



## Class Visits to the Broad Institute

### WAYS TO VOLUNTEER

- Lead a student tour (30 min)
- Have lunch with students (30-45 min)



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.



## Semester-long Research Projects

### WAYS TO VOLUNTEER

- Attend students' presentations (1-2 hrs)
- Lead a student tour (30 min)
- Chat with students (30-45 min)

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.



## Seminars for School Teachers

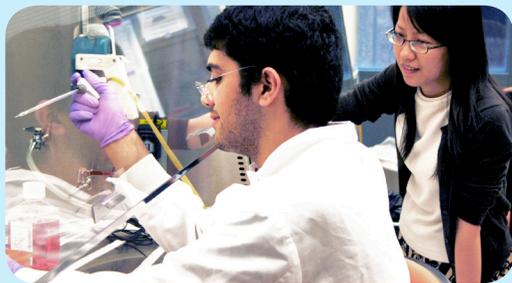
### WAYS TO VOLUNTEER

- Give a seminar (1 hr)
- Chat with teachers (30-45 min)
- Lead a tour for teachers (30 min)



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.

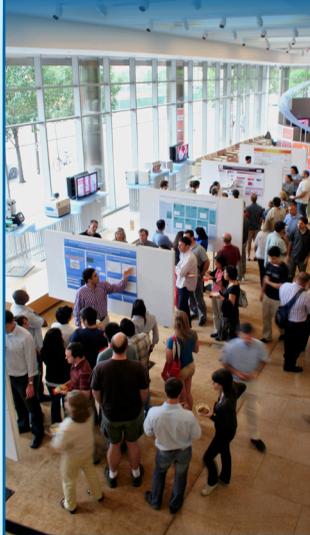


## Lab-based Summer Internships

Each summer, the Broad offers paid laboratory research internships to rising seniors selected from local high schools through a highly competitive application and interview process. Each intern is engaged full-time for six weeks during July and August, working side-by-side with a scientific mentor at the Broad on a project related to the mentor's research. Past projects have included chemistry, biology, computer science, and interdisciplinary projects. At the completion of the internship, students present their findings to the Broad community.

### 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)



## 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  
rokok@broadinstitute.org

[www.broadinstitute.org/outreach/education](http://www.broadinstitute.org/outreach/education)



## 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