences in paid summer internships across the state.

[Thomas Jefferson University](#), Philadelphia, PA offers a [summer program](#)

[Translational Genomics Research Institute](#), Phoenix, AZ - [Helios Scholars at TGen](#) for Arizona applicants only

[Tufts University](#), [Sackler School of Graduate Biomedical Sciences](#), Medford, MA - [Building Diversity in Biomedical Sciences for Undergraduates](#)

[Tulane University](#), [School of Public Health and Tropical Medicine](#), New Orleans, LA - [Tulane-Xavier Minority Health International Research Training](#)

[Tuskegee University](#), Tuskegee, AL –[Research Experience for Undergraduates](#) in a range of areas, several [projects](#) are in **biomedical research**

[University of Alabama at Birmingham](#), [School of Medicine](#), Birmingham, AL - PARAdiGM - [Preparation for Graduate and Medical Education](#)

[University of Alabama at Birmingham](#), and its [School of Medicine](#), offer other summer research programs, look through the website for details [University of Arizona](#), Tuscon, AZ - [Minority Health Disparities Summer Research Opportunities Program](#)

[University of Arkansas for Medical Sciences](#), [Department of Biochemistry and Molecular Biology](#), and [Department of Pharmacology and Toxicology](#), Little Rock, AR both offer Summer Undergraduate Research Fellowship

[University of California at Berkeley](#), Berkeley, CA offers a range of research opportunities. [Amgen Scholars Program](#) - [Research Areas](#) include several fields of medicine and biomedical research [NSF Summer Research Experience for Undergraduates \(REU\) Program in Cell, Developmental, and Evolutionary Biology](#) Individual research projects in one of ~30 faculty laboratories in the Departments of Integrative Biology, Molecular & Cell Biology and Plant & Microbial Biology at the University of California at Berkeley.

[School of Public Health](#), [Center for Occupational and Environmental Health](#), Short Term (8 weeks) [Educational Experiences for Research in Environmental Health for Undergraduate Students](#)

[University of California at Los Angeles](#), Los Angeles, CA also offers the Amgen Scholars Program - [UCLA Amgen Scholars Program Faculty](#) which include areas of biomedical research, the [School of Medicine](#) offers a [Pre-](#)

[medical/Pre-dental Enrichment Program](#) and there is a summer research program [UCLA Summer Programs for Undergraduate Research \(SPUR\)](#)

[University of California at San Diego](#), [Department of Pharmacology](#), its [Office of Graduate Studies](#), and its [School of Medicine](#) all offer summer research programs take a look at the website and especially the [Summer Training Academy for Research in the Sciences](#) and [Medical Scientist Training Program Summer Undergraduate Research Fellowship](#)

[University of California at San Francisco](#), San Francisco, CA [several research programs listed](#)

[University of California Davis Health System](#), [Department of Pathology and Laboratory Medicine](#), Sacramento, CA - [Hugh Edmondson Summer Research Internship Program](#)

[University of California, Irvine](#), Irvine, CA - [Minority Health and Health Disparities International Research Training](#) in [Centro de Biología Molecular Severo Ochoa \(CBMSO\) Madrid, Spain](#), and [Kings College, London](#)

[University of Chicago](#), [The Conte Center](#), Chicago, IL [Research Experience for Undergraduates](#) including Computational Neuropsychiatric Genomics

[University of Chicago](#), [Pritzker School of Medicine](#), offers unpaid internships as part of the [Chicago Academic Medicine Program](#)

[University of Cincinnati College of Medicine](#), Cincinnati, OH [Summer Undergraduate Research Fellowship](#), [Medical Scientist Training Program](#),

also available through [Department of Pharmacology & Cell Biophysics](#), [Summer Undergraduate Research Training Program](#) in Pharmacology, Toxicology, and Pharmaceutical Sciences [Neuroscience Graduate Program](#), Cincinnati, OH

[University of Colorado](#), Boulder, CO - [Summer Multicultural Access to Research Training](#) including **Neuroscience** and **Integrative Physiology**

[University of Colorado Cancer Center](#), Denver, CO - [Cancer Research Summer Fellowship](#)

[University of Colorado, Denver](#), [School of Medicine](#), Denver, CO [Graduate Experience for Multicultural Students Program](#) summer research program

[University of Connecticut](#), [Department of Physiology and Neurobiology](#), Storrs, CT offers a [research experience for undergraduates](#) program

and the [School of Medicine](#), in Framington, CT offers a [College Summer Fellowship Program](#)

