SUMMER RESEARCH OPPORTUNITIES FOR UNDERGRADUATES

University of Colorado Summer Research Opportunities

Biological Sciences Initiative BURST (Bioscience Undergraduate Research Skills and Training
http://bsi.colorado.edu

University of Colorado at Boulder, Dept. of Ecology and Evolutionary Biology Research Experiences for Undergraduates (REU) Program
http://www.colorado.edu/eeb/EEBprojects/reu/

University of Colorado at Boulder Summer Multicultural Access to Research Training Program (SMART) (diversity)
http://www.colorado.edu/GraduateSchool/DiversityInitiative/undergrads/smart/index.html

University of Colorado at Boulder Undergraduate Research Opportunities Program (UROP)
http://enrichment.colorado.edu/urop/

Other Colorado Institutions

Children’s Hospital Colorado Child Health Research Internship
http://www.childrenscolorado.org/research/training-opportunities

Colorado State University Biochemistry and Molecular Biology
http://www.bmb.colostate.edu/reu.cfm

University of Colorado Cancer Center - Cancer Research Summer Fellowship
http://www.ucdenver.edu/academics/colleges/medicalschool/centers/cancercenter/CommunityAndEducation/fellowship/Pages/fellowship.aspx

University of Colorado Anschutz Medical Campus Graduate Experience for Multicultural Students (GEMS)
http://www.ucdenver.edu/academics/colleges/medicalschool/programs/GEMS/Pages/default.aspx

University of Colorado Anschutz Medical Campus Undergraduate Pre-Health Program (UPP)
www.ucdenver.edu/UPP

Outside of Colorado- Listed Alphabetically by State

Alabama

Dauphin Island Sea Lab
http://univ-prog.disl.org/nsfreu.html

University of Alabama, Dept. of Chemistry Summer Undergraduate Research Program (SURP) (diversity)
http://bama.ua.edu/~chem/undergraduate/summerprogs/surp.html
University of South Alabama-REU on Structure and Function of Proteins
http://www.southalabama.edu/alliedhealth/biomedical/ucur/

Alaska

University of Alaska Southeast Summer Research Experiences for Undergraduates
http://www.uas.alaska.edu/artssciences/naturalsciences/biology/undergraduate-research/REU/index.html

Arizona

University of Arizona Summer Research Institute (diversity)
http://grad.arizona.edu/sri/

University of Arizona Department of Chemistry and Biochemistry
http://www.chem.arizona.edu/REU/program_details.cfm

Arkansas

National Center for Toxicological Research )Jefferson) Summer Student Research Program
http://see.orau.org/ProgramDescription.aspx?Program=10137

California

California Academy of Sciences Summer systematic Institute
http://research.calacademy.org/opportunities/ssi

California Institute of Technology MURF program (diversity)
http://www.murf.caltech.edu/

California Institute of Technology SURF program
http://www.surf.caltech.edu/

San Francisco State University summer BREED program
http://biology.sfsu.edu/faculty-pages/reu

San Jose State University RUMBA program
http://www.biology.sjsu.edu/rumba/NSF-REU_RUMBA/Welcome.html

Stanford Summer Research Program in Biomedical Sciences
http://ssrp.stanford.edu

UC Berkeley NSF Summer Research Experience for Undergraduates (REU) Program in Cell, Developmental and Evolutionary Biology, UC Berkeley
http://mcb.berkeley.edu/nsfreu/

UC Berkeley Amgen Scholars Program
http://amgenscholars.berkeley.edu/

UCLA several programs
http://www.ugeducation.ucla.edu/urc-care/spur.htm
University of California, Riverside Mentoring Summer Research Internship Program (MSRIP) (diversity)
http://www.graddiv.ucr.edu/msrip.html

University of California San Diego MSTP Summer Undergraduate Research Fellowship (diversity)
http://meded.ucsd.edu/asa/mstp/surf/

UCSD Amgen Scholars Program
http://aep.ucsd.edu/amgen/

UCSD Marine Physical Laboratory/Scripps Institution of Oceanography
Summer Research Internship Program
http://www.mpl.ucsd.edu/news/mpl_internships.html

