
Intel NWSE At Large Regional Fair High School Category Awards Press Report

Some of the students that participated in the Intel NWSE had already participated in one of 6 regional science expos around Oregon. Those students participated in the state fair on 4/1. Other students had no opportunity to participate in a regional fair in their area. They participated for awards in the NWSE At-Large regional fair on 4/1. Like all the students that participated in regional fairs, these students were also eligible for state fair awards if their projects were among the best in the entire fair. These students were judged simultaneously for the regional and state fairs.

For more information contact Stephanie Jones: 503-703-3590

HM = Honorable Mention

Behavioral & Social Sciences

<i>Place</i>	<i>StudentNames</i>	<i>School</i>	<i>Title</i>
1st Beh	Kelsey Ion, Hannah Puzas, Allison Forney	La Salle High School	(HS-BE-200) The Speed to Read the Colors of Words
2nd Be	Amy Cuda	Estacada High School	(HS-BE-164) The Psychological Correlation between the Stimulation of Appetite and the Viewing of Weight Loss Ads
3rd Beh	Tia Sexton	Estacada High School	(HS-BE-167) The effect of classical and rap music on short term memory.
HM Be	Louis Pridey	Estacada High School	(HS-BE-166) The scents of Anise, Almond, Peppermint, and Orange and their correlation to memory retention.

Biochemistry

<i>Place</i>	<i>StudentNames</i>	<i>School</i>	<i>Title</i>
1st Bio	Shasha Chen	Columbia River High School	(HS-BI-029) The Effects of Concentration of Growth Hormones Cytokinins, Auxins, and Different Culture Media on the Micropropagation of Yew Trees.
2nd Bio	Ilyana Rosenberg, Mara Rosenberg, Rikki Horowitz	Portland Jewish Academy	(HS-BI-067) The effect of chaperones on yeast development

Botany

<i>Place</i>	<i>StudentNames</i>	<i>School</i>	<i>Title</i>
1st Bot	Donna Canada-Smith	Catlin Gabel School	(HS-BO-118) Flavonoids: Composition in Weeds and Applications in Modern Medicine
2nd Bot	Kelly Mettler	Columbia River High School	(HS-BO-060) The Effect of Hydroponics on the Height, Leaf Amount, and Color of Bean Plants
3rd Bot	Tyler Howe, Brian Casey, Nate Yoder	La Salle High School	(HS-BO-085) Measurement of Erosion Prevention and Control Potential of Various Grass Species

Chemistry

<i>Place</i>	<i>StudentNames</i>	<i>School</i>	<i>Title</i>
1st Che	Lindsay Deis	Gresham High School	(HS-CH-112) Elimination of the Digestion Reagent Perchloric Acid in the Modified Ascorbic Acid Method for Analysis of Total Phosphorus in Aqueous Samples
2nd Ch	Kat Ellis	Columbia River High School	(HS-CH-063) Allelochemicals: The Effect of a Mulch Tea Made from Materials from the Walnut Tree on the Rate at Which Different Types of Landscape Seeds Germinate
3rd Ch	Christopher Quimby	Columbia River High School	(HS-CH-065) The Oxidation Power of Chlorine Gas on Metals

Computer Sciences

<i>Place</i>	<i>StudentNames</i>	<i>School</i>	<i>Title</i>
1st Co	Christina Phillips	Girl Scouts - Col. River Council	(HS-CO-034) Spend-A-Day scheduling at CCHS (Central Catholic High School)
2nd Co	Justin Lei	Columbia River High School	(HS-CO-037) Arithmetic Coding VS. LZW Data Compression

Earth Science

<i>Place</i>	<i>StudentNames</i>	<i>School</i>	<i>Title</i>
1st Eart	Rocko Worth, Travis Kupetz	Bend Science Station	(HS-EA-032) Crystals Under Pressure

Engineering

<i>Place</i>	<i>StudentNames</i>	<i>School</i>	<i>Title</i>
1st Eng	Marta Bryan	Bend Science Station	(HS-EG-117) Active infrared triggering and the migration patterns of Rana pretiosa
2nd En	Devin Lane, Ben Buford	Benson High School	(HS-EG-132) Computer Analysis of Bacteria Growth Over Time
3rd Eng	Kara Heagerty, Eric Steensen	Bend Science Station	(HS-EG-118) When Whales Fly

Environmental Sciences

<i>Place</i>	<i>StudentNames</i>	<i>School</i>	<i>Title</i>
1st Env	J.T. Sohr	Grant Union High School	(HS-EV-134) How much will the fuel load of the forest floor increase over one year after a prescribed burn
2nd En	Nathan Nguyen, Tony Chen, Paul Vorapanich	Benson High School	(HS-EV-171) How much are you paying for bottled water? Is it really worth it?

Mathematics

<i>Place</i>	<i>StudentNames</i>	<i>School</i>	<i>Title</i>
1st Mat	Anarghya Vardhana	Jesuit High School	(HS-MA-033) Primality Testing: Utilizing Characteristics of Prime Numbers, that Allow for Optimal Deterministic and Probabilistic Primality Testing Algorithms in Polynomial Time

Medicine & Health

<i>Place</i>	<i>StudentNames</i>	<i>School</i>	<i>Title</i>
1st Me	Saate Shakil	Benson High School	(HS-ME-172) Changes In Brain Function Following High/Low Novelty-Seeking
2nd Me	My Linh Nguyen	Oregon Health & Science Universit	(HS-ME-106) Does Leptin Prolong Gastric Mucosal Cell Life?
3rd Me	Michael Tran, Chuck Pham	Benson High School	(HS-ME-176) Effect of Isomers on Chemoprotectant Activity

Microbiology

<i>Place</i>	<i>StudentNames</i>	<i>School</i>	<i>Title</i>
1st Mic	Michael Rutenberg Schoenberg	Portland Jewish Academy	(HS-MI-086) The effects of psoralen on yeast: year two
2nd Mic	Katrina Kelly	Catlin Gabel School	(HS-MI-088) Finding the Perfectly Sized Diatoms
3rd Mic	Annika Sullivan	Grant High School	(HS-MI-085) Methods to Decrease Bacterial Counts in Commercially Available Meats
HM Mic	Danny Bishop	Columbia River High School	(HS-MI-040) The Effect of Aluminum Sulfate on Daphnia Heart Rate, Apperance, and Behavior

Space Science

<i>Place</i>	<i>StudentNames</i>	<i>School</i>	<i>Title</i>
HM Sp	Kendra Toole	La Salle High School	(HS-SP-025) Galaxy Quest; You and the Virial Theorem.
HM Sp	Sarah Perle	Bend Science Station	(HS-SP-024) Polar Icecaps on Mars.

Zoology

<i>Place</i>	<i>StudentNames</i>	<i>School</i>	<i>Title</i>
1st Zoo	Katherine Alderman	Estacada High School	(HS-ZO-069) Can the sex of the Gallus Leghorn be predetermined by the size, shape, or weight of the egg?
2nd Zo	Harrison Hall	Bend Science Station	(HS-ZO-072) Gasteracantha cancriformis Labyrinthine Ensnarement Fibers in Hyper Gravity
3rd Zoo	Holly Kupetz	Bend Science Station	(HS-ZO-071) Picky Picky Hens