

2006 Award Report

Intel Northwest Science Expo

Behavioral & Social Sciences

1st, 2nd, 3rd are category place awards

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Project Title</i>	<i>Organization Name</i>	<i>Sponsor</i>
HS-BE-084	Cameron Dennis, Suji Paek	Cultural Influence on Eye Movement Behavior in Response to a Social Target Image as Measured by a Novel Eye-tracking Device	West Salem High School	Graham Dey
<i>Award:</i> 1st Behavioral and Social Sciences - Hs				
<i>Award:</i> Nomination for Best of Fair				
<i>Award:</i> Regional ISEF Finalist				
HS-BE-047	Meryl Hulteng, Shannon Cassidy	Determination of Gender and Age by Thumbprints Year Two	Wilsonville High School	Richard Hulteng
<i>Award:</i> 2nd Behavioral and Social Sciences - HS				
<i>Award:</i> Excellence in Statistics				
<i>Award:</i> Regional ISEF Finalist				
HS-BE-099	Breanna Johnson	The Human Mind and Mathematics: Explained through the Golden Ratio	Southridge High School	Joel Morgan
<i>Award:</i> 3rd Behavioral and Social Science - HS				
<i>Award:</i> Regional ISEF Finalist				
HS-BE-193	Styles Smith, Joe Noh	Manipulating with False Memories	Glencoe High School	Ellen Lyon
<i>Award:</i> Regional ISEF Finalist				
HS-BE-048	Ariel Hurst, Alex Pederson	The Effect of Altered Reinforcement Intervals in Operant Conditioning on the Cumulative Record of Rats.	Wilsonville High School	Holly Gardner
<i>Award:</i> Outstanding Research in Psychology				
<i>Award:</i> American Psychological Association and Teachers of				
HS-BE-003	Henry Behel, Worth Hopkins	Birth Order's Effect on Personality as Measured by the Myers-Briggs Type Indicator (MBTI)	Oregon Episcopal Upper School	Bill Lamb
<i>Award:</i> Regional ISEF Alternate				

2006 Award Report

Intel Northwest Science Expo

Biochemistry		<i>1st, 2nd, 3rd are category place awards</i>		
<i>Exhibit #</i>	<i>Student(s)</i>	<i>Project Title</i>	<i>Organization Name</i>	<i>Sponsor</i>
HS-BI-002	Sergio-Francis Zenisek	The Autorecombination of RNA in a Compartmentalized Systems: An Origin-of-Life Study	Oregon Episcopal Upper School	Rosa Hemphill
<i>Award:</i>	1st Biochemistry - HS			
<i>Award:</i>	Nomination for Best of Fair			
<i>Award:</i>	Regional ISEF Finalist			
HS-BI-006	Peggy Moser, Valerie Rippey	How do different concentrations of kinetin affect the lifespan of fruitflies?	Oregon Episcopal Upper School	Peter Langley
<i>Award:</i>	2nd Biochemistry - HS			
<i>Award:</i>	Excellence in Statistics			
<i>Award:</i>	Nomination for Best of Fair			
HS-BI-023	Anil Kolor	An Indirect Study on Benefits of Antioxidants in Reducing Drusen Formation	Westview High School	Mark Geren
<i>Award:</i>	3rd Biochemistry - HS			
<i>Award:</i>	Nomination for Best of Fair			
HS-BI-025	Paul Dornath	Short Term Testing of PET Water Bottles	Benson High School	Jean Eames
<i>Award:</i>	Army Outstanding High School Project in Physical Sciences	Army Research Office, U.S. Army		
<i>Award:</i>	HM Biochemisty - HS			

