



The Northwest Science Expo System (NWSES) is a system of fairs affiliated with the Regeneron International Science and Engineering Fair, the world's largest international precollege science competition, which is a program of Society for Science and the Public. NWSES provides opportunities for middle and high school students statewide to participate in scientific research.

Team Oregon is comprised of the top winners from all system fairs chosen to compete at Regeneron ISEF each year. This year Team Oregon included 30 students with 27 projects. They were selected from the high school students who participated system-wide.

- ◆ Due to Covid-19, the physical fair was cancelled, however students were invited to the first virtual Regeneron ISEF, which included a day of judging and week of activities.
- ◆ Team OR won awards totaling \$37,750, including 12 grand awards.
- ◆ Students from fourteen different Oregon schools were selected.
- ◆ All Oregon fairs were virtual.

Encouraging girls to enter careers of science, technology, engineering or math is important to NWSES. In 2021, of the 720 total high school and middle school students system wide reporting gender, 53% were female and 47% were male.

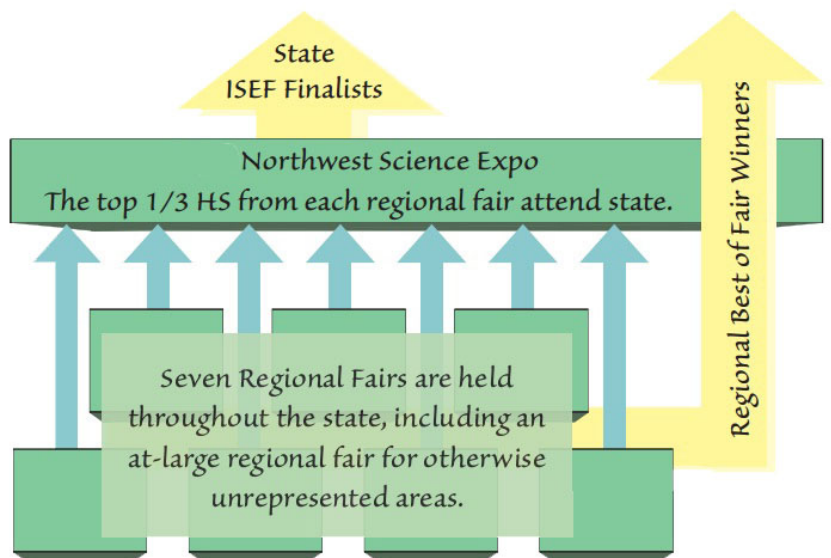
We have consistent participation from schools with high percentages of students on free and reduced lunch programs. Goals of the NWSES are to increase access to ISEF-affiliated fairs statewide and to provide support for teachers and students in their research activities, through both financial contributions and mentorship programs.

Sponsors are needed to support Team Oregon each year. For each member of Team Oregon we provide travel and lodging, meal allowances, trading pins, a Team Oregon dinner during Regeneron ISEF week, and the "Go for the Au" t-shirts that all Team Oregon members receive. This year our students received their shirts, we hope to offer a dinner when things return to normal.

Special thanks to our system sponsors Genentech, Optimist Club of Hillsboro, Micro Systems Engineering, AbSci, and Neal Cox for their generous support.



TEAM OREGON
All members participate at the Regeneron International Science and Engineering Fair.



Northwest Science Expo

Location: Online
 Director: Stephanie Jones

Aardvark Science Expo

Location: Online
 Directors: Bettina Gregg,
 Tanja Horvat

Beaverton-Hillsboro Science Expo

Location: Online
 Directors: Caitlin Everett,
 Chris Steiner

Central Western Oregon Science Expo

Location: Online
 Directors: Karen Sprague,
 Michael Rockow

COCC Regional Science Expo

Location: Online
 Directors: Sarah Fuller

CREST-Jane Goodall Science Symposium

Location: Online
 Director: Danielle Grenier

Gresham Barlow Science Expo - At-large

Location: Online
 Directors: Stephen Scannell

Portland Public Schools Science Expo

not held in 2021



NWSE is the premier forum for the young scientists, engineers, and mathematicians of Oregon to showcase their talents. It is the state-level fair in the NWSES. NWSE was a fully virtual event with all judging taking place online during a year when most Oregon schools were virtual or hybrid. Visit nwse.org for more information on the fair and the system.

2021 Fair Statistics

High School Students	190
Middle School Students	207
Total Students	397

High School Projects	161
Middle School Projects	175
Total Projects	336

Total Adult Sponsors	75
Total Participating Schools	43

Special Award Sponsors	37
Total Awards Given	328

High School Judges	98
Middle School Judges	75
Total Judges	173

Scholarships are provided to selected winners by:

Oregon State University
University of Oregon
Lewis and Clark College



2021 Local Award Sponsors

Lake Oswego Corporation
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Eclipse Technologies
Oregon Iota Sigma Pi
Ralph M. Cohen Consultancy
Project Untangled
Daughters of Eve

NWSE & NWSES Sponsors

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Columbia Willamette Chapter of Sigma Xi
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Oregon Forest Resources Institute
Oregon Health & Sciences University
Pacific Northwest Research Station, USDA Forest Service
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