MAC

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