2006 Award Report

Intel Northwest Science Expo

Botany		<i>1st, 2nd, 3rd are category place awards</i>		
<i>Exhibit #</i>	<i>Student(s)</i>	<i>Project Title</i>	<i>Organization Name</i>	<i>Sponsor</i>
HS-BO-078	Michael Bernert	Acer palmatum in vitro, year 2	West Linn High School	Kathleen Bernert
<i>Award:</i>	1st Botany - HS			
<i>Award:</i>	Nomination for Best of Fair			
<i>Award:</i>	Outstanding Science Project About Forests	Pacific NW Research Station, USDA Forest Service		
<i>Award:</i>	Regional ISEF Finalist			
HS-BO-012	Michaela Skiles, Claire Oberholtzer	The Effects of Polyethylene Glycol on the Drought Tolerance of Rapid-Cycling Brassica Rapa	Oregon Episcopal Upper School	Peter Langley
<i>Award:</i>	2nd Botany - HS			
<i>Award:</i>	ISEF Alternate, Team			
<i>Award:</i>	Nomination for Best of Fair			
<i>Award:</i>	Outstanding Project in Plant Biology	OSU Department of Botany and Plant Pathology		
HS-BO-069	Mike Rogers	Seeds of Today, Future of Tomorrow: Cryopreservation of seeds and effects on germination.	Tillamook High School	Clair Thomas
<i>Award:</i>	3rd Botany - HS			
HS-BO-065	Rohini Deb, Veronika Jonsson	The effect of magnetic fields on plant growth	West Linn High School	Jason Milham
<i>Award:</i>	Excellence in Statistics			
HS-BO-045	Ashley Weber	Biomechanics of Flower Support	Gold Beach High School	Robyn Darbyshire
<i>Award:</i>	Regional ISEF Alternate			

2006 Award Report

Intel Northwest Science Expo

Chemistry		<i>1st, 2nd, 3rd are category place awards</i>		
<i>Exhibit #</i>	<i>Student(s)</i>	<i>Project Title</i>	<i>Organization Name</i>	<i>Sponsor</i>
HS-CH-005	Kyung-ha Lee	A Novel Approach in Preparation of TiO ₂ Thin Film for Dye-Sensitized Solar Cell	Oregon Episcopal Upper School	Rosa Hemphill
<i>Award:</i>	1st Chemistry - HS			
<i>Award:</i>	IEEE Special Awards		IEEE Oregon	
<i>Award:</i>	ISEF Finalist Individual			
<i>Award:</i>	Nomination for Best of Fair			
<i>Award:</i>	Outstanding Chemistry Related Project		Iota Sigma Pi	
<i>Award:</i>	Outstanding Project by an 11th Grade Student		Yale University Science and Engineering Associatio	
HS-CH-065	Sarah Fine	Comparing Vitamin C Content of Various Species of Rose Hips by Redox Titration with Iodate Solution	Westview High School	Stephanie Fine
<i>Award:</i>	2nd Chemistry - HS			
<i>Award:</i>	Julie Becker Award		Youth Exploring Science	
<i>Award:</i>	Nomination for Best of Fair			
HS-CH-052	Kevin Mahr, Steven Braun	The Efficiency of Aluminum Anodizing in Industry	Benson High School	Peter Mahr
<i>Award:</i>	3rd Chemistry - HS			
<i>Award:</i>	Outstanding Applied or Practical Chemistry Project by a Junior or Senior		American Chemical Society/PICA	
HS-CH-023	Rachel Carlson	The Location of Bovine Serum Albumin Protein with Texas Red Aggregates in Relation to Liposomes, and the Applications of these Liposomes as in vivo Luciferase Vesicles	Columbia River High School	Pam Lehman
<i>Award:</i>	Regional ISEF Finalist			

2006 Award Report

Intel Northwest Science Expo

Computer Sciences

1st, 2nd, 3rd are category place awards

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Project Title</i>	<i>Organization Name</i>	<i>Sponsor</i>
HS-CO-017	Vidya Ganapati	Building a Power-Optimized MIPS Pipeline	Sunset High School	John Sheu
<i>Award:</i>	1st Computer Science - HS			
<i>Award:</i>	IEEE Special Awards	IEEE Oregon		
<i>Award:</i>	Nomination for Best of Fair			
<i>Award:</i>	Regional ISEF Finalist			
HS-CO-012	Alan Pierce, Nate Broussard	Combining Touch Screen and Scanner Input for Handwriting Recognition	Merlo Station High School	Hector Morales
<i>Award:</i>	2nd Computer Science - HS			
<i>Award:</i>	Nomination for Best of Fair			
<i>Award:</i>	Regional ISEF Finalist			
HS-CO-006	Javen ONeal	Comparing the Accuracy of Spam Filtering Methods	Merlo Station High School	Joel Laney
<i>Award:</i>	3rd Computer Science - HS			
HS-CO-009	Ryan Toll	A Greater Enigma	McNary High School	Gary Miller
<i>Award:</i>	Army Outstanding High School Project in Mathematics/Computer Science	Army Research Office, U.S. Army		

