



## External Research Opportunities

**\*\*This is not an exhaustive list, only a sampling\*\***

### Minnesota Opportunities

#### *University of Minnesota*

The University of Minnesota has summer research programs in a number of disciplines including the life sciences, chemistry and bioinformatics.

[The Life Sciences Summer Research Program \(LSSURP\)](#) - Four life sciences programs which include ecology and the environment, molecular biology, neuroscience and independent research.

[The Lillehei Heart Institute](#) at the University provides summer research scholarships in cardiovascular medicine.

[The Pathways to Research Program \(PReP\)](#) PReP provides an opportunity for students from populations underrepresented in research to begin or advance their research career.

[Program in Health Disparities Research](#) This program about cancer and health disparities is an eight-week program designed to give undergraduate students from Minnesota's racial/ethnic minority and under-represented communities' research experience in the health sciences.

[The Materials Research Science and Engineering Center \(UMN MRSEC\)](#) is a collaboration among the science and engineering departments of the University's Institute of Technology.

[The School of Physics and Astronomy](#) has a summer research program for juniors and seniors interested in post baccalaureate studies.

**Non-University of Minnesota Opportunities:** The opportunities listed below are located within the state of Minnesota in various settings.

[Hennepin County Medical Center Research Assistant Program](#)

[Minneapolis Heart Institute](#)

### Mayo Clinic Programs

[The Summer Undergraduate Research Fellowship \(SURF\)](#) program at Mayo is sponsored by the Mayo Graduate School.

[The Summer Lab Science Program at Mayo Clinic](#) has paid positions available for students majoring in chemistry, human biological sciences, clinical laboratory science, or medical technology.

[Biomedical ethics research program at Mayo Clinic](#)

## Government Funded Opportunities

Materials Research Science and Engineering Centers (MRSECs) are funded by the National Science Foundation (NSF) and support interdisciplinary and multidisciplinary materials research and education.  
[Materials Research Science and Engineering Centers \(MRSECs\)](#)

[The National Institute of Standards and Technology \(NIST\)](#)

[The National Institutes of Health](#)-The National Institutes of Health (NIH) is the primary agency for support of biomedical research.

[Centers for Disease Control and Prevention](#)

[The National Park Service](#)

The National Park Service (NPS) hires approximately 10,000 temporary and seasonal employees annually to meet the needs of visitors and to manage and protect resources.

**Other federal agencies** offer summer research opportunities. Students must be either United States citizens or permanent residents of the United States. These agencies include:

[Department of Energy Science](#)

[National Oceanic and Atmospheric Administration](#)

[NASA](#)

### Other Opportunities

[Houston Methodist Hospital](#), Houston, TX, Biomedical focused, recommended by an alum

[Fred Hutchinson Cancer Research Center](#), Seattle, WA

[Harborview Injury Prevention and Research Center](#), Seattle, WA

[University of Pittsburgh](#), Pittsburgh, PA, Recommended by alum Malcom Meyn

[The Marshfield Clinic Research Foundation](#), Marshfield, WI

[The Association of American Medical Colleges \(AAMC\)](#)

[St. Jude Children's Research Hospital](#)-The Pediatric Oncology Education program at St. Jude Children's Research Hospital

[Children's Hospital Colorado- Department of Pediatrics](#)

[University of Michigan Cardiovascular Center](#)

[Biomedical Sciences at the University of Pennsylvania](#)

[University of Iowa Carver College of Medicine \(SUMR\)](#)

[SPUR Program at Medical College of Wisconsin](#)

### **Additional Opportunities at Colleges and Universities**

[Oregon Health and Science University Neuroscience Research](#)

[Keck Geology Consortium Gateway Program, current first year and sophomore](#) with interest in the sciences. Must be a US Citizen or permanent resident.

[University of California-Berkeley Summer Undergraduate Research Programs](#)

UC Berkeley offers several different research programs for students from other institutions.

[Univ. of Georgia Undergraduate Biology Research Experience \(UBER\)](#)

[University of Chicago Department of Molecular Genetics and Cell Biology](#)

[Center for Aerosol Impacts on Climate and the Environment \(CAICE\)](#)- Women and underrepresented are encouraged to apply.

[Aquatic Chemical Ecology at Georgia Tech](#)

[North Dakota State University Dept. of Coatings and Polymeric Materials](#)

[Medical College of Wisconsin Undergraduate Research \(PUR\)](#), open to domestic and international students

[UW-Stout LAKES](#) (Linking Applied Knowledge in Environmental Sustainability) [Research Experience for Undergraduates](#)- prioritizes underrepresented students

[University of Central Florida's Community GIS and Citizen Science REU](#)

[The Center For Selective C-H Functionalization](#)- chemistry focused

[University of Nebraska Summer Research Program](#)

University of WI-Madison [Summer Research Program \(SROP\)](#), open to juniors and senior students interested in biological sciences

[SURF program at the University of Texas- Southwestern](#)- *This program accepts international students.*  
[RiSE at Rutgers University](#), New Brunswick, NJ

[Research in Molecular and Quantitative Biology at Princeton University](#)-Molecular and Quantitative Biology.

[Monmouth University School of Science Program](#), West Long Branch, NJ

[WAVE Fellows Program at Caltech](#), Pasadena, CA- This program accepts but not limited to underrepresented minorities, women, first-generation college students, geographically underrepresented students, and educationally and financially disadvantaged students.

[REU Program at University of Illinois at Urbana-Champaign](#)

Students who do not have prior research experience or who are members of groups under-represented in the chemical sciences to apply. A Macalester alum, Professor Kami Hull, is on the REU committee at UIC.

[REU Program at University of Rochester](#), Rochester NY

[The Society of Chemical Industry \(SCI\)](#)

[MN DNR](#)

[NYU Tandon School of Engineering](#)

[RISE Program: Research in Germany](#)

[National Great Rivers Research and Education Center](#)

[Student Conservation Association](#)

[Wildlife-Related Positions at Texas A&M](#)

[APS and IBM Research Positions for Women](#)

[Baylor College of Medicine G/GREAT \(Genetics/Genomics Research Education and Training Program\)](#)

[American Museum of Natural History Undergraduate Fellowships](#)

[The Lunar and Planetary Institute](#)

[University of Delaware Summer REU Program in Marine Science](#)

[Harvard Forest Summer Research Program](#)

### **Private foundations and corporations**

[Jackson Laboratory](#)

[Cold Spring Harbor Laboratory](#)

[Genentech](#)

[Biogen](#)

Vertex

Roswell Park Cancer Institute Summer Research Participation Program in Science