



2011 Fair Statistics

High School Students 294
Middle School Students 422

Total Students 716

High School Projects 201
Middle School Projects 335

Total Projects 536

New Adult Sponsors 43

Total Adult Sponsors 113

New Participating Schools 12

Total Participating Schools 71

Special Award Sponsors 44

Total Awards Given 329

High School Judges 114

Middle School Judges 123

Total Judges 237

The 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.

Intel NWSE Sponsors

Title Sponsor:
Intel Foundation

Presenting Sponsor:
Portland State University

Gold Partner: Center for
Science Education

Silver Partner:
Genentech

Bronze Partner:
William Becker

Investor: Kelly and
Stephanie Jones

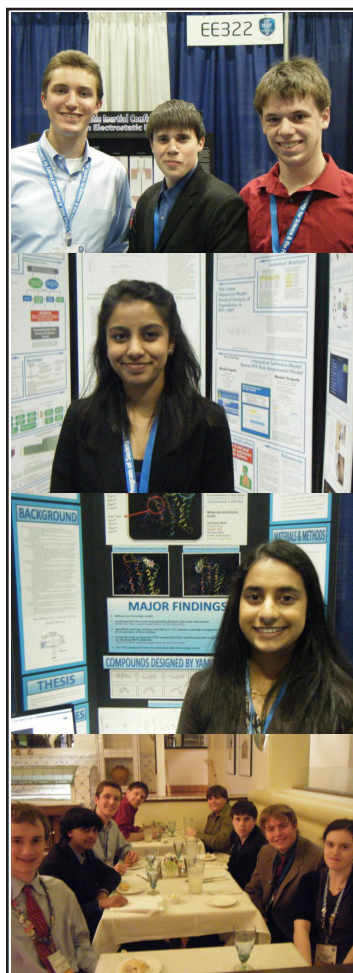
**Scholarships are provided to
selected winners by:**

Portland State University
Maseeh College of
Engineering and Computer
Science

Oregon State University
College of Engineering
Oregon State University
College of Science
University of Oregon
Lewis and Clark College



CWOSE Best of Fair winners Joseph Meyer and Heidi Wade, and PPSSE Best of Fair winner Alexander Harding prepare to enter the exhibit hall on judging day at the Los Angeles Convention Center.



Intel ISEF 2011 Highlights

Forrest Betton, Eric Thomas and Demetri Hopkins were the top Team Oregon winners at Intel ISEF this year, winning the \$8000 Best of Category in Electrical & Mechanical Engineering. Both their school, Merlo Station High School in Beaverton, and the fair that selected them as ISEF attendees, Intel NWSE, also receive \$1000. Naomi Shah and Yamini Naidu were First Place winners in Environmental Sciences and Biochemistry, respectively. Shah was also selected to receive \$13,000 in scholarships from the Oregon Institute of Technology and the Office of Naval Research. All finalists were treated to a Team Oregon dinner before the award ceremonies began.

2011 Local Award Sponsors

American Chemical Society,
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Association
Rachel Robinson
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Mike Zamzov



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 29 students presenting 25 projects at Intel ISEF. They were selected from the 921 high school students who participated system-wide.

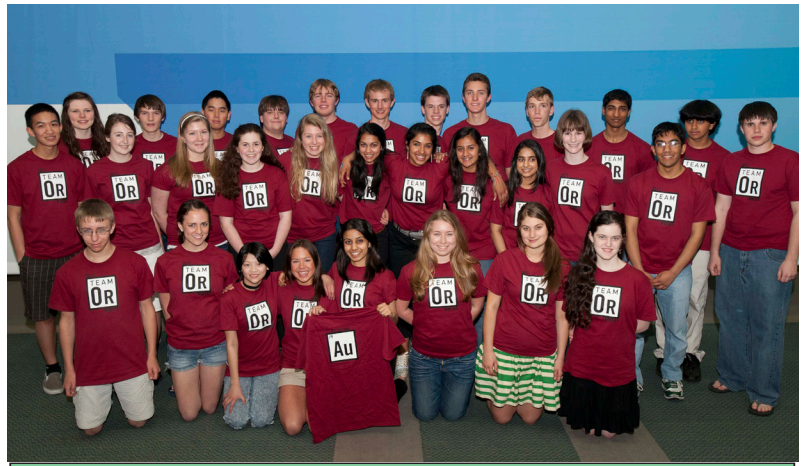
- ★ Team Oregon won 10 Grand Awards and 18 Special Awards.
- ★ Fourteen out of 25, or 56% of Team Oregon projects received Special or Grand Awards.
- ★ Team Oregon brought home an accumulated prize total of \$56,400 plus the value of three all expenses paid trips to Europe.
- ★ Students from 10 different Oregon schools were prize winners. Five 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 2011, of the 1,501 total high school and middle school students systemwide, 49% were female and 43% were male (12% did not report their gender). NWSES works closely with the PSU Louis Stokes Alliance for Minority Participation to increase underrepresented minorities' participation in system fairs as well.

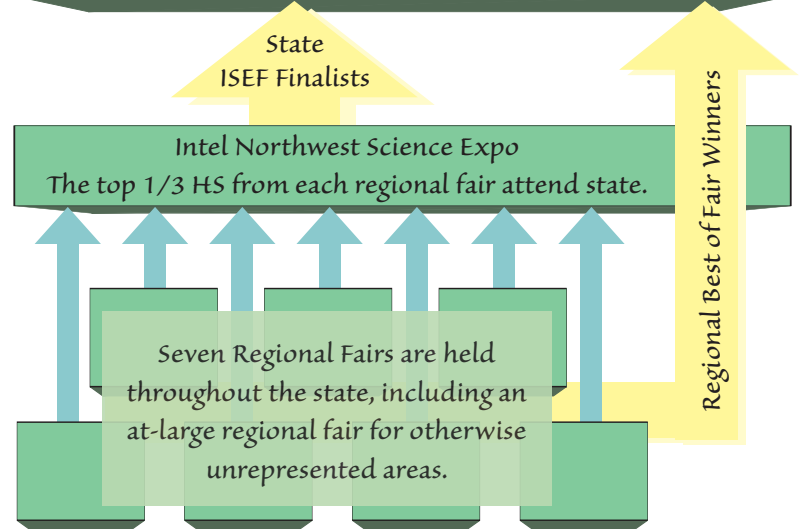
We have consistent participation from schools with high percentages of students on free and reduced lunch programs. Goals of the NWSES are to increase access to ISEF-affiliated fairs statewide and to provide support for teachers and students in their research activities, through both financial contributions 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, Synopsys, Pearson, Richard Knight and Linda Mantel 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: Chris Mader, 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: Dan Lara, 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