[University of Connecticut Health Center](#), Farmington, CT offers two programs [Health Disparities Clinical Summer Research Fellowship Program \(7-week program\)](#) and the [Aetna Health Professions Partnership Initiative](#)

[University of Connecticut Health Center](#), [Center for Cell Analysis and Modeling](#), Farmington, CT Summer Undergraduate Research Internships in Cell Analysis and Modeling - **apply** through the [Undergraduate Summer Research Internship Program in Biological and Biomedical Sciences](#)

The [Graduate School](#) at University of Connecticut also offers a [Undergraduate Summer Research Internship Program](#)

[University of Florida](#), [College of Medicine](#), [Department of Neuroscience](#), Gainesville, FL – offers a [Summer Neuroscience Internship Program](#)

[University of Georgia](#), Athens, GA – offers research into [Population Biology of Infectious Diseases](#)

[University of Hawaii](#), [Cancer Center](#), Honolulu, HI [UH Cancer Center Research Internship Opportunity](#) - **must be a state of Hawaii resident**

[University of Iowa](#), [Graduate College](#), Iowa City, IA [Summer Research Opportunities Program](#) available mentors in areas of **medicine** and **biomedical science** University of Iowa also offers [Summer Undergraduate MSTP Research Program \(SUMR\)](#) and the

[Medical Scientist Training Program \(MD, PHD\)](#) – for preparation for careers as physician-scientists

[University of Iowa Carver College of Medicine](#), [Department of Biochemistry](#), Iowa City, IA - [Biochemistry Summer Undergraduate Research Fellowship \(BSURF\) Program](#) research involves planning and performing experiments in order to answer questions of interest in contemporary biochemistry and research areas include **structural biology**, **genetics**, **developmental biology** and **molecular biology**

[University of Iowa Carver College of Medicine](#), [Department of Microbiology](#), Iowa City, IA Summer Research Experience for Undergraduates in Microbiology

[University of Kansas](#), Lawrence, KS offers summer research in its [Department of Molecular Biosciences](#), [Department of Pharmaceutical Chemistry](#), and the [University of Kansas Medical Center's](#) Department of Pharmacology, Toxicology and Therapeutics

[University of Kentucky College of Medicine](#), Lexington, KY [Department of Molecular and Cellular Biochemistry](#) and the [Department of Pharmacology and Nutritional Sciences](#), offer research opportunities in structural biology, biophysics, proteomics, protein and nucleic acid chemistry, membrane biochemistry, and molecular biology and offers a Summer Undergraduate Research Fellowship

[University of Louisville, School of Medicine](#), Louisville, KY [Summer Cardiovascular Research Program](#) for undergraduate students from under-represented and under-served populations

[University of Maryland, School of Medicine, Greenebaum Cancer Center](#), Baltimore, MD - [co-op \(2017\)](#) Nathan Schnaper Summer Intern Program in Cancer Research

[University of Maryland, School of Public Health](#), College Park Maryland - [Summer Training and Research \(STAR\)](#) –

[University of Maryland, Baltimore County](#), Baltimore, MD - [Summer Biomedical Training Program](#) - includes [Howard Hughes Medical Institute](#)

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

[University of Massachusetts Medical School](#), Worcester, MA - [Combined Summer Undergraduate Research Opportunity](#)

[University of Miami Miller School of Medicine](#), [The Miami Project to Cure Paralysis](#), Miami, FL [NIH Summer Research Program](#)

[University of Michigan](#), Ann Arbor, MI - [Summer Research Opportunity Program](#) - [Participating Departments](#) include several in areas of **medicine** and **biomedical sciences** and also [University of Michigan, Life Sciences Institute](#), for any student in university or college in Michigan [Perrigo Undergraduate Fellowships](#)

[University of Michigan, School of Public Health](#), Ann Arbor, MI offers two more fellowships - [Future Public Health Leaders Program](#) and

[Summer Enrichment Program](#)

[University of Michigan Medical School](#), offers many research opportunities. For example an Undergraduate Research Training UM-SMART and a Summer Research Fellowship. The [Comprehensive Cancer Center](#) at University of Michigan offers an internship program [Cancer Research Summer Internship Program](#)

[University of Michigan Medical School, Department of Molecular and Integrative Physiology](#), Ann Arbor, MI - Short Term [Educational Program](#) towards Digestive and Metabolic Physiology, specifically targeted to students from mathematics, physics engineering, **computational sciences** and other quantitative backgrounds to encourage them to **apply their expertise to research relevant to digestive and metabolic physiology and associated diseases.**

