External Funding Opportunities for Undergraduate Research

Below is a list of external funding sources for undergraduate research organized by discipline. This list was compiled from a search of websites and from chairs and directors responses to surveys. You should ask your faculty mentor or conduct your own search within your discipline to find additional funding opportunities. Please report any additions or corrections to the Chelsea Ward so we can update the list. Note, deadlines are based on prior years and are listed by month, check the program’s website for the most recent deadline information.

NOTE: Internal funds may be available from the Research Council and the School of Sciences.

ALL DISCIPLINES

Sponsor: Oak Ridge Institute for Science & Education
Program: ORISE Educational & Research Experiences for Undergrads
Discipline: All
Deadline: Variable
Contact: http://orise.orau.gov/science-education/default.aspx

Sponsor: Smithsonian Institute
Program: Internship Program
Discipline: All
Deadline: Variable
Contact: http://www.si.edu/ofg/intern.htm

GENERAL SCIENCES

Sponsor: National Institute of Standards and Technology (NIST)
Program: Summer Undergraduate Research Fellowship (SURF)
Discipline: Physics, Astronomy, Applied and Material Sciences, Chemistry, Mathematics, Computer Science, Engineering
Deadline: February

Contact: http://www.surf.nist.gov/surf2.htm

Sponsor: National Science Foundation
Program: Research Experiences for Undergraduates (REU) Program
Discipline: Natural and Social Sciences  
Deadline: Varies by program  

Contact: http://www.nsf.gov/home/crssprgm/reu/reulist.htm  

Sponsor: Sigma Xi  
Program: Grant-in-Aid of Research  
Discipline: Natural and Social Sciences, Engineering  
Deadline: March and October  

Contact: http://www.sigmaxi.org/programs/giar/index.shtml  

Sponsor: American Institute of Aeronautics and Astronautics (AIAA)  
Program: AIAA Foundation Undergraduate Scholarship Program  
Discipline: Physics, Astronomy, Engineering  
Deadline: January  

Contact: http://www.aiaa.org/Education/index.hfm?edu=23  

Sponsor: US National Library of Medicine  
Program: NLM Undergraduate Student Research Participation Program  
Discipline: Information & Library Science  
Deadline: Not specific  

Contact: http://www.orau.gov/orise/edu/nlm/nlmrespg.htm  

Sponsor: American Society for Clinical Pathology  
Program: ASCP Student Scholarships  
Discipline: Allied Health Services  
Deadline: November  

Contact: http://www.ascp.org/member/associate/scholarship.asp  

Sponsor: UNCF/Merck Science Initiative  
Program: Undergraduate Science Research Scholarship Awards  
Discipline: Natural Sciences  
Deadline: December  

Contact: http://www.uncf.org/merck/programs/undergrd.htm  

Sponsor: California State University at Los Angeles  
Program: CEA-CREST Fellowships  
Discipline: Environmental Studies, Environmental Sciences & Engineering, Biology, Ecology, Chemistry, Geography, Geology  
Deadline: Not specific
Contact: http://cea-crest.calstatela.edu/

Sponsor: National Science Foundation (NSF)
Program: Computer and Information Science Engineering (CISE)
Discipline: Computer Science, Engineering
Deadline: varies by program

Contact: http://www.nsf.gov/dir/index.jsp?org=CISE

SPECIFIC DISCIPLINES
BIOLOGY/MEDICINE

Sponsor: National Institutes of Health (NIH)
Program: Undergraduate Scholarship Program
Discipline: Health-related
Deadline: February

Contact: https://www.training.nih.gov/programs/ugsp

Sponsor: Society for Integrative and Comparative Biology
Program: Libbie H. Hyman Memorial Scholarship
Discipline: Biology
Deadline: March

Contact: http://sicb.org/grants/hyman/

Sponsor: Botanical Society of America
Program: Minority Undergraduate Participation Grant
Discipline: Biology
Deadline: March


Sponsor: American Society of Plant Biologists
Program: ASPB Summer Undergraduate Research Fellowships
Discipline: Biology, Ecology, Environmental Sciences
Deadline: February

Contact: https://surf.aspb.org/
CHEMISTRY

Sponsor: American Chemical Society Division of Fluorine Chemistry
Program: Moissan Summer Undergraduate Research Fellowship in Fluorine Chemistry
Discipline: Chemistry
Deadline: November

Contact: http://membership.acs.org/F/FLUO/INDEX.HTM

COMPUTER SCIENCES

Sponsor: National Science Foundation (NSF)
Program: Computer and Information Science Engineering (CISE)
Discipline: Computer Science, Engineering
Deadline: varies by program

Contact: http://www.nsf.gov/dir/index.jsp?org=CISE

ENGINEERING

Sponsor: National Science Foundation (NSF)
Program: Computer and Information Science Engineering (CISE)
Discipline: Computer Science, Engineering
Deadline: varies by program

Contact: http://www.nsf.gov/dir/index.jsp?org=CISE

Sponsor: American Institute of Aeronautics and Astronautics (AIAA)
Program: AIAA Foundation Undergraduate Scholarship Program
Discipline: Physics, Astronomy, Engineering
Deadline: January

Contact: http://www.aiaa.org/Education/index.hfm?edu=23

ENVIRONMENTAL

Sponsor: National Wildlife Federation
Program: NWF Campus Ecology Fellowship Program
Discipline: Environmental Studies, Ecology
Deadline: September

Contact: http://www.nwf.org/campusecology/grantguidelines.cfm

Sponsor: California State University at Los Angeles
Program: CEA-CREST Fellowships
Discipline: Environmental Studies, Environmental Sciences & Engineering, Biology, Ecology, Chemistry, Geography, Geology
Deadline: Not Specific

Contact: http://cea-crest.calstatela.edu/

PHYSICS

Sponsor: American Institute of Aeronautics and Astronautics (AIAA)
Program: AIAA Foundation Undergraduate Scholarship Program
Discipline: Physics, Astronomy, Engineering
Deadline: January

Contact: http://www.aiaa.org/Education/index.hfm?edu=23

PSYCHOLOGY

Sponsor: American Psychological Society
Program: APSSC Student Grant Program
Discipline: Psychology
Deadline: April

Contact: http://www.psychologicalscience.org/members/awards/student_grant.html

Sponsor: American Psychological Association
Program: APA Summer Science Institute
Discipline: Psychology
Deadline: Not specified

Contact: http://www.apa.org/science/ssi.html

Sponsor: Psi Chi, the National Honor Society in Psychology
Program: Summer Research Grants
Discipline: Psychology
Deadline: March
Contact: http://old.psichi.org/content/awards/undergraduate.asp