UCSD MSTP summer undergraduate program
http://mstp.ucsd.edu/Pages/default.aspx

UCSF opportunities—several programs
http://graduate.ucsf.edu/content/summer-research-opportunities

**Connecticut**

University of Connecticut School of Medicine
http://medicine.uchc.edu/prospective/research/index.html

Yale University Multicultural Summer Research Programs (diversity) Application
http://medicine.yale.edu/education/omca/summer/index.aspx

**Florida**

Florida Atlantic University Marine Science and Engineering
http://www.fau.edu/hboi/education/internships/

Mote Marine Laboratory Summer Research Experience for Undergraduates
http://www.mote.org/index.php?src=gendocs&link=REUhome&category=Shark%20Research

**Georgia**

Center for Behavioral Neuroscience

Center for Disease Control and Prevention (CDC)
Agency for Toxic Substances and Disease Registry (ATSDR) Research Opportunities
Agency for Toxic Substances and Disease Registry (ATSDR) Summer Internship Opportunities
http://www.cdc.gov/Fellowships/

Emory University SURE Program
http://www.cse.emory.edu/sciencenet/undergrad/SURE/SURE.html
Georgia Tech University Aquatic Chemical Ecology
http://www.biology.gatech.edu/undergraduate-program/reu/index2.php

Illinois

Loyola University Chicago Stritch School of Medicine

Northwestern University Cancer Center
http://www.cancer.northwestern.edu/research/training_travel/summer_research/index.cfm

University of Chicago Pritzker School of Medicine
http://pritzker.uchicago.edu/current/students/summerresearch.shtml

University of Illinois Urbana-Champaign Summer Research Opportunities Program (SROP)
http://www.cic.net/Home/Students/SPROP/Introduction.aspx

Indiana

Indiana University Dept. of Biology Research Experiences for Undergraduates (REU) – Several Programs
http://www.bio.indiana.edu/undergrad/opportunities/index.html

Purdue University- several programs
http://www.gradschool.purdue.edu/programs/summer.cfm

Iowa

University of Iowa—several programs
http://www.medicine.uiowa.edu/biosciences/summer/programs.asp

Iowa State University Molecular Biotechnology and Genomics
http://www.reu.iastate.edu/

Kansas

University of Kansas – Several programs
http://www.ku.edu/~selfpro/research.shtml

Kansas State University Konza Prairie Research Experiences for Undergraduates Program
http://www.k-state.edu/bsanderc/reu/

Kentucky

Western Kentucky University
http://www.wku.edu/biotechreu/
Louisiana

Louisiana State University Health Science Center in New Orleans Summer Undergraduate Genetics Research Program
http://www.medschool.lsuhsc.edu/genetics/summer_student_program.aspx

Maine

Jackson Labs summer student program
http://education.jax.org/summerstudent/index.html

Maine Medical Center Research Institute
http://mmcni.org/home/webSubContent.php?subCatID=18&catID=4&headType=ug&catLevel=subCat

Mount Desert Island Biological Lab
http://www.mdibl.org/undergraduate_students.php

Maryland/Washington D.C.

Johns Hopkins University Bloomberg School of Public Health Summer Internship Program (SIP)
http://www.hopkinsmedicine.org/graduateprograms/sip.cfm

Maryland Sea Grant
http://www.mdsg.umd.edu/programs/research/reu/

National Human Genome Research Institute
http://www.genome.gov/10000218

National Institutes of Health Biomedical Engineering Summer Internship
http://www.nibib.nih.gov/Training/UndergradGrad/besip/home

National Institutes of Health Summer Biomedical Research Internship
https://www.training.nih.gov/programs/sip

University of Maryland Baltimore County –
http://www.umbc.edu/meyerhoff/Undergrad/summer/

University of Maryland Summer research programs for undergraduate, medical, and graduate students.
http://medschool.umaryland.edu/osr/summer.asp