[University of Michigan Medical School, Department of Pharmacology](#), Ann Arbor, MI [Charles Ross Summer Research Fellowship for Minority Undergraduate/Graduate Students](#)

[University of Minnesota](#), Minneapolis/St. Paul, MN Life Science Summer Undergraduate Research Programs [participating programs](#) include Heart, Lung, & Blood program, Neuroscience Program, Cancer Research, Education and Training Experience Program, Neural Systems Engineering program [Life Sciences Summer Undergraduate Research Program \(LSSURP\) University of Minnesota](#)

The University of Minnesota LSSURP oversees and coordinates six life sciences programs. The programs begin with a joint orientation weekend, followed by participation in a 10-week research project under the direction of a University of Minnesota faculty mentor, and numerous special activities focused on professional development as well as social interaction.

[University of Minnesota Medical School, Lillehei Heart Institute](#), Minneapolis/St. Paul, MN - [Summer Research Scholars Program](#)

[University of Mississippi, Center of Research Excellence in Natural Products Neuroscience](#), Oxford, MS - [Summer Undergraduate Research Program](#)

[University of Mississippi Medical Center, Summer Undergraduate Research Experience](#)

[University of Missouri](#), Columbia, MO [MU Alcohol Research Training Summer School](#), and its [College of Engineering](#), offers a [Summer Research Experiences For Undergraduates In Neuroscience](#) lastly [School of Medicine](#) offers [Summer Research Internship in Biomedical Sciences](#)

[University of Montana, Department of Chemistry and Biochemistry](#), Missoula, MT one [project](#) entitled "Development of Novel Inhibitors of Human DNA Methyltransferases for **Cancer Chemotherapy**"

[University of Nebraska-Lincoln](#), Lincoln, NE Summer Research Programs - Biomedical Engineering - Any science major with [interest in medical applications](#)" – The University of Nebraska-Lincoln also offers Summer Research



Programs - [Social Network Analysis for Solving Minority Health Disparities](#) and [Summer Research Programs - Redox Biology - Related Fields: Biomedical Science](#)

[University of Nebraska Medical Center](#), Omaha, NE offers a [Summer Undergraduate Research Program](#) and a premed M.D./PH.D. [Summer Undergraduate Research Program](#)

[University of New Mexico School of Medicine](#), offers a pipeline program [Biomedical Research Education Program](#), *for students from New Mexico and AK, ID, MT, NM, NV & WY* and all students who attend **Minority-serving Institutions**

[University of North Carolina at Chapel Hill](#), offers numerous internships and summer research opportunities. Explore online the [Department of Pharmacology](#), the [North Carolina Health Careers Access Program](#), and the [School of Medicine](#), for Summer of Learning and Research (SOLAR) Program and Summer Research Experience for Undergraduates and the Medical Education Development (MED) Program

[University of North Dakota](#), Grand Forks, ND - Genes & the Environment: [Research Experiences for Undergraduates](#) (REU) from Rural and Tribal Colleges - several [projects](#) led by mentors from the **School of Medicine**

[University of North Texas Health Science Center at Fort Worth](#), Fort Worth, TX [Summer Training Among Research Scientists \(STARS\) Program](#)

[University of Oklahoma Health Science Center](#), Oklahoma City, OK [Cancer Undergraduate Research Experience \(CURE\)](#) the [Graduate College](#), also offers [Summer Undergraduate Research Experience](#)

[University of Oregon](#), Eugene, OR offers the opportunity to join ongoing NIH research into child health and development - [University of Oregon R25 Summer Research Program](#)

[University of Pennsylvania](#), [Biomedical Graduate Studies](#), Philadelphia, PA - [Summer Undergraduate Internship Program](#) and the School of Medicine offers [Summer Undergraduate Program for Educating Radiation Scientists](#)

The [University of Pennsylvania School of Medicine](#), [Center of Excellence for Diversity in Health Education and Research](#) offers [Summer Pre-Med Enrichment Program For Under-Represented Minority Students](#)

[University of Pittsburgh](#), offers a range of SURF programs

The [Center for Neural Basis of Cognition](#), has a [Summer Undergraduate Research Program](#)

[Center for Neuroscience](#), has a [Summer Undergraduate Research Program](#)

[Human Engineering Research Laboratories](#), **Two REU** programs - American Student Placements in Rehabilitation Engineering (ASPIRE) and Quality of Life Technology Engineering Research Center (QoLT ERC)

[School of Medicine](#), [Summer Undergraduate Research Program](#) Pittsburgh, PA

[University of Rochester Medical Center](#), [Summer Scholars Program](#)

For undergraduate students interested in the Ph.D. degree in the Biological or Biomedical Sciences and for Students with a potential interest in attending graduate school at the University of Rochester.

