



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 34 students with 28 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 share their projects through a video.
- ◆ For the first time, there was an equal number of boys and girls on Team OR.
- ◆ Students from thirteen different Oregon schools were selected.
- ◆ Two regional fairs as well as NWSE had virtual fairs online.

Encouraging girls to enter careers of science, technology, engineering or math is important to NWSES. In 2020, of the 1218 total high school and middle school students system wide reporting gender, 54% were female and 45% were male.

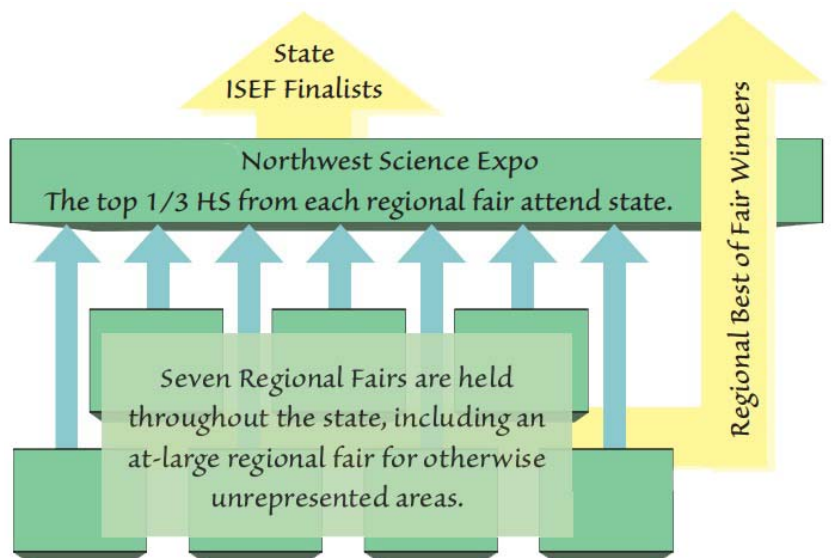
We have consistent participation from schools with high percentages of students on free and reduced lunch programs. Goals of the NWSES are to increase access to ISEF-affiliated fairs statewide and to provide support for teachers and students in their research activities, through both financial contributions 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 Willamette University, Genentech, McGeady Family Foundation, 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: Oregon Episcopal School, Portland  
 Directors: Bettina Gregg, Tanja Horvat

**Beaverton-Hillsboro Science Expo**

Location: Intel Jones Farm Campus, Hillsboro  
 Directors: Caitlin Everett, Chris Steiner

**Central Western Oregon Science Expo**

Location: Willamette University, Salem  
 Directors: Karen Sprague, Michael Rockow

**COCC Regional Science Expo**

Location: Central Oregon Community College, Bend  
 Directors: Sarah Fuller

**CREST-Jane Goodall Science Symposium**

Location: Wilsonville High School, Wilsonville  
 Director: Danielle Grenier

**Gresham Barlow Science Expo - At-large**

Location: Online  
 Directors: Stephen Scannell

**Portland Public Schools Science Expo**

Location: Online  
 Director: Kristin Moon



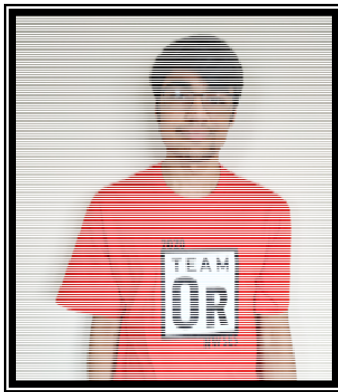
NWSE is the premier forum for the young scientists, engineers, and mathematicians of Oregon to showcase their talents. It is the state-level fair in the NWSES. For the first time NWSE was a fully virtual event with all judging taking place online. Visit [nwse.org](http://nwse.org) for more information on the fair and the system.

### 2020 Fair Statistics

High School Students	263
Middle School Students	325
<b>Total Students</b>	<b>588</b>
High School Projects	207
Middle School Projects	248
<b>Total Projects</b>	<b>455</b>
<b>Total Adult Sponsors</b>	<b>110</b>
<b>Total Participating Schools</b>	<b>70</b>
<b>Special Award Sponsors</b>	<b>43</b>
<b>Total Awards Given</b>	<b>269</b>
High School Judges	110
Middle School Judges	62
<b>Total Judges</b>	<b>172</b>

### Scholarships are provided to selected winners by:

Oregon State University  
University of Oregon  
Lewis and Clark College



### 2020 Local Award Sponsors

Lake Oswego Corporation  
Joyous  
US Geological Survey  
The Bilow Group  
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The Vardhana Family  
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Claude & Florence Zeller  
Dr. Larry Sherman

### NWSE & NWSES Sponsors

#### Presenting Sponsor

Portland State University

#### Gold Sponsor

Friends of the Oregon Association for Talented & Gifted

Portland State University - College of Liberal Arts & Sciences

Willamette University

Anonymous

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Oregon Section IEEE

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Michael Lampert

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American Chemical Society, Portland Section

Columbia Willamette Chapter of Sigma Xi

Oregon Environmental Health Association

Oregon Forest Resources Institute

Oregon Health & Sciences University

Pacific Northwest Research Station, USDA Forest Service

Portland Alcohol Research Center at OHSU & VAMC

Portland Industrial Chemists' Association

NorthWest Engineering Service, Inc

The Pacific Northwest Local Section of AIHA

Women in Industrial Hygiene

