

**BIOLOGY RESEARCH PROGRAMS FOR UNDERGRADUATE STUDENTS**

Name	Type of Research	Location	Duration	Participant Requirements	Stipend	Benefits	Special Consideration to Minorities and Women?	Application Process	Deadline
<a href="#">Astrobiology Summer</a>	Astrobiology	Pennsylvania State University (University Park, PA)	June 6th to August 13th	1) U.S. citizens or permanent residents 2) Sophomore and junior undergraduates	\$4000 total	1) Housing 2) Travel allowance	Not specific	1) Application 2) Transcript 3) Statement 4) Two letters of recommendation	February 24th
<a href="#">Baylor College of Medicine SMART Program</a>	Biological Sciences	Baylor College of Medicine (Houston, TX)	May 29th to July 28th	1) Freshmen (with research experience, sophomores, and juniors. 2) 3.0 GPA	\$4000 total	1) Housing at Rice University dorms 2) Daily seminars 3) Free SMART GRE prep course 4) Career development activities 5) Travel allowance varies on candidate	Not specific	1) Application 2) Skills Assessment Sheet 3) Transcripts 4) Two letters of recommendation 5) Essay	February 1st
<a href="#">Biology at MIT: Summer Research Internship</a>	1) Biochemistry 2) Cell biology 3) Human genetics 4) Infectious diseases 5) Virology 6) Check website for more	MIT (Cambridge, MA)	10 weeks (dates are TBA)	1) Full time undergraduate 2) Sophomore or junior with completed introductory courses in biological sciences 3) 3.5 GPA in science courses 4) Demonstrate an interest in basic research and a career in the sciences	\$350.00 weekly	1) Campus housing 2) Travel allowance 3) Basic student health insurance 4) Access to athletic facilities	1) Minorities 2) Students from economically disadvantaged backgrounds 3) First generation college students.	1) Two copies of a completed application 2) Official Transcript 3) Two letters of recommendation from science faculty 4) Personal statement of interest 5) A list of research topics of interest	January 30th
<a href="#">Boston University Undergraduate Research Opportunities Program (UROP)</a>	1) Molecular biology 2) Cancer Research	Boston University (Boston, MA)	June 5th to August 11th	1) U.S. citizen or permanent resident 2) College sophomore, junior, or non-graduating senior 3) 3.0 GPA 4) Minority	\$4000 total	1) \$500 allowance for research supplies 2) \$500 travel allowance 3) Housing in BU apartments	Minorities	1) Application 2) Essay 3) Two letters of recommendation 4) Official transcript	February 17th

<a href="#">California Academy of the Sciences</a>	1) Systematic biology 2) Biological Illustration	California Academy of the Sciences (San Francisco, CA)	June 19th to August 11th	1) U.S. citizen or permanent resident 2) Undergraduates	\$3500 total	1) \$2000 subsistence housing and food allowance 2) \$500 travel allowance	Not specific	1) Cover letter 2) Application 3) Advisor selection form 4) Two letters of recommendation 5) Official transcripts 6) Biological artwork portfolio (for applicants for biological illustration)	February 17th
<a href="#">Case Western Reserve University Summer Program in Undergraduate Research</a>	1) Cell biology 2) Genetics 3) Molecular biology 4) Nutrition 5) Molecular Virology	Case Western Reserve University (Cleveland, OH)	May 29th to August 3rd	1) U.S. citizen or permanent resident 2) Undergraduates	\$3000 total	1) \$750.00 housing allowance	Not specific	1) Application 2) Transcript 3) Two letters of recommendation	February 1st
<a href="#">Cold Spring Laboratory Summer Undergraduate Research Program</a>	Biological Sciences	Cold Spring Harbor Laboratory (Cold Spring Harbor, NY)	June 10th to August 18th	1) College sophomore or junior with strong academic background.	\$3800 total	1) Room and board	Not specific	1) Application 2) Transcripts (not necessarily official) 3) Two letters of recommendation.	February 1st
<a href="#">Department of Molecular Biology Summer Research</a>	1) Biochemistry 2) Cancer 3) Computation and Modeling 4) Neuroscience 5) Policy 6) Check website for more	Princeton University (Princeton, NJ)	June 19th to August 8th	1) U.S. citizen, or student at a U.S. university 2) Undergraduate student at a university with a small research program	\$3000 total	1) Room and board	1) Minorities 2) Science majors about to enter their senior year.	1) Application 2) Official Transcript 3) Statement 4) Two letters of recommendation	February 3rd
<a href="#">Gerstner Sloan-Kettering Summer Undergraduate Research Program</a>	1) Genetics 2) Developmental biology 3) Drug development 4) Chemical biology	Louis V. Gerstner, Jr. Graduate School of Biomedical Sciences, Memorial Sloan-Kettering Cancer Center (New York, NY)	June to August	1) Undergraduate freshmen, sophomore, or junior status 2) Completed at least one year of introductory biology and chemistry 3) 3.0 GPA	\$3000 total	1) Room and board 2) Exceptional scholar award	Not specific	1) Application 2) Official Transcript 3) Essay 4) Two letters of recommendation	February 1st

