

Research Opportunities in the Boston Area

Institution	Title	Grades	Description	URL
Boston College	Experience	11th	Students spend 6 weeks on campus taking undergraduate courses that emphasize modes of inquiry and interpretation.	www.bc.edu/schools/summer/highschool
Boston University	Research Internship in Science and Engineering	11th-12th	While living in BU dorms, students spend 6 weeks during the summer working in a research laboratory under a mentor. They also attend talks on a variety of scientific topics and experience the local culture.	www.bu.edu/lnet/summer/index.html
	Summer Lab at City Lab	10th-12th	Students from the Boston area spend a week at City Lab developing a deeper understanding of basic techniques and concepts related to DNA science.	www.bu.edu/lnet/summer/index.html
	City Lab Academy	High School Graduates	City Lab Academy is a nine-month academic and laboratory skills training program for high school graduates interested in pursuing a successful career and further education in biotechnology.	http://www.bumc.bu.edu/Dept/Content.aspx?DepartmentID=285&PageID=345
	Mobile Lab	7th-12th Teachers and Students	The Mobile Lab is a traveling science laboratory whose mission is to increase community access to modern day biotechnology. It is designed so that students and teachers can have hands-on laboratory investigation.	http://www.bumc.bu.edu/Dept/Content.aspx?DepartmentID=285&PageID=7254
	BIO BUGS	9th-12th	This program consists of weeklong labs, one in the spring and one in the fall designed to encourage local high school students to pursue higher education in the sciences by exposing them to sophisticated scientific equipment, providing interaction with graduate students, and introducing students to a university campus.	http://www.bu.edu/lnet/programs/index.html
	Summer Challenge Program	10th-12th	This two-week summer program allows students to preview college life and coursework. Students explore two subject areas of their choice in specially designed, non-credit seminars.	http://www.bu.edu/summer/program_high_school_students/summer_challenge/
	Summer Pathways	11th (girls only)	One week, residential program free for girls in Boston and Cambridge High Schools. Students are exposed to the wide range of science and engineering opportunities and network with women working in these fields.	http://www.bu.edu/lnet/spathways/
Harvard University	The Harvard School of Public Health Research Apprenticeship Program (RAP)	10th-12th	A 7 week paid summer internship that allows students to acquire experiences in a laboratory or behavioral science settings as well as interactive seminars and field trips. At the end of the program, students present their research experiences.	http://www.hsph.harvard.edu/hr/rapprogram.html

	Project Success	10th-12th	Open to Boston and Cambridge high school students to participate in paid, mentored, summer research internships at Harvard Medical school for 8 weeks during the summer. There are also seminars and workshops, site visits, and career counseling.	http://www.mfdp.med.harvard.edu/k12/project_success/index.htm
MIT	Research Science Institute	9th-12th	Students participate in an academic program, which emphasizes advanced theory and research in mathematics, the sciences, and engineering. Students attend college-level classes taught by distinguished professors. Students also complete hands-on research with top mentors at corporations, universities, and research organizations.	http://www.cee.org/rsi
	Whitehead Spring Lecture Series	9th-12th	Offers students an opportunity to learn about innovative topics in biomedical research. The three-day program, held over spring vacation, features lectures from leading scientific experts, laboratory demonstrations, visits to local biotech companies, and opportunities to meet with young Whitehead scientists.	http://www.wi.mit.edu/programs/student/
Northeastern University	Boston Science Partnership	6th-12th	Links Boston Public School System with NEU to enhance student achievement and teacher quality in science.	http://www.neu.edu/community/education.shtml
	Young Scholars Program	11th-12th	This is a 6 week summer program that allows 20 high school students to work in research laboratories with faculty from NEU's College of Arts and Sciences while also having opportunities for career exploration, field trips to a variety of corporate and government sites.	http://www.youngscholars.neu.edu/index.html
Smith College	Summer Science and Engineering Program	High School Girls	Students interested in science spend 1 month on campus to be prepared to tackle science courses and know what to expect in college.	http://www.smith.edu/summerprograms/ssep
Tufts University	Summer Study	11th-12th	Students spend 1 month in a non-residential program to improve writing and critical thinking skills, explore medicine and health care, discover global dimensions to personal ethics and justice, or earn undergraduate credits in arts, sciences, and engineering.	http://ase.tufts.edu/summer/highschool.asp
The Forsyth institute	Educational Outreach/Scientific Scholars Program	High School (teachers and students)	Visiting scientists are available to speak with students and teachers about career opportunities in biomedical research.	http://www.forsyth.org/forsyth.asp?pg=100068
	Educational Outreach/Scientific Scholars Program	High School (Teachers and	An after-school workshop that allows high school students and teachers to participate hands on in a laboratory.	http://www.forsyth.org/forsyth.asp?pg=100068

		Students)		
	Educational Outreach/Scientific Scholars Program	High School (teachers and students)	An 8 week paid summer internship for Boston public high school students to learn laboratory techniques, participate in on-going research and present scientific posters of their findings at the end of the summer.	http://www.forsyth.org/forsyth.asp?pg=100068
Jackson Laboratory	Summer Research	11 th -12 th	Students will conduct hands-on research that is tailored to the student's background and interests. Students will live at a residence on the shore of Frenchman Bay.	http://www.jax.org/education/ssp.html
Museum of Science	High School Science Series	9 th -12 th	The program enables high school students to meet practicing scientists, discuss current topics in science and technology, participate in demonstrations, and explore career possibilities.	http://www.mos.org/educators/field_trip_activities/high_school_science_series
	Intern	High School	Summer internships are available, and ones that can continue throughout the year. Students assist in the Living Animal Center, create curriculum for the National Center for Technological Literacy, design print material for the publications department, and interpret exhibits in the interpretation department.	Http://www.mos.org/visitor_info/about_the_museum/internships
New England Aquarium	Summer Teen Internship Program	Boston (15-17yrs) Cambridge (14-18yrs)	Interns attend leadership workshops, go on field trips, weekly career development workshops, as well as receive discounts and free admissions to museums and attractions throughout the Boston area.	http://www.neaq.org/scilearn/ed_progs/landing.php?linkname=teenintern
Stonehill College	SEED Program in Chemistry	11 th -12 th	Students are paired with a research professor in biochemistry, organic or environmental chemistry for 8 weeks during the summer while receiving a stipend. Students will be mentored by a faculty member and a college student while conducting research in advanced laboratories.	http://www.acs.org