Massachusetts

Boston University SURF Program
http://www.bu.edu/surf

Broad Institute of MIT and Harvard
http://www.broadinstitute.org/diversity/srpg/

Harvard Medical School, Summer Honors Undergraduate Research Program (diversity)
http://www.hms.harvard.edu/dms/diversity/shurpintro.html
Harvard University—other opportunities
http://www.ocs.fas.harvard.edu/students/careers/medicine/summer.htm

Massachusetts Institute of Technology Summer Research Program
http://mit.edu/biology/www/outreach/summer_research/undergraduates.html

MIT Summer Research Program in Biology (MSRP)
http://web.mit.edu/gso/msrp

Tufts University Sackler School of Graduate Biomedical Sciences Building Diversity Program (diversity)
http://sackler.tufts.edu/Academics/Non-Degree-Programs/Summer-Research/Building-Diversity-in-Biomedical-Sciences-for-Undergraduates.aspx

University of Massachusetts Medical School (diversity)
http://www.umassmed.edu/summer/nihpage.aspx

Woods Hole Oceanographic Institute Summer student fellowship program
http://www.whoi.edu/page.do?pid=11676&tid=282&cid=24287

Michigan

Michigan State University W.K.Kellogg Biological Station Undergraduate Summer Research Awards
Several programs
http://www.kbs.msu.edu/reu/

University of Michigan- several programs
http://www.med.umich.edu/pibs/summerresearch.htm

Wayne State University School of Medicine
http://gradprograms.med.wayne.edu/sure.php

Western Michigan University Program in Environmental Signal Transduction
http://www.wmich.edu/nsf-ru/index

Minnesota

Mayo Clinic Summer Undergraduate Research Fellowship (SURF) Program
www.mayo.edu/mgs/surff.html

Minneapolis Heart Institute Foundation Internship
http://www.mplsheart.org/internship

University of Minnesota Life Sciences Summer Undergraduate Research Program
http://www.cbs.umn.edu/lssurp/

Mayo Clinic, Rochester Minnesota campus – Biomedical Statistics and Informatics
http://www.mayoclinic.org/jobs/internships/biomedical-statistics-informatics/program

Mississippi
University of Mississippi Medical Center
http://graduate-school.umc.edu/SUREProgram.html

**Missouri**

Washington University in St. Louis (diversity)
http://dbbs.wustl.edu/divprograms/SummerResearchforUndergrads/Pages/SummerResearchforUndergrads.aspx

**Nebraska**

University of Nebraska, Lincoln
http://www.unl.edu/summerprogram/

University of Nebraska Medical Center
http://www.unmc.edu/summerresearch/

**New Hampshire**

Dartmouth Summer Undergraduate Research Fellowship (SURF) in Molecular and Cellular Biology
http://www.dartmouth.edu/~surf/

**New Jersey**

Robert Wood Johnson Medical School Summer Undergraduate Research Program in Molecular and Developmental Neurobiology
http://rwjms.umdnj.edu/neuroscience/grad_pgm/summer_prog/

Rutgers University Research in Science and Engineering (RISE)
http://rise.rutgers.edu

**New Mexico**

University of New Mexico
http://hsc.unm.edu/research/brep/pipeline_overview.shtm

**New York**

Albert Einstein College of Medicine at Yeshiva University
http://www.einstein.yu.edu/education/phd/surp-program/

Cary Institute of Ecosystem Studies REU Program
http://www.caryinstitute.org/students/reu-program

Cold Spring Harbor Laboratory, Watson School of Biological Sciences Summer Undergraduate Research Program
http://www.cshl.edu/URP/
Columbia University NYSTEM Summer Undergraduate Research Fellowship in Stem Cell Science
http://www.columbia.edu/cu/biology/ug/nystem/

Gerstner Sloan Kettering Graduate School of Biomedical Sciences Summer Undergraduate Research Program
http://www.sloankettering.edu/gerstner/html/54513.cfm

Hunter College Center for the Study of Gene Structure and Function
http://genecenter.hunter.cuny.edu/index.php/programs/summer-program

Mount Sinai School of Medicine Summer Undergraduate Research Program
http://www.mssm.edu/education/graduate-school/degrees-and-programs/summer-undergraduate-research-program/

New York University School of Medicine Sackler Institute of Graduate Biomedical Sciences Summer Undergraduate Research Program (SURP)
http://www.med.nyu.edu/Sackler/summer.html

The Rockefeller University, Summer Undergraduate Research Fellowship (SURF) Program
http://www.rockefeller.edu/surf/

Shoals Marine Laboratory Summer Internships
http://www.sml.cornell.edu/sml_students_internships.html

Roswell Park Cancer Institute College Summer Research Program
http://www.roswellpark.edu/education/summer-programs/undergraduates

Sloan-Kettering Institute Summer Research Internship Program
http://www.sloankettering.edu/gerstner/html/54513.cfm

Stony Brook University
http://ws.cc.stonybrook.edu/agep/Summer_Research_Institute/

SUNY Buffalo School of Medicine
http://medicine.buffalo.edu/education/undergraduate/sure.html

SUNY Upstate Medical University
http://www.upstate.edu/grad/programs/summer.php

Syracuse University REU
http://chemistry.syr.edu/REU/index.html

University of Rochester, Summer Undergraduate Research Programs
http://www.urmc.rochester.edu/GEBS/summer.htm

University of Rochester Medical Center Strong Children’s Research Center Summer Training Program
http://www.urmc.rochester.edu/pediatrics/research/summer_program/

Weill Cornell Graduate School of Biomedical Sciences (diversity)
http://weill.cornell.edu/gradschool/summer/

North Carolina

Duke University Summer Research Opportunity Program (SROP)
http://gradschool.duke.edu/hsa/srop/
Duke Marine Lab REU Program in Estuarine and Coastal Marine Sciences  
www.dukemarinelab.net/programs/undergraduate/reu.html

University of North Carolina at Chapel Hill Summer Undergraduate Research Opportunities (SURE)  
http://www.med.unc.edu/oge/stad/sure/

Wake Forrest University Several programs  
http://graduate.wfu.edu/summerprograms/

**North Dakota**

University of North Dakota Indians into Medicine program (diversity) – several programs  
http://www.med.und.nodak.edu/depts/inmed/SummerPrograms.html

**Ohio**

Chester Summer Scholars Program (Cleveland)  
http://metrohealth.org/body.cfm?id=289

Kent State University Department of Chemistry and Biochemistry  
http://www.kent.edu/chemistry/reu/index.cfm

Ohio State (OSU) research experience for undergraduate  
https://molgen.osu.edu/research-experience-undergraduates

University of Cincinnati – several programs  
http://med.research.uc.edu/SURF.aspx

**Oregon**

University of Oregon Summer Program for Undergraduate Research in the Life Sciences  
http://biology.uoregon.edu/SPUR/

**Pennsylvania**

Carnegie Mellon Department of Biological Sciences SURP Program  
http://www.cmu.edu/bio/research/undergrad_research/summer/index.html

Drexel University College of Medicine  
http://www.drexelmed.edu/Home/AcademicPrograms/BiomedicalGraduateStudies/SummerResearchOpportunities/SummerUndergraduateResearchFellowship.aspx

Penn State Hershey College of Medicine several programs  
http://www.pennstatehershey.org/web/summerresearch/home/aboutus

University of Pennsylvania Summer Undergraduate Internship Program  
http://www.med.upenn.edu/bgs/applicants_suip.shtml
University of Pittsburgh Center for Neuroscience
http://cnup.neurobio.pitt.edu/training/summer/index.aspx

University of Pittsburgh Carnegie Mellon University Summer Undergraduate Research Program for Underrepresented Students (diversity)
http://www.mdphd.pitt.edu/sprogram_brochure.asp

University of Pittsburgh School of Medicine Summer Undergraduate Research Program (SURP)
http://www.gradbiomed.pitt.edu/summer_surp.aspx

**South Carolina**

College of Charleston Grice Marine Laboratory
http://www.cofc.edu/~reu/

Medical University of South Carolina College of Graduate Studies Summer Undergraduate Research Program –
http://www.musc.edu/grad/summer/surp/

**Tennessee**

Oak Ridge National Laboratory DOE Summer undergraduate Internships – several programs
http://see.orau.org/ProgramDescription.aspx?Program=10055

University of Tennessee
http://web.bio.utk.edu/bcmb/summer/reu.html

Vanderbilt University Summer Science Academy
http://medschool.mc.vanderbilt.edu/summer_academy

Vanderbilt University School of Medicine and Meharry Medical College Research Training Opportunity: Short Term Training Program for Minority Students
http://medschool.mc.vanderbilt.edu/short_training/

**Texas**

Baylor College of Medicine SMART program
http://www bcm.edu/smart

Cardiopulmonary Research Science and Technology Institute (Dallas) Student Intern Research Program
http://www.crsti.org/summerintern.html

Texas A&M University Summer Undergraduate Research Program in Biochemistry
http://biochemistry.tamu.edu/?ch=reu&sec=reu

Texas A&M Corpus Christi Summer Undergraduate Research Focus on Climate Change, Global Warming and The Health of Texas Bays and estuaries
http://www.sci.tamucc.edu/surf/

University of North Texas (diversity)
http://www.hsc.unt.edu/education/gsbs/smart.cfm

University of North Texas Summer Training Among Research Scientists (STARS) Program
University of Texas at Austin Environmental Science Institute
http://www.esi.utexas.edu/students/undergraduate-students/research-experience-for-undergraduates

University of Texas Health Science Center at San Antonio Summer Undergraduate research programs – various programs
http://www.uthscsa.edu/outreach/summer.asp

University of Texas Medical Branch Summer Undergraduate Research Program
http://gsbs.utmb.edu/surp/

University of Texas Southwestern Medical Center Summer Undergraduate Research Fellowship (SURF) Program
http://www8.utsouthwestern.edu/utsw/home/education/surf/index.html

**Utah**

University of Utah Molecular Biology and Biological Chemistry Summer Undergraduate Research Programs
http://www.biology.utah.edu/undergraduate/research/surp.php

**Virginia**

Janelia Farm Undergraduate Research Fellows (at Howard Hughes Medical Institute site in Ashburn, VA)
http://www.hhmi.org/janelia/undergrad.html

University of Virginia Mountain Lake Biological Station summer REU Program
http://www.mlbs.virginia.edu/reuprogram

University of Virginia Summer Research Internship Program (SRIP)
www.med.virginia.edu/srip

Virginia Institute of Marine Science
http://www.vims.edu/education/college/summer_intern/index.php

**Washington**

Fred Hutchinson Cancer Research Center
http://www.fhcrc.org/science/education/undergraduates/

University of Washington’s Amgen Scholars Program
http://www.washington.edu/research/urp/amgen/

University of Washington Environmental Health Summer Research Program
http://deohs.washington.edu/ehrep

**Wisconsin**

Marquette University College of Health Sciences Biomedical Sciences Summer Research
http://www.marquette.edu/chs/srp/about.shtml

Medical College of Wisconsin
http://www.mcw.edu/graduateschool/programsSPUR.htm
Multiple Locations:

STAR - STEM Teacher and Researcher Program is a nine-week paid summer research experience program for aspiring K-12 STEM teachers from any California State University (CSU) Campus or Noyce Scholars from any US university. http://www.starteacherresearcher.org

The Leadership Alliance Summer research Internship opportunities (diversity) http://www.theleadershipalliance.org/Programs/SummerResearch/ViewResearchSites/ProgramStructure/tabid/242/Default.aspx

National Institute of General Medical Sciences (diversity) – several programs http://www.nigms.nih.gov/minority/programs.html

National Science Foundation’s Research Experiences for Undergraduates Programs http://www.nsf.gov/crssprgm/reu/reu_search.cfm


Summer Medical and Dental Education Program (diversity) http://www.smdep.org/

Student Conservation Association Internships http://www.thesca.org/serve/internships

Pathways to Science (diversity) http://www.pathwaystoscience.org/Institution.asp

Amgen Scholars Program (United States and Europe) http://amgenscholars.com

NOAA - 2014 Ernest F. Hollings Undergraduate Scholarship Program (includes internships) for college sophomores http://www.oesd.noaa.gov/scholarships/hollings.html - page=timeline

Awards that can be used at various locations (some can be used at CU):

American Physiological Society Undergraduate Summer Research Fellowship http://www.the-aps.org/education/ugsrf/

American Society for Microbiology (diversity) http://forms.asm.org/Education/index.asp?bid=4322

American Society of Pharmacology and Experimental Therapeutics SURF Program http://aspet.org/Page.aspx?id=125&terms=%22summer

American Society of Plant Biologists Summer Undergraduate Research Fellowships http://www.aspb.org/education/undergrad.cfm

Committee on Institutional Cooperation, Summer Research Opportunities Program (SROP) (diversity)
Sigma Xi – Grants-in-aid of Research Program
http://www.sigmaxi.org/programs/giar/
Application Deadlines: March 15 and October 15 annually – can assist with funding current projects, particularly beneficial for students who need to travel to their research sites.

**International opportunities**

**Bermuda**

Bermuda Institute of Ocean Sciences
http://www.bios.edu/education/reu.html

**Costa Rica**

Organization for Tropical Studies summer REU
http://www.ots.ac.cr/reu

**England/UK**

International Undergraduate Summer Research Training Programme in plant and microbial scineces
John Innes Centre, The Sainsbury Laboratory and the Genome Analysis Centre
http://opportunities.jic.ac.uk/summerprogramme/

Wellcome Trust Sanger Institute student placements
http://www.sanger.ac.uk/workstudy/placements/

Institute of Cancer Research Summer Vacation Scholarship (University of London)
http://www.icr.ac.uk/education/science_students_opportunities/summer_vacation_scholarships/index.shtml

NIH Oxford Cambridge Scholars Program
http://oxcam.gpp.nih.gov/

**France**

Pasteur Foundation Summer Undergraduate Internship
http://pasteurfoundation.org/internships.shtml

**Germany**
American Chemical Society International Research Experience for Undergraduates in Germany
http://portal.acs.org/portal/acs/corg/content?_nfpb=true&_pageLabel=PP_SUPERARTICLE&node_id=2216&use_sec=false&sec_url_var=region1

Amgen Scholars Program in Europe http://www.amgenscholars.eu/about_amgen_scholars/host_universities/europe_program/

International UROP in Aachen, Germany
http://www.exzellenz.rwth-aachen.de/aw/cms/home/Zielgruppen/zukunftskonzept/massnahme/~sqs/projekt_urop/?lang=en

Max-Planck Institute of Immunogenetics and epigenetics Summer Internship (Germany)
http://www.imprs-mcb.mpg.de/home/imprs/summer_internship/index.html

Research Scholarships in Germany
http://www.daad.de/rise/en/

Israel

Weizmann Institute
http://www.weizmann.ac.il/midrasha/summer/

Norway

REU in Svalbard Norway Polar Science Research
http://www.mtholyoke.edu/proj/svalbard/welcome.shtml

Sweden

AstraZeneca summer jobs in Sweden
http://www.astrazenecacareers.com/students-all/still-in-school-sv/?itemld=10839797

Amgen Scholars Program in Europe http://www.amgenscholars.eu/about_amgen_scholars/host_universities/europe_program/

Switzerland

School of Life Sciences  Lausanne, Switzerland International Summer Research Program
http://sv.epfl.ch/summer-research

ThinkSwiss research in Switzerland
http://www.thinkswiss.org/academic-opportunities/research-scholarship

Undergraduate Biology Education Research

University of Georgia's REU Site in Undergraduate Biology Education Research (UBER)
http://uber.coe.uga.edu/

North Dakota State University – Growing up Stem: Collaborations in Discipline-Based Education Research
http://www.ndsu.edu/cider/reu/

**Post-Baccalaureate Programs**

Post-baccalaureate Programs at the NIH  
https://www.training.nih.gov/trainees/postbacs

Florida Agricultural Science and Technology (FAST) Fellowship Program  
http://www.freshfromflorida.com/Divisions-Offices/Food-Safety/FAST-Fellowship-Program