



Fun Volunteer Opportunity for Top High School Students!

Be an "Expert" in Our Online Forums
www.sciencebuddies.org

*Do you like helping others troubleshoot their science projects?
Can you tell when a circuit is hooked up incorrectly?
Do you talk renewable energy, surface tension, or petri dishes at lunch?
Are you interested in showing younger students that science can be fun?
Can you spot a missing controlled variable at 50 yards?*

Share Your Science Expertise by Volunteering in Our Ask an Expert Forum

Science Buddies is a non-profit organization that provides online resources for science education. Our Ask an Expert forum is an online discussion board where students can ask questions about science fair projects they are working on and get answers from our volunteer "Experts." We call our volunteers Experts, but you don't have to be a true expert; you just need to have a knack for science and a desire to help other students. We field questions in all areas of science, including **biology, chemistry, physics, math, engineering, and many more**, so whatever your expertise, Science Buddies has a place for you.

Earn Credit for Community Service

Top universities are using volunteer service as an important distinguishing factor among applicants. The Science Buddies Ask and Expert program offers college-bound high school students a convenient, fun, and meaningful opportunity to perform **community service**.

Interact with Talented Science and Engineering Professionals

Our team of volunteers includes top high school science students, as well as many talented science and engineering professionals. You will be working with these science professionals to assist other students, but these experienced Experts are also available to answer your own questions about colleges, career paths in science and engineering, or even your own research project.

It's Fun and Easy to Participate

A little bit of your time can make a huge difference in helping a younger student improve his or her interest in science. Since we know high school students are busy, Science Buddies emphasizes convenience. All communication takes place in online forums, and we work with you to establish a convenient once-a-week schedule.

Minimum Requirements:

Strong science background: To be a great Expert, students must have previous science fair experience, sound knowledge of scientific principles, and strong grades in their science and math courses (A's or B's).

Easy Internet access: You will be communicating via an online forum, so you must have regular access to email and the Internet.

Commitment: Experts will spend, on average, **½ hour per week**, from October through March, helping students with their science fair projects.

Put your love of science to work and help improve K-12 science literacy!
Apply now at www.sciencebuddies.org/volunteer



Here's What Past High School Student Mentors Have Said About Science Buddies

"[Science Buddies] gives you the chance to share what you have learned with someone who hasn't learned it yet. It feels as if you are helping this person along in his or her education."

— Melyssa, 17

"I learned the valid points of working with a team to help finish a project, and I really enjoyed working with my buddy."

— Hillary, 16

"I had a great experience learning how to teach and help out younger kids. It was also fun to take part in a science fair project again since I haven't done one since 7th grade."

— Dan, 16

Work Alongside World-Class Scientists and Engineers

Our adult volunteers come from diverse scientific and professional backgrounds. They are a source of great inspiration for students. Our team of volunteers has included:

- Professors, research scientists, and graduate students from top universities, such as MIT, Princeton, Stanford, UC Berkeley, and UCSF
- A scientist who holds a PhD in Aeronautics and Astronautics from Stanford and was on the team that developed the **Pegasus rocket**
- A theoretical and computational physicist at Lawrence Livermore National Laboratory whose recent work deals with the design and use of **HIGH-POWER LASERS**
- An expert in **tropical ecology** and conservation who studies, among other things, the effects of **oil spills** on tropical birds
- A retired engineer who worked on the *Apollo Moon Program* and programmed simulators for the **F16 FIGHTER PLANE**
- A member of the team that designed pressure sensors for **NASA's Mars Probe**
- A researcher who was involved in the discovery of the earliest HIV protease inhibitor drugs (**AIDS drugs**)
- Forensics experts who work for state **Crime labs**
- Scientists and engineers from AMD, Bio-Rad Labs, Intel, Seagate, Symantec, Lawrence Livermore Laboratory, and many more high-tech companies and labs...

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