2006 Award Report

Intel Northwest Science Expo

Earth Science		<i>1st, 2nd, 3rd are category place awards</i>		
<i>Exhibit #</i>	<i>Student(s)</i>	<i>Project Title</i>	<i>Organization Name</i>	<i>Sponsor</i>
HS-EA-026	Vanessa Kemper, Will Niemann-Ross	An experiment to find and quantify the relationship between volume and the increase of the debris-covered portion of a glacier.	Cleveland High School	Robert Schlichting
<i>Award:</i>	1st Earth Science - HS			
<i>Award:</i>	Nomination for Best of Fair			
<i>Award:</i>	Outstanding Geology Project	Cascade Volcano Observatory		
HS-EA-008	John Wros	The Effects of Seismic Activity Determined by Soil Hydration	Wilsonville High School	Holly Gardner
<i>Award:</i>	2nd Earth Science - HS			
<i>Award:</i>	Nomination for Best of Fair			
HS-EA-002	Ryan Shin, Albert Tseng	Estimating the amount of glacier retreat over the decades	Oregon Episcopal Upper School	Rosa Hemphill
<i>Award:</i>	2nd Earth Science - HS			
<i>Award:</i>	Nomination for Best of Fair			

2006 Award Report

Intel Northwest Science Expo

Engineering		<i>1st, 2nd, 3rd are category place awards</i>		
<i>Exhibit #</i>	<i>Student(s)</i>	<i>Project Title</i>	<i>Organization Name</i>	<i>Sponsor</i>
HS-EG-054	Willie Neiswanger	Touch Based Navigation Aid for the Blind and Visually Impaired	Merlo Station High School	Joel Laney
<i>Award:</i>	1st Engineering - HS			
<i>Award:</i>	IEEE Special Awards		IEEE Oregon	
<i>Award:</i>	Naval Excellence in Science and Engineering Award		Office of Naval Research, US Navy and Marine Corps	
<i>Award:</i>	Nomination for Best of Fair			
<i>Award:</i>	Regional ISEF Finalist			
HS-EG-101	Dane Bennington	Vector-Based Autonomous Aircraft Control System	Wilsonville High School	Tim Bennington-Dav
<i>Award:</i>	2nd Engineering - HS			
<i>Award:</i>	ISEF Alternate			
<i>Award:</i>	Nomination for Best of Fair			
<i>Award:</i>	U.S. Air Force Outstanding Project		U.S. Air Force	
HS-EG-099	William Fan, Edward Nguyen	Novel Classification Algorithm for Augmented Cognition via Discrimination of Multiplex Quantum Cluster Distributions	Merlo Station High School	Hector Morales
<i>Award:</i>	3rd Engineering - HS			
<i>Award:</i>	IEEE Special Awards		IEEE Oregon	
<i>Award:</i>	ISEF Finalist Team			
<i>Award:</i>	Nomination for Best of Fair			