<a href="#">HST Summer Ins</a>	Biomedical Optics	Harvard-MIT Division of Health Sciences and Technology (Cambridge, MA)	June 12 to August 11th	1) U.S. citizens or permanent residents 2) Junior or senior undergraduates 3)	TBA	TBA	Not specific	1) Application 2) Transcript 3) Statement 4) Two letters of recommendation	January 30th
<a href="#">Integrated Biological Sciences Summer Research Program for Undergraduates</a>	1) Computational Biology & Biostatistics, 2) Neurobiology 3) Cellular and Molecular Biology 4) Plant Biology 5) Environmental Biology.	The University of Wisconsin (Madison, WI)	May 31st to August 4th	1) U.S. citizen 2) 3.0 GPA 3) Sophomore to senior status	\$4000 total	1) Travel 2) Housing 3) Partial food allowance 4) Health insurance **No fees or tuition costs."	1) Minorities 2) Students at small liberal arts institutions.	1) Application 2) Letters of recommendation 3) Transcripts 4) Two essays	March 1st
<a href="#">NSF Research Experience for Undergraduates at Carnegie Mellon University</a>	Molecular biosciences	Carnegie Mellon University (Pittsburgh, PA)	May 29th to August 3rd	1) U.S. citizen or permanent resident 2) Sophomore or junior undergraduates	\$3500 total	1) Housing 2) Meal allowance 3) Travel reimbursement	Minorities	1) Application 2) Official Transcript 3) Two letters of recommendation 4) SAT/ACT scores (official/unofficial)	February 15th
<a href="#">NYU School of M</a>	1) Microbiology 2) Biomedical Imaging 3) Developmental Biology 4) Molecular Pharmacology 5) Structural biology 6) Check website for more	New York School of Medicine (New York, NY)	June 4th to August 3rd	1) Junior or senior undergraduates 2) 3.4 GPA 3) 1 semester of "bench laboratory research"	\$3000 total	1) Housing on NY campus 2) Round trip airfare.	Minorities	1) Application 2) Official Transcript 3) Statement 4) Two letters of recommendation	February 1st
<a href="#">Research Experience for Undergraduates in Environmental Sciences</a>	Environmental Sciences	Northern Arizona University (Flagstaff, AZ)	June 4th to August 8th	1) Undergraduate 2) Interest in pursuing a scientific career 3) Satisfactory performance in at least one science course	\$400 per week	1) Six university credits 2) Room 3) Partial board	Both	1) Application 2) Unofficial Transcript 3) Essay 4) Two letters of recommendation	March 15th
<a href="#">Research Experience in Molecular Biotechnology &amp; Genomics</a>	1) Molecular biotechnology 2)	Iowa State University (Ames, IA)	June 3rd to August 4th	1) U.S. citizen or permanent resident 2) Undergraduates in biological or agricultural sciences	\$4000 total	1) Housing 2) Travel allowance	Both, and those who have completed lecture and laboratory courses in biochemistry or biology.	1) Application 2) Transcript (official/unofficial) 3) Statement 4) Two letters of recommendation	March 1st

<a href="#">REU Summer Program in Molecular Biosciences</a>	Molecular biosciences	Colorado State University (Fort Collins, CO)	10 weeks (dates are TBA)	1) U.S. citizen 2) 3.2 GPA 3) Sophomore or junior status 4) Completed introductory biology and chemistry and organic chemistry	\$3500 total	1) \$350 travel allowance 2) \$1400 food allowance	Both and those with physical challenges.	1) Application 2) Official Transcript 3) Statement 4) Two letters of recommendation	February 1st
<a href="#">Shoals Marine Laboratory Undergraduate Research Opportunity</a>	Life Sciences	Shoals Marine Laboratory (Ithaca, NY)	June 12th to August 18th	1) Completed sophomore year, 2) Biology (or marine sciences, biochemistry, environmental science) major, 3) U.S. citizens or permanent residents.	\$3000 total	2) Travel allowance 3) Housing	Both	1) Application 2) One statement 3) Two letters of recommendation 4) Official transcript	February 15th
<a href="#">Summer Honors Undergraduate Research Program</a>	1) Cellular and cell cycle regulation 2) Cardiac and vascular functions and pathology 3) Studies of blood cells 4) Endocrinology 5) Immunology 6) Check website for more	Harvard University Division of Medical Sciences (Boston, MA)	June 4th to August 12th	1) U.S. citizen or permanent resident 2) Undergraduates	\$390 per week	1) Housing 2) Travel 3) Health insurance if need	Not specific	1) Application 2) Transcript 3) Two letters of recommendation 4) Resume 5) Statement	February 1st
<a href="#">Summer Program for Undergraduate in the Research Life Sciences</a>	Life Sciences	The University of Oregon (Eugene, Oregon)	Usually third week in June to third week in August, but flexible to student schedule.	1) Completed at least one year of undergraduate work, 2) Be in good academic standing, 3) Be U.S. citizens, and 4) Have a strong motivation to participate in ongoing research.	\$1200 per month	1) Round-trip airfare 2) Room & board at UP 3) Weekly seminars 4) Research symposium	Minorities	1) Application 2) Two statements 3) Two letters of recommendation 4) Unofficial transcript	Check website