Also look through the medical school for the center for advocacy and the strong children's research center for further opportunities.

[Career Exploration and Summer Enrichment for College Undergraduates](#)

[University of South Alabama College of Medicine](#), [Center for Lung Biology](#), Mobile, AL – [research opportunities](#),

[University of South Carolina](#), [Center for Colon Cancer Research](#), Columbia, SC [Summer Undergraduate Minority Research Program](#)

[University of Southern California](#), Los Angeles, CA [Latino Mental Health Research Training Program](#) - "...comprised of an intensive one-week training seminar at USC, and a 10-week training program at [Benemérita Universidad Autónoma de Puebla](#) in **Puebla México**" - *requires excellent Spanish language oral and written skills*

[University of South Florida](#), [Florida Mental Health Institute](#), Tampa, FL [Summer Research Institute](#)

[University of Texas at El Paso](#), El Paso, TX - [Summer Mentoring and Research Training program](#) in Methods in the Neuroscience of Drug-addiction (SMART MIND)

[University of Texas Health Science Center at Houston](#), Houston, TX - [Summer Research Program](#)

[University of Texas Health Science Center at San Antonio](#), [Cancer Therapy and Research Center](#), [Department of Cellular and Structural Biology](#), San Antonio, TX - **co-op (2015)** [Cancer Prevention & Research Institute of Texas](#) (CPRIT) Summer Undergraduate Research Scholar Program

[University of Texas Health Science Center at San Antonio](#), [Department of Molecular Medicine](#), San Antonio, TX - **co-op** (2012 information) **(2016)** [Application](#) is for **2016** - "Must be either *enrolled in a Texas college or university* OR *a Texas resident enrolled in a college or university in another US state*"

[University of Texas Health Science Center at San Antonio](#), [Department of Pharmacology](#), San Antonio, TX – offers