2006 Award Report

Intel Northwest Science Expo

HS-EG-103	Avi Levy	Fractal dimension and its relation to the efficiency of proposed artificial lung models	West Linn High School	Jason Milham
<i>Award:</i>	Regional ISEF Finalist			
HS-EG-094	Brian McCarthy	Magnetism and Plasma	Liberty High School	Ramona Toth
<i>Award:</i>	IEEE Special Awards	IEEE Oregon		
<i>Award:</i>	Naval Excellence in Science and Engineering Award	Office of Naval Research, US Navy and Marine Corps		
HS-EG-076	Rachael Nelson	Potential Design Alterations in Xenon Propelled Ion Engines: The Elimination of Multiple Ionization	McNary High School	Gary Miller
<i>Award:</i>	Outstanding Project in Nuclear Science/Engineering	Areva		
<i>Award:</i>	U.S. Air Force Outstanding Project	U.S. Air Force		
HS-EG-073	Kyle Klain	Astrophotography with Logitech Webcams	West Salem High School	Graham Dey
<i>Award:</i>	Outstanding Project in Optical Science and Engineering	SPIE-The International Society for Optical Enginee		
HS-EG-059	Ben Marcus, Nathan Fisher	The Future of Compression Ignition Engines: The Design, Modification and Testing of a Compression Ignition Vehicle Operating on Soybean Oil to Improve Emissions, Efficiency and the Economic Viability of Bio-Fuels.	West Linn High School	Louise Marcus
<i>Award:</i>	Herbert Hoover Young Engineer Award	Herbert Hoover Presidential Library Association		
<i>Award:</i>	Innovative Engineering Award	National Society of Professional Engineers		
HS-EG-052	Marta Bryan	Non-Invasive Active Infrared Triggering Device to Detect Amphibian Movement in an Aqueous Environment	Bend Science Station	David Bermudez
<i>Award:</i>	HM Engineering - HS			
<i>Award:</i>	Outstanding Creativity In Engineering	Society of Women Engineers		
<i>Award:</i>	U.S. Air Force Outstanding Project	U.S. Air Force		
HS-EG-012	Michael Loy	Optimizing the Compressive Strengths of Various Recycled Aggregates in Portland Concrete	Oregon Episcopal Upper School	Bill Lamb
<i>Award:</i>	Army Outstanding High School Project in Engineering	Army Research Office, U.S. Army		
<i>Award:</i>	Innovative Engineering Award	National Society of Professional Engineers		
<i>Award:</i>	Outstanding Project in Materials Science	ASM International Foundation		
HS-EG-005	Charlie Palmer, Kavin Vasudevan	Finding the optimum blade angle for wind turbines	Oregon Episcopal Upper School	Bill Lamb
<i>Award:</i>	U.S. Air Force Outstanding Project	U.S. Air Force		

2006 Award Report

Intel Northwest Science Expo

HS-EG-038 Alexandra Rockoff

Design of an Electric Blanket Hypothermia-Treating Device

Columbia River High School

Pam Lehrman

Award: HM Engineering - HS

2006 Award Report

Intel Northwest Science Expo

Environmental Sciences		<i>1st, 2nd, 3rd are category place awards</i>		
<i>Exhibit #</i>	<i>Student(s)</i>	<i>Project Title</i>	<i>Organization Name</i>	<i>Sponsor</i>
HS-EV-069	Alexa Carey	Effectiveness of Strobe Lights, Sound Frequency and Lasers in Reducing Salmon Entrainment Through Hydropower Turbines	Gold Beach High School	Robyn Darbyshire
<i>Award:</i>	1st Environmental Sciences- HS			
<i>Award:</i>	Army Outstanding High School Project in Environmental Science	Army Research Office, U.S. Army		
<i>Award:</i>	Best of Fair			
<i>Award:</i>	Nomination for Best of Fair			
<i>Award:</i>	Regional ISEF Finalist			
<i>Award:</i>	Sustainable Development Award	Ricoh Corporation		
<i>Award:</i>	U.S. Regional Stockholm Junior Water Prize	Water Environment Federation		
HS-EV-008	Cole Streiff, Matt McKinney	A Simulative Study of the Exxon Valdez Oil Spill and its Detrimental Effects on Marine Organisms as Determined by the Bioluminescent Capabilities of the Dinoflagellate Pyrocystis noctiluca.	Oregon Episcopal Upper School	Rosa Hemphill
<i>Award:</i>	2nd Environmental Sciences - HS			
<i>Award:</i>	ISEF Finalist Team			
<i>Award:</i>	Nomination for Best of Fair			
HS-EV-070	Katie VanderWeele-Snyder	Removal of Arsenic From Drinking Water by Water Hyacinths(Eichhornia crassipes): Year II	Oregon Episcopal Upper School	Rosa Hemphill
<i>Award:</i>	3rd Environmental Sciences - HS			
<i>Award:</i>	ISEF Finalist Individual			
<i>Award:</i>	Nomination for Best of Fair			
<i>Award:</i>	Outstanding Aquatic Related Environmental Science Project	Lake Oswego Corporation		
<i>Award:</i>	Outstanding Geoscience Project	Association Of Women Geoscientists		
<i>Award:</i>	Sustainable Development Award	Ricoh Corporation		

