

25<sup>th</sup> Anniversary  
2008 Intel Northwest Science Expo Best of Fair report

**High school winners**

There were 198 High School projects. Best of fair winners in both high school (9-12 grade) and middle school (5-8 grade) received \$100 from Madden Industrial Craftsmen and a plaque.

**Best of Fair-Life Science**

Elliot Prince age 14 grade 9 of West Linn High School project titled Evaluating Sleep Hygiene: Empowering Teens to Take Charge

**Best of Fair-Physical Science**

Ashutosh Patra age 16 grade 11 of Sunset High School project titled Low Cost Identification of Anaerobic Microbes for Harvesting Energy and Cleansing Wastewater in a Single Chambered Microbial Fuel Cell

ISEF finalists win an all expense paid trip to compete in the Intel International Science and Engineering Fair in Atlanta May 11-16<sup>th</sup>. The two High School Best of Fair winners had already qualified to attend ISEF at their regional fairs.

**ISEF Finalist Individual (4 students)**

Sebastian Scofield age 15 grade 10 of St. Albert Science Club project titled Colony Emigration in *Aphaenogaster occidentalis*

Matthew Nugent age 14 grade 9 of Oregon Episcopal School project titled Salinity Tolerance of The New Zealand Mudsail (*Potamopyrgus antipodarum*) Collected From Young's Bay, Oregon

Morgan Walti age 18 grade 12 of Liberty High School project titled Bionic Arm: an Application of Electromagnetics

Nima Ahmadi age 16 grade 11 of Westview High School project titled Mathematical Modeling of Conflagration Potential and its Application in Versatile Detection Devices

**ISEF Finalist Team (2 teams)**

Jessica Cummins age 17 grade 12 & Mary Patzel age 18 grade 12 of West Salem High School project titled A discussion about Equality: Gender Study in the Classroom

Kerry Streiff age 16 grade 10 & Dennis Shi age 15 grade 10 of Oregon Episcopal School project titled An Examination of Chloride Deposition in Connate Water Isolated from Subterranean Rock Deposits in Oregon's Willamette Basin

**Middle School Best of Fair**

Two winners were selected from the 270 middle school projects.

Aishwarya Vardhana age 13 grade 8 of Valley Catholic Middle School project titled A Novel Method for the Prevention of Ecological Imbalance Due to Oil Contamination in Wetlands

Meghana Kalavar age 13 grade 8 of Girl Scouts - Columbia River Council project titled Chemotherapy - Made Effective