

Taking your Internship Experience Outside the Lab

** Consult your university or industrial mentor before submitting research for publication, presentation, or competition.**

Doing meaningful research can be personally rewarding but it doesn't contribute to the advancement of scientific knowledge if it isn't shared with the scientific community. Here are a few ways you can share what you've learned with the world.

ENTER A SCIENCE COMPETITION

The list of competitions ranges from local to international but is not exhaustive. Some competitions offer college scholarships, expense-paid trips, or even cash prizes. All competitions have criteria for entry, including age, nature of project, citizenship, etc.; look at the eligibility requirements before beginning your application. In addition, some require research paper submission and others a poster presentation. This is the most common way high students share their science.

- Intel ISEF Affiliated Fairs (NWSE.org)
- Regeneron STS (student.societyforscience.org/regeneron-sts)
- International Sustainable World Project Olympiad (ISWEEEP.org)
- Genius Olympiad (geniolympiad.org)
- Stockholm Junior Water Prize (www.siwi.org/prizes/stockholmjuniorwaterprize)
- Google Science Fair (googlesciencefair.com)
- THINK (think.mit.edu/)
- Davidson Fellows Scholarship (davidsongifted.org/Fellows-Scholarship)
- ExploraVision (exploravision.org)
- Junior Science & Humanities Symposium (JSHS.org)

PUBLISH IN A SCIENCE JOURNAL

Publishing is a common way for scientists to share their work. Listed are peer-reviewed journals that publish work done by pre-collegiate researchers. Publishing in a peer-reviewed journal is remarkable. Peer-review entails iterations of feedback and editing to ensure that the science being published is of the highest quality. You may also consider publishing in professional peer-reviewed journals and should consult your mentor about which journal is appropriate.

- Chronicle of the New Researcher (chronicleofthenewresearcher.org)
- National High School Journal of Science (nhsjs.com)
- Young Scientists Journal (ysjournal.com)
- Journal of Experimental Secondary Science (jes2s.com)

PRESENT AT A PROFESSIONAL MEETING

There are many professional societies that have local, regional, national, and international meetings where you can apply to present your work. To present at local meetings, you should contact the local group president. To present at regional, national, and international meetings, you'll need to apply online months in advance and submit an abstract or project summary. Consult your mentor about which meetings would be appropriate for your research.

Whether you win prizes, present, or publish, the act of reflection and distilling your hard work into a paper, poster, or presentation will help you put your efforts into context and highlight the progress you have made.

"If we know what it was we were doing, it would not be called research, would it?" ~Albert Einstein