2006 Award Report

Intel Northwest Science Expo

HS-EV-096	Rocko Worth	Biodiesel vs. Petroleum Diesel: A Comparative Study of Particulate Emissions and Engine Block Temperature.	Bend Science Station	David Bermudez
<i>Award:</i>	Award for Excellence in Scientific Research in Environmental Health	Oregon Environmental Health Association		
<i>Award:</i>	Naval Excellence in Science and Engineering Award	Office of Naval Research, US Navy and Marine Corps		
<i>Award:</i>	Outstanding Air Quality Project	Southwest Clean Air Agency		

HS-EV-006	Robyn Wolochow, Julia Cohen	A Fuel Comparison: Carbon Emissions and Particulate Matter	Oregon Episcopal Upper School	Rosa Hemphill
<i>Award:</i>	Outstanding Project in an Atmospheric Science Exhibit	American Meteorological Society		

2006 Award Report

Intel Northwest Science Expo

Large Team		<i>1st, 2nd, 3rd are category place awards</i>		
<i>Exhibit #</i>	<i>Student(s)</i>	<i>Project Title</i>	<i>Organization Name</i>	<i>Sponsor</i>
HS-LT-005	Stephanie Howell, Maggie McQueston, Rebecca Wald, Courtney Blinkhorn	The effects on barrier island formations on coastal inlands during a tsunami.	Oregon Episcopal Upper School	Bill Lamb

Award: 2nd Large Team - HS

2006 Award Report

Intel Northwest Science Expo

Mathematics		<i>1st, 2nd, 3rd are category place awards</i>		
<i>Exhibit #</i>	<i>Student(s)</i>	<i>Project Title</i>	<i>Organization Name</i>	<i>Sponsor</i>
HS-MA-016	Anarghya Vardhana	Novel Method of Computing Jacobi Symbols for Mersenne Numbers: Allowing for Generation of S Values for the Lucas-Lehmer Primality Test	Jesuit High School	Ananda Vardhana
<i>Award:</i>	1st Mathematics - HS			
<i>Award:</i>	Best of Fair			
<i>Award:</i>	IEEE Special Awards	IEEE Oregon		
<i>Award:</i>	Mu Alpha Theta Award	Mu Alpha Theta		
<i>Award:</i>	Nomination for Best of Fair			
<i>Award:</i>	Regional ISEF Finalist			
HS-MA-019	James Mahoney		Beaverton High School	Yi Suan Barrow
<i>Award:</i>	2nd Mathematics - HS			
<i>Award:</i>	Mu Alpha Theta Award	Mu Alpha Theta		
HS-MA-014	Michael Chen	Predicting if and when Certain Cycloids Repeat when given two circles' radii.	Merlo Station High School	Joel Laney
<i>Award:</i>	3rd Mathematics - HS			
HS-MA-021	Lauren Cox	Is Social Security Better Public or Private? The Mathematics Between Defined Benefit Pensions Versus Defined Contribution Retirement Plans	South Medford High School	Janice Alayne Cox
<i>Award:</i>	Regional ISEF Alternate			