an 8 week program (no housing) [Summer Research Opportunities](#) for Undergraduates  
[University of Texas Health Science Center at San Antonio](#), [Department of Physiology](#), San Antonio, TX – has a ten week program [Summer Physiology Undergraduate Research](#)  
[University of Texas Medical Branch](#), Galveston, TX – the graduate school has a [Neuroscience Summer Undergraduate Research](#) Program  
[University of Texas Southwestern Medical Center](#), [Southwestern Graduate School of Biomedical Sciences](#), Dallas, TX - Quantitative and Physical Sciences [Summer Undergraduate Research Fellowship](#) (QP-SURF) - Research areas include: **Biomedical Engineering**, **Computational Biology**. The University of Texas Southwestern Medical Center has a range of other SURF programs to consider applying to -  
[Summer Undergraduate Research Fellowship](#) (SURF)-Cancer  
[Summer Undergraduate Research Fellowship Program](#),  
[Summer Undergraduate Research Institution](#) for the Study of Kidney Disease  
[University of Utah](#), [BioScience Research Program](#), [Molecular Biology](#) and [Biological Chemistry](#), Salt Lake City, UT  
[Summer Undergraduate Research Program](#) Programs listed under the [Summer Program for Undergraduate Research](#) are [also held](#) in the Huntsman Cancer Institute  
[University of Vermont](#), [College of Medicine](#), [Department of Neurological Sciences](#), Burlington, VT - Neuroscience [Summer Undergraduate Research](#) Fellowships  
[University of Virginia School of Medicine](#), Charlottesville, VA [Summer Research Internship Program](#) or [Summer Research Internship Program in Biomedicine](#)  
[University of Washington](#), Seattle, WA – you can apply for the [Neurological Surgery Summer Student Program](#), [Genome Sciences Summer Research Program](#) for Undergraduates, INSIGHT Summer Research Program, the [Environmental Health Research Experience Program](#) or conduct research into neural engineering  
<http://www.csne-erc.org/search/node/summer%20research>  
[University of Wisconsin-Madison](#), Madison, WI you can apply to [Integrated Biological Sciences Summer Research Program](#), the [Psychological Research Experience Program](#), or the [Integrated Biological Sciences Summer Research Program](#), there is also a program for under-represented groups in research- [Summer Research Opportunities Program for Minority Students](#). lastly there is an opportunity to study neuroscience [Integrated Biological Sciences Summer Research Program](#)  
[Van Andel Research Institute](#), Grand Rapids, MI select [Internship Opportunities](#), then select Frederik and Lena Meijer Student Internship Program - top research areas are epigenetics, neurodegenerative science, cancer, cell biology, skeletal disease and tumor microenvironment  
[Vanderbilt University](#), has a range of opportunities for research :  
[Summer Research Experience for Undergraduates Program in Chemical Biology](#)  
[BP-ENDURE program](#) for neuroscience majors from traditionally underrepresented groups  
[Summer Enrichment Research Program](#) in Education and Neuroscience Training  
[The Conte Center Summer Undergraduate Research Experience \(SURE\)](#) in Neuroscience  
[Undergraduate Clinical Research Internships](#) Program  
[Undergraduate Research Internships on the Pathobiology of Diabetic Nephropathy](#)  
[The Molecular and Cellular Biology](#) Summer Program  
[Vanderbilt Minority Summer Research Program](#)  
[Vanderbilt Summer Diabetes Research Program](#)  
Vanderbilt [Summer Undergraduate Research Internship](#) in Biomedical Informatics  
[Vanderbilt Vaccine Center](#)  
[Virginia Commonwealth University](#), [Division for Health Sciences Diversity](#), Richmond, VA - [Summer Academic Enrichment Program](#)  
[Virginia Commonwealth University](#), [School of Medicine](#), Richmond, VA - [Summer Student Program](#) in Microbiology, Infectious Diseases and Public Health Epidemiology  
<http://www.research.vcu.edu/ugresources/opps.htm> Majority for VCU students, but health disparities program is open to non VCU students <http://www.healthdisparities.vcu.edu/Research--Training/Research-Training-Programs/Student-FAQs/>  
[Virginia Commonwealth University](#) [Health Educational Research Opportunity \(HERO\)](#) - Virginia Commonwealth University  
10-week summer research experiences for undergraduate students and first-year medical or dental students.

[\*\*Wake Forest Institute for Regenerative Medicine\*\*](#), Winston-Salem, NC - [Summer Scholars Program](#)

[\*\*Wake Forest University School of Medicine\*\*](#), Winston-Salem, NC [Summer Biomedical Engineering Research Opportunities](#)

[\*\*Wake Forest University School of Medicine\*\*](#), Winston-Salem, NC scroll through [research opportunities](#)

[\*\*Washington University in St. Louis\*\*](#), St. Louis, MO - [Biomedical Research Apprenticeship Program](#) (BioMedRAP)

[\*\*Washington University in St. Louis\*\*](#), [Mallinckrodt Institute of Radiology](#), St. Louis, MO – [summer research opportunities](#)

[\*\*Washington University in St. Louis\*\*](#), [The Genome Institute](#), St Louis, MO [Undergraduate Scholars Program](#)

[\*\*Wayne State University\*\*](#), [School of Medicine](#), [Cancer Biology Graduate Program](#), Detroit, MI - [Summer Fellowships in Breast Cancer Research](#)

[\*\*Wayne State University\*\*](#), [School of Medicine](#), [Department of Physiology](#), Detroit, MI - [Summer Undergraduate Research Fellowship](#)

[\*\*Weill Graduate School of Medical Sciences\*\*](#), [Cornell University](#), New York, NY - [Leadership Alliance Summer Research-Early Identification Program](#)" - Access Summer Research Program

[\*\*Weill Medical College of Cornell University\*\*](#), New York, NY [Travelers Summer Research Fellowship Program](#)

[\*\*West Virginia University\*\*](#), [Cancer Institute](#), Morgantown, WV - [Summer Undergraduate Cancer Research Program](#)

[\*\*West Virginia University Health Sciences Center\*\*](#), [Neurosciences Institute](#), Morgantown, WV [Summer Undergraduate Research Internships](#)

[\*\*Yale University\*\*](#), New Haven, CT - The Graduate School of Arts and Sciences is a member of the [Leadership Alliance](#) and offers a fully paid summer internship that provides undergraduates with training and mentoring in the principles underlying the conduct of research. Qualified applicants can apply through the Leadership Alliance [Summer Research-Early Identification Program \(SR-EIP\) website](#).