



The Northwest Science Expo System (NWSES) is a system of fairs affiliated with the Intel 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 Intel ISEF each year. This year Team Oregon included 30 students presenting 24 projects at Intel ISEF. They were selected from the 890 high school students who participated system-wide.

- ◆ Team Oregon won 18 Grand Awards and 18 Special Awards.
- ◆ Sixteen out of 24, or 67% of Team Oregon projects received Special or Grand Awards.
- ◆ Team Oregon brought home an accumulated prize total of \$124,000 plus the value of five all expenses paid trips to Europe.
- ◆ Students from 12 different Oregon schools were prize winners. Seven of the 8 fairs in the Northwest Science Expo System sent projects to ISEF that won awards.

Encouraging girls to enter careers of science, technology, engineering or math is important to NWSES. In 2012, of the 1768 total high school and middle school students system wide, 53% were female and 47% were male.

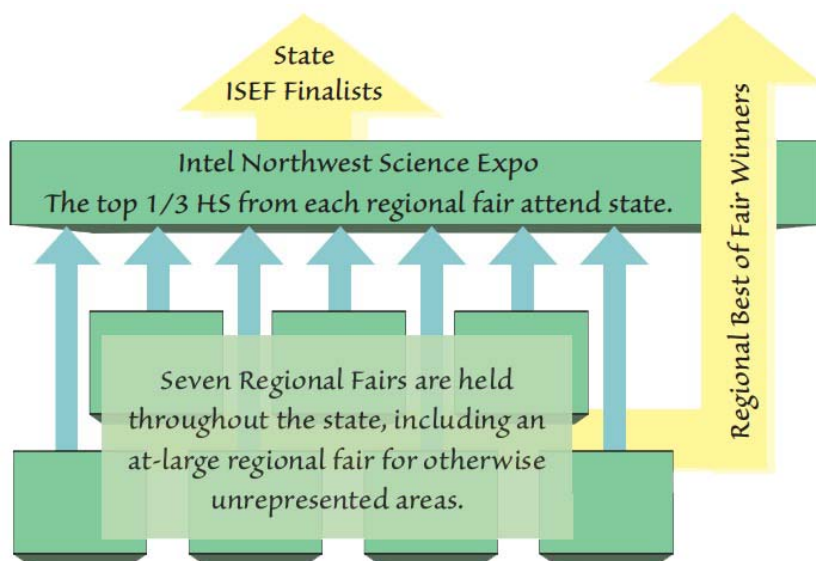
We have consistent participation from schools with high percentages of students on free and reduced lunch programs. Goals of the NWSES are to increase access to ISEF-affiliated fairs statewide and to provide support for teachers and students in their research activities, through both financial contributions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

Sponsors are needed to support Team Oregon each year. For each member of Team Oregon we aim to provide travel and lodging, meal allowances, shipping of project display boards, a Team Oregon dinner during Intel ISEF week, and the "Go for the Au" t-shirts that all Team Oregon members receive.

Thanks to our system sponsors Applied Materials, McGeady Family Foundation, OHSU, Pearson and Neal Cox for their generous support.



TEAM OREGON
All members attend the Intel International Science and Engineering Fair.



Intel Northwest Science Expo

Location: Portland State University, Portland
Director: Stephanie Jones

Aardvark Science Expo

Location: Oregon Episcopal School, Portland
Directors: Bevin Daglen, Tanja Horvat

Beaverton-Hillsboro Science Expo

Location: Intel Jones Farm Campus, Hillsboro
Directors: Susan Holveck, Chris Steiner

Central Western Oregon Science Expo

Location: Linn-Benton Community College, Albany
Directors: Tom Smithburg, David Hackleman

CREST-Jane Goodall Science Symposium

Location: West Linn High School, West Linn
Director: Amy Schauer

Gresham Barlow Science Expo - At-large

Location: Gresham High School, Gresham
Director: Stephen Scannell

High Desert Science Expo

Location: St. Charles Hospital, Bend
Director: Tom Stueve

Portland Public Schools Science Expo

Location: Oregon Museum of Science and Industry, Portland
Director: Nancy Lapotin



Intel 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. Visit nwse.org for more information on the fair and the system.

2012 Fair Statistics

High School Students	251
Middle School Students	523
Total Students	774
High School Projects	179
Middle School Projects	405
Total Projects	584
New Adult Sponsors	51
Total Adult Sponsors	126
New Participating Schools	26
Total Participating Schools	79
Special Award Sponsors	39
Total Awards Given	327
High School Judges	108
Middle School Judges	144
Total Judges	252

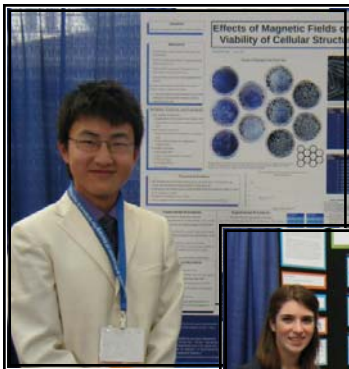
Intel NWSE Sponsors

- Title Sponsor**
Intel Foundation
- Presenting Sponsor**
Portland State University
- Gold Partner**
Center for Science Education
- Silver Partner**
Genentech
- Bronze Partner**
Kelly and Stephanie Jones
- Supporter**
William Becker



Scholarships are provided to selected winners by:

- Portland State University Maseeh College of Engineering and Computer Science
Oregon State University
OSU College of Engineering
University of Oregon
Lewis and Clark College



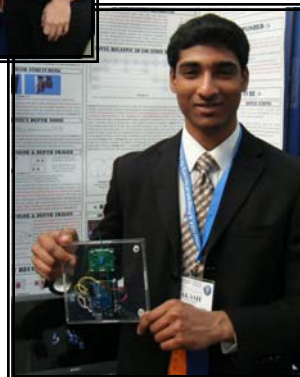
2012 Local Award Sponsors

- American Chemical Society, Portland Section
Applied Superconductivity Conference 2012
Association of Electrical Engineers
Columbia Willamette Chapter of Sigma Xi
The Geological Society of the Oregon Country
Legacy Emanuel Medical Center
Lake Oswego Corporation
Mt. St. Helens Institute
Hillsboro Youth Robotics
The Billow Group
City of Banks
Michael & Elaine Sawyer
Eclipse Technologies
Oregon Iota Sigma Pi
The Hall Family

- Northwest Power and Conservation Council
Oregon Bioscience Association
Oregon Chapter of the American Statistical Association
Oregon Environmental Health Association
Oregon Forest Resources Institute
Oregon Health & Sciences University
Oregon Museum of Science and Industry
Pacific Northwest Research Station, USDA Forest Service
Portland Alcohol Research Center at OHSU & VAMC
Portland Industrial Chemists' Association
Ralph M. Cohen Consultancy
Southwest Clean Air Agency
Tualatin River Watershed Council
US Geological Survey
Lincoln High School FIRST TECH Challenge Team Nanites
Forest Heights FIRST LEGO League Team Turbo Turtles



Intel NWSE's seven finalists represent six different schools including four public and two private schools.



- Aubrey Clark
Scott D. Smith
SolarWorld
TiE Oregon
IEEE
Claude Zeller