2006 Award Report

Intel Northwest Science Expo

Medicine & Health		<i>1st, 2nd, 3rd are category place awards</i>		
<i>Exhibit #</i>	<i>Student(s)</i>	<i>Project Title</i>	<i>Organization Name</i>	<i>Sponsor</i>
HS-ME-082	Claire Glasgow	Local Medicinal Mushrooms from Southern Oregon.	Henley High School	Gitte Jensen
<i>Award:</i> 1st Medicine and Health - HS <i>Award:</i> Nomination for Best of Fair <i>Award:</i> Regional ISEF Finalist				
HS-ME-080	Fei Chen	MAM and the Development of Cerebellar Granule Cells	Merlo Station High School	Hector Morales
<i>Award:</i> 2nd Medicine and Health - HS <i>Award:</i> ISEF Finalist Individual <i>Award:</i> Nomination for Best of Fair				
HS-ME-002	Caroline Kokubun	The Induction of an SOS Response in a 3T3 MEFs WT Fibroblast Cell Line Derived from a Mouse Embryo After Periodic Treatment of Thymidine Dinucleotide (pTpT) Upon Exposure to UV-A and UV-B Irradiation.	Oregon Episcopal Upper School	Rosa Hemphill
<i>Award:</i> 3rd Medicine and Health - HS				
HS-ME-095	Michael Rutenberg Schoenberg	Possible Radioprotective Effects of N-Acetylcysteine	Wilson High School	Gary Schoenberg
<i>Award:</i> Regional ISEF Finalist				
HS-ME-037	Emma Jeffries	Mercury Release from Palladium-containing Amalgam after Bleach Exposure	Columbia River High School	Kris Skrutvold
<i>Award:</i> Regional ISEF Finalist				
HS-ME-017	Lyndsey Arnoldy, Mary Gregg	Relative Amounts of Peroxisome Activity in Chicken Livers.	Wilsonville High School	Holly Gardner
<i>Award:</i> Project Best Illustrating Surgeon General's Health Recommendations U.S. Public Health Service				
HS-ME-063	Soroush Amali, Adriana Jasso	The effect of extracellular calcium on contraction intensity in correspondence with the effect of serum electrolytes on reducing EAMC.	Southridge High School	Joel Morgan
<i>Award:</i> Nomination for Best of Fair				

2006 Award Report

Intel Northwest Science Expo

Microbiology		<i>1st, 2nd, 3rd are category place awards</i>		
<i>Exhibit #</i>	<i>Student(s)</i>	<i>Project Title</i>	<i>Organization Name</i>	<i>Sponsor</i>
HS-MI-034	Jeremy Carp	The effect of metal foils on the growth of Escherichia coli and Staphylococcus epidermidis	Oregon Episcopal Upper School	Rosa Hemphill
<i>Award:</i> 1st Microbiology - HS				
<i>Award:</i> ISEF Alternate				
<i>Award:</i> Nomination for Best of Fair				
HS-MI-006	Brian Siperstein, Arnaud Sillis, Keenan Ferar	Decreasing the Microbial Contamination of an Oak Wine Barrel by Improving the Sanitation of Brettanomyces bruxellensis Using 254nm Ultraviolet Light and a 40KHz Ultrasonic Bath	Oregon Episcopal Upper School	Rosa Hemphill
<i>Award:</i> 2nd Microbiology - HS				
<i>Award:</i> Nomination for Best of Fair				
<i>Award:</i> Regional ISEF Finalist				
HS-MI-032	Jehan Yahya	Functional Metagenomics on the Microorganisms Associated with the tropical caterpillar Rothschildia lebeau	Southridge High School	Jessica Willey
<i>Award:</i> 3rd Microbiology - HS				
<i>Award:</i> Outstanding Use of the International System of Units U.S. Metric Association				
HS-MI-054	Jessica Parries	The effects of Allium sativum and Melaleuca alternifolia on Fusobacterium necrophorum?	Estacada High School	Karen Doersam
<i>Award:</i> HM Microbiology - HS				
<i>Award:</i> Regional ISEF Finalist				
HS-MI-052	Annika Sullivan, Kristen Delwiche	Ways to Decrease Microbial Contamination on Hamburger	Grant High School	John Kilkenny
<i>Award:</i> Regional ISEF Finalist				
HS-MI-003	Paul Kruss, Sam Pritchard	Part I: Phragmidium violaceum's Effect on Blackberry Plants Seen by Number of Rust Spots on Blackberry Leaves	Oregon Episcopal Upper School	Rosa Hemphill
<i>Award:</i> HM Microbiology - HS				

2006 Award Report

Intel Northwest Science Expo

Physics		<i>1st, 2nd, 3rd are category place awards</i>		
<i>Exhibit #</i>	<i>Student(s)</i>	<i>Project Title</i>	<i>Organization Name</i>	<i>Sponsor</i>
HS-PH-094	Christian Lobo	Nanoscale Displacement Metrology of Piezoelectric Elements with Optical Fiber Interferometry	Westview High School	Mark Geren
<i>Award:</i>	1st Physics - HS			
<i>Award:</i>	ISEF Finalist Individual			
<i>Award:</i>	Nomination for Best of Fair			
HS-PH-136	Colin MacLean	Electrical Conductivity of Ball-Milled Multiwalled Carbon Nanotubes in Polyester/Styrene Resin	Oregon Episcopal Upper School	Bill Lamb
<i>Award:</i>	2nd Physics - HS			
<i>Award:</i>	Nomination for Best of Fair			
HS-PH-070	Prachi Pai	Lack of Harmonic Chord Patterns in North Indian Classical Music.	Merlo Station High School	Joel Laney
<i>Award:</i>	3rd Physics - HS			
HS-PH-125	Calvin Roberts, Caspar Kinsella	Muzzle Velocity of a Potato Cannon	Wilsonville High School	Holly Gardner
<i>Award:</i>	Regional ISEF Alternate			
HS-PH-046	Sam Baker	Titanium+Sulfuric Acid+Electricity=Color	Oregon Episcopal Upper School	Steve Decker
<i>Award:</i>	Naval Excellence in Science and Engineering Award		Office of Naval Research, US Navy and Marine Corps	
HS-PH-097	Ruby Sparks	The effect of music on the crystallization of water.	Cleveland High School	Matthew Staab
<i>Award:</i>	HM Physics - HS			
HS-PH-002	Scott Harpool	Photovoltaics: How Predictable is the Output?	Oregon Episcopal Upper School	Bill Lamb
<i>Award:</i>	HM Physics - HS			

2006 Award Report

Intel Northwest Science Expo

Space Science		<i>1st, 2nd, 3rd are category place awards</i>		
<i>Exhibit #</i>	<i>Student(s)</i>	<i>Project Title</i>	<i>Organization Name</i>	<i>Sponsor</i>
HS-SP-008	Elyse Hope	Implementing a Novel Program for Forecasting Latitude/Longitude Locations and Movement Rates of Sunspots and Active Solar Magnetic Regions: Year 3	Oregon Episcopal Upper School	Rosa Hemphill
<i>Award:</i>	1st Space Science - HS			
<i>Award:</i>	Excellence in Engineering		Society of Women Engineers	
<i>Award:</i>	Nomination for Best of Fair			
<i>Award:</i>	Regional ISEF Finalist			
HS-SP-002	Emily Petroff	Calculating Dark Matter Halos From Rotation Curves	Oregon Episcopal Upper School	Rosa Hemphill
<i>Award:</i>	2nd Space Science - HS			
<i>Award:</i>	Creative Use of Technology for Data Collection		Texas Instruments	
<i>Award:</i>	Naval Excellence in Science and Engineering Award		Office of Naval Research, US Navy and Marine Corps	
HS-SP-013	Matthew Phillips	Emission Spectrum Analysis of the Unknown Nebulae	West Salem High School	Graham Dey
<i>Award:</i>	3rd Space Science - HS			

2006 Award Report

Intel Northwest Science Expo

Zoology		<i>1st, 2nd, 3rd are category place awards</i>		
<i>Exhibit #</i>	<i>Student(s)</i>	<i>Project Title</i>	<i>Organization Name</i>	<i>Sponsor</i>
HS-ZO-002	Laurie Fletcher	The Role of Herbivores in the Pacific Northwest Intertidal Trophic Cascade	Gold Beach High School	Robyn Darbyshire
<i>Award:</i> 1st Zoology - HS				
<i>Award:</i> Army Outstanding High School Project in Life Sciences Army Research Office, U.S. Army				
<i>Award:</i> Nomination for Best of Fair				
<i>Award:</i> Regional ISEF Finalist				
HS-ZO-016	Alyssa Kershaw	Dimorphisim of an Alu instert in two populations of the Rhesus monkey, Macaca Mulata	Oregon Episcopal Upper School	Peter Langley
<i>Award:</i> 2nd Zoology - HS				
<i>Award:</i> ISEF Alternