



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. 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 25 projects. They were selected from the high school students who participated system-wide.

- ♦ Team OR's Alexander Plekhanov won 1st place in Physics, a trip to Stockholm for the Nobel Prize ceremonies and two other special awards.
- ♦ Team OR won awards totaling \$46,500, including nine grand awards and nine special awards.
- ♦ Students from twelve different Oregon schools were selected.
- ♦ Twelve of our students were alumni of Regeneron ISEF.

Encouraging girls to enter careers of science, technology, engineering or math is important to NWSES. In 2023, of the 939 total high school and middle school students system wide reporting gender, there were 52% female, 45% male and 3% nonbinary.

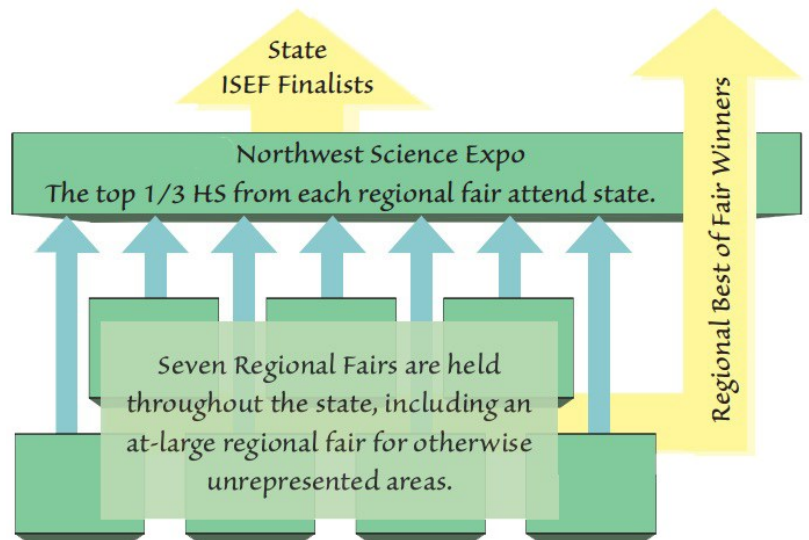
We have consistent participation from schools with high percentages of students on free and reduced lunch programs. Goals of the NWSES are to increase access to ISEF-affiliated fairs statewide and to provide support for teachers and students in their research activities, through both financial contributions 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. We estimate that it takes \$2000 to send a student to compete.

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



2023 TEAM OREGON
*All members participate at the
 Regeneron International Science and Engineering Fair.*



Northwest Science Expo

Location: Portland State University
 Director: Stephanie Jones

Aardvark Science Expo

Location: Online due to snow
 Directors: Bettina Gregg

Beaverton-Hillsboro Science Expo

Location: Online
 Directors: Paul Hampton,

Central Western Oregon Science Expo

Location: University of Oregon
 Directors: Michael Rockow,
 Bryan Rebar

COC Regional Science Expo

Location: Online
 Directors: Stephanie Jones

CREST-Jane Goodall Science Symposium

Location: Wilsonville High School
 Director: Danielle Schroeder

Gresham Barlow Science Expo - At-large

Location: Gresham High School
 Directors: Stephen Scannell





NWSE is the premier forum for the young scientists, mathematicians, and engineers of Oregon to showcase their talents. It is the state-level fair in the NWSES. NWSE was a hybrid event with online scoring followed by in-person interviews. Visit nwse.org for more information on the fair and the system.

2023 Fair Statistics

High School Students	179
Middle School Students	271
Total Students	450

High School Projects	139
Middle School Projects	215
Total Projects	354

Total Adult Sponsors	83
Total Participating Schools	53

Special Award Sponsors	35
Total Awards Given	309

High School Judges	84
Middle School Judges	89
Total Judges	173

Scholarships are provided to selected winners by:

Portland State University
Oregon State University
University of Oregon

NWSE & NWSES Sponsors

Platinum Sponsor

Genentech

Associate Sponsor

Portland State University

Gold Sponsor

Broadcom Foundation

PSU - Research & Graduate Studies

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Sigma Xi

Jacobs

Society for Science

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AbSci

Jeanne Beacham

Narjala and Shanda Bhasker

Stephanie Jones

Mike & Elaine Sawyer

Dr. Larry Sherman

Friend

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Oregon Environmental Health Association

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David Lloyd

Megan & Dr. Kenneth Gundle

Dr. Linda Mantel

Stephen & Esther Portnoy

Dr. Sandra Ramirez

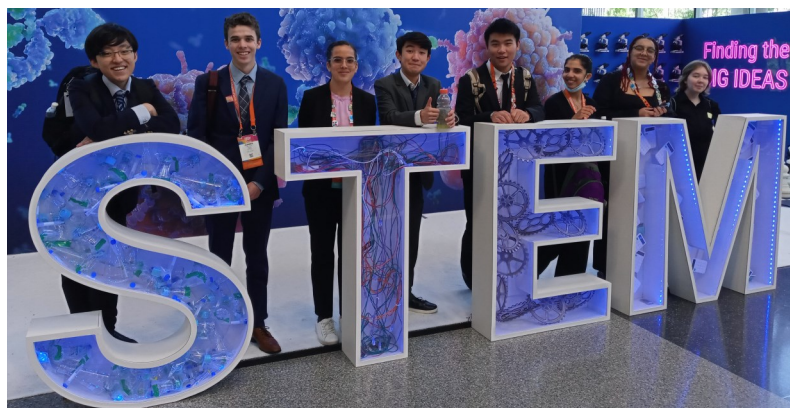
Jeff Rubin

Dr. Charlotte Shupert

Erwin & Mary Thomas

Claude & Florence Zeller

In memory of Carl Erickson



2023 Local Award Sponsors

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American Chemical Society, Portland Section

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Oregon Forest Resources Institute

Oregon Health & Sciences University

Pacific Northwest Research Station, USDA Forest Service

Portland Industrial Chemists' Association

NorthWest Engineering Service, Inc

The Pacific Northwest Local Section of AIHA

Regeneron