<a href="#">Summer Undergraduate Program for Research in the Life Sciences</a>	1) Cell biology 2) Micro evolution 3) Signal transduction 4) Infectious diseases 5) Cryobiology 6) Check website for more	Michigan State University College of Natural Science (East Lansing, MI)	May 31st to August 5th	1) U.S. citizen or permanent resident 2) Undergraduate junior and seniors 3) Must have completed organic chemistry and a course in calculus 4) Must be interested in graduate studies and research in biological sciences	\$3000 total	1) Housing 2) Travel allowance	Not specific	1) Application 2) Transcript 3) Statement 4) Two letters of recommendation	March 15th
<a href="#">Summer Research Undergraduate Experience in Animal Behavior</a>	Animal behavior research	Indiana University Center for the Integrative Study of Animal Behavior (Bloomington, IN)	May 21st to July 28th	1) U.S. citizen or permanent resident 2) Undergraduates	\$3500 total	1) Housing 2) Meal plan 3) Travel expenses	Both and those with physical challenges.	1) Application 2) Transcript 3) Two letters of recommendation	February 15th
<a href="#">Summer Undergraduate Research at Emory</a>	Biological Sciences	Emory University (Atlanta, GA)	May 30th to August 4th	1) Sophomore and junior undergraduates	\$3000 total	1) Housing 2) Travel allowance	Both	1) Application 2) Transcript 3) Essay 4) Letter of recommendation	February 1st
<a href="#">Summer Undergraduate Research Fellowship Program</a>	1) Cell biology 2) Developmental biology 3) Molecular biology 4) Neurobiology 5) Pharmacology 6) Check website for more	The University of Texas Southwestern (Dallas, TX)	June 4th to August 10th	1) U.S. citizens or individuals with an F1 Visa 2) Enrolled in a natural science degree	\$4000 total	1) Accommodation information provided after participants are accepted.	Not specific	1) Application 2) Official Transcript 3) Three statements 4) Two letters of recommendation	February 9th
<a href="#">Summer Undergraduate Research in Biology at Pepperdine University</a>	1) Cell biology 2) Developmental biology 3) Molecular biology 4) Neurobiology 5) Plant ecology	Pepperdine University Seaver College (Malibu, CA)	May 14th to August 1st	1) Must have a strong interest in pursuing a career in biological research 2) Completed one year of biology 3) Undergraduate student 4) Full availability between program dates	\$3600 total	1) Room and board 2) One unit of credit (free)	Minorities	1) Application 2) One letter of recommendation 3) Transcript (either official or unofficial) 4) Essay	March 1st

<a href="#">Summer Undergraduate Research Program at the University of Rochester</a>	Biological Sciences	University of Rochester (Rochester, NY)	May 29th to August 3rd	1) U.S. citizens or permanent residents 2) Undergraduates without prior research experience 3) 3.0 GPA	\$400 per week	1) Housing 2) Travel allowance 3) Luncheons and group activities	Both	1) Application 2) Transcript 3) Two letters of recommendation	March 1st
<a href="#">The University of</a>	Microbiology	The University of Georgia Franklin College (Athens, GA)	May 25th to July 27th	1) U.S. citizens or permanent residents	\$3420 total	1) Housing 2) Travel allowance	1) Minorities 2) Disabled/Hearing impaired	1) Application 2) Transcript 3) Statement 4) Two letters of recommendation	March 1st
<a href="#">Undergraduate Research Experience in Neural Science at New York University</a>	Neuroscience	NYU Center for Neural Science (New York, NY)	May 30th to August 4th	1) U.S. citizen or permanent resident 2) Strong academic records with courses in biology, mathematics, psychology, and if possible neuroscience 3) 3.0 GPA 4) Undergraduates completing their sophomore or junior year	TBA	1) Housing 2) Meal plan 3) Travel expenses	Both	1) Application 2) Transcript 3) Statement 4) Two letters of recommendation	February 6th to March 13th
<a href="#">University of California, San Francisco Summer Research Experience for Undergraduates</a>	Molecular biosciences	University of California, San Francisco (San Francisco, CA)	June 4th to August 6th	1) U.S. citizens or permanent residents 2) Sophomore and junior undergraduates 3) Prior research experience is preferred	\$3500 total	1) Housing 2) Round-trip airfare 3) \$1400 subsistence allowance 4) Local public transportation pass 5) GRE prep course (optional)	1) Minorities 2) Students from economically disadvantaged backgrounds 3) First generation college students.	1) Application 2) Transcript 3) Statement 4) Two letters of recommendation	February 1st