

"I'm glad this program exists! Project SEED offers a great opportunity for students to learn and to experience what the field of science is really like. I found the program to be very rewarding and educational."

-Judy Lam, San Francisco, CA

"This internship gave me tremendous hands-on experience, which is the best education to receive. I gained a better understanding of the field I may pursue—chemical engineering."

-Tiana Brown, Knoxville, TN

"This has by far been the best summer of my life! The research part was great. I already have plans with my mentor to continue my research."

-Sara Hounshell, Paoli, IN

Things You Should Know about Project SEED

Students must

- have completed a course in high school chemistry
- be entering their junior or senior year in high school
- meet the definition of economically disadvantaged as published in the financial guidelines
- be interested in participating in scientific research

Teachers should

- call the ACS Project SEED office for program guidelines
- ask the SEED office for a list of participating SEED programs in their area
- call local SEED programs to inquire about program guidelines for the selection of students

Institutions should

- be an academic, government, or industry laboratory
- call the ACS Project SEED office for an application packet
- identify local sources of matching funds for student fellowship awards
- attempt to identify students from local high schools

Annual Program Deadlines

NOVEMBER

Project SEED applications are sent to coordinators.

MID-FEBRUARY

Project SEED applications and college scholarship applications are due.

MID-APRIL

Project SEED award letters are sent to coordinators and scholarship winners are announced.

JUNE

Summer program begins.

AUGUST

Summer program concludes.

For more information about Project SEED, contact

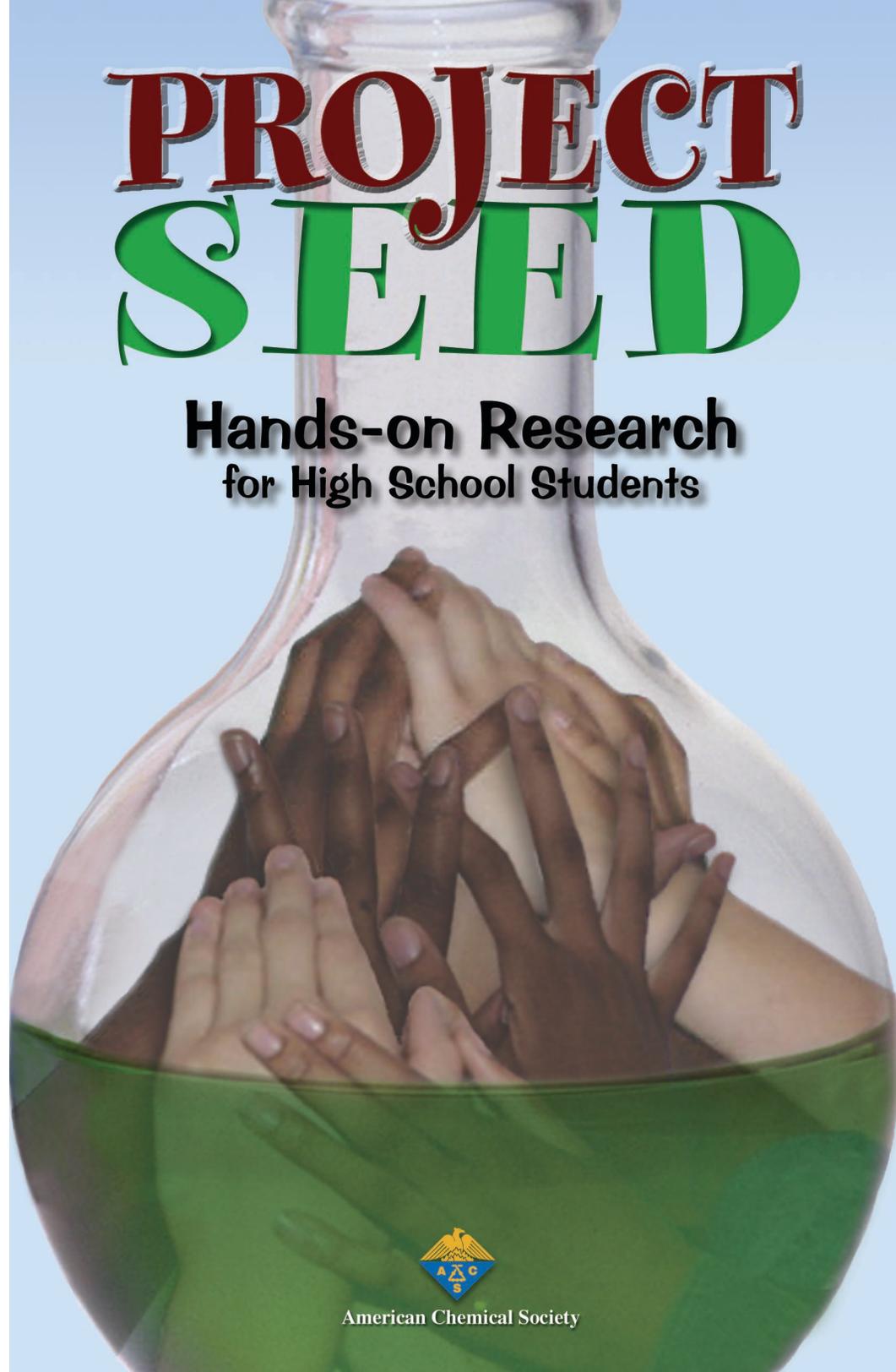
Project SEED

American Chemical Society
Education and International Activities Division
1155 Sixteenth St., NW, Washington, DC 20036

202-872-4380, projectseed@acs.org, www.chemistry.org/education/seed.html

PROJECT SEED

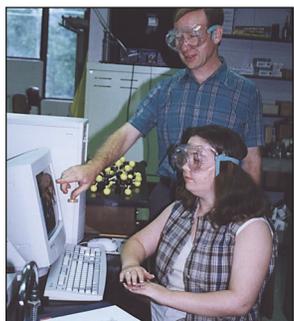
Hands-on Research for High School Students



American Chemical Society

PROJECT SEED...

••• the American Chemical Society's (ACS) social action program, was honored with a 2001 Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring. This prestigious award was given in recognition of Project SEED mentoring, which has enabled a substantial number of students from groups underrepresented in science, mathematics, and engineering to successfully pursue and complete relevant degree programs.



The Program

Project SEED was established in 1968 to help economically disadvantaged high school students expand their career outlook. The program provides opportunities for students who historically lack exposure to scientific careers. High school students are placed in academic, industry, and government research laboratories for 8–10 weeks during the summer to do hands-on research. Students receive a fellowship award for their efforts.

The Opportunities

Project SEED offers high school students exciting research opportunities, information on career paths, preparation for college studies, individual mentoring, the chance to participate in scientific meetings, scholarship awards, and a way to enhance their self-confidence.



The Institutions

Project SEED students gain research experience in academic, industrial, and governmental research laboratories. Over the past 35 years, 350 institutions have sponsored more than 6000 high school students through Project SEED. Institutions that are approved by ACS develop scientific research projects for participating students and provide supplies, materials, and work space. Students are guided by scientist-mentors.

The Students, Mentoring, and Guidance

In addition to hands-on research, Project SEED students receive guidance on their career and personal development. Mentors and students build relationships that help to expand their awareness and understanding of the workforce. Mentors provide strategies for helping students reach their objectives, give feedback, and allow opportunities for growth that may include exposure to key members of an organization.



Professional Networking

Students are given the opportunity to present their research projects at ACS local meetings, ACS Sci-Mix (an interdisciplinary poster session at ACS national meetings), or other scientific meetings.

Presenting their summer research findings gives students exposure to a diverse group of individuals—chemists, engineers, and college students—who review their research and motivate them to pursue science careers. Poster sessions allow them to work side by side with professional scientists.



Summer I Program

This program provides first-time Project SEED participants with a scientific research project in chemistry or a related field under the direct supervision of a scientist-mentor. Students receive a fellowship award.



Summer II Program

This program provides Project SEED Summer I students with an additional summer of scientific research. Students either continue their research from the previous summer or begin a new research project. These students receive a fellowship award. Summer II students are eligible for a travel grant to present their research at an ACS or other scientific meeting.

College Scholarships

Project SEED participants are eligible to compete for a first-year nonrenewable college scholarship. The scholarships are restricted to students who will major in a chemical science field such as chemistry, chemical engineering, biochemistry, or materials science. The scholarships are intended to assist former SEED participants in their transition from high school to college.



ACS Project SEED Mission Statement

“To ensure that students from economically disadvantaged backgrounds have opportunities to experience the challenges and rewards of chemically related sciences.”