Each semester, a group of fifteen high school students is invited to the Broad Institute for eight Saturday sessions to perform a research project. The goal of the project is to isolate and identify microbes from the environment using a combination of microbiology, molecular biology, and genomics techniques. Each semester culminates with the students presenting their results to their teachers, families, and Broad scientists.

Class visits to the Broad Institute provide opportunities for high school students and their teachers to spend a day interacting with scientists and gaining exposure to cutting-edge research. During the school year, local teachers can arrange to have their high school classes visit the Broad Institute on day-long field trips. Visits can include: experiments, tours of Broad labs, lunch with Broad scientists, and computer and paper-based activities focused on current Broad research.

Seminar visits to the Broad Institute provide opportunities for high school students and their teachers to spend a day interacting with scientists and gaining exposure to cutting-edge research. During the school year, local teachers can arrange to have their high school classes visit the Broad Institute on day-long field trips. Visits can include: experiments, tours of Broad labs, lunch with Broad scientists, and computer and paper-based activities focused on current Broad research.

During the school year, teachers can attend seminars by Broad scientists to learn about current research at the Broad and discuss the implications of the changing field. Seminars usually occur on-site, giving teachers the opportunity to tour Broad labs and chat informally with scientists.

Teachers are also invited to the annual Midsummer Nights Science lectures, which are held weekly each July and are open to the general public. This annual series of four lectures aims to excite and inform the community about current Broad research.
How to Get involved...

As a volunteer, you are welcome to participate in the Broad Institute Educational Outreach Program as much or as little as you like, whenever your schedule allows. The ways you can volunteer include:

- Leading a tour of your lab
- Having lunch with students on a class visit to the Broad
- Interviewing candidates for summer internships
- Mentoring a summer intern
- Giving a seminar on your research to high school teachers
- Attending students’ poster sessions and oral presentations

For more information about Educational Outreach and how you can help in the effort, please contact:

Dr. Megan Rokop
Educational Outreach Program Director
7 Cambridge Center
Cambridge MA 02142
rokop@broadinstitute.org

www.broadinstitute.org/outreach/education

WAYS TO VOLUNTEER

- Mentor a summer intern (six weeks, M-F, 9am-4pm)
- Interview candidates for internships (2-4 hrs)
- Attend students’ presentations (1-2 hrs)

EDUCATIONAL OUTREACH PROGRAM

Engaging local high school students in cutting-edge scientific research and discovery through:

- Class Visits to the Broad Institute
- Semester-long Research Projects
- Seminars for School Teachers
- Lab-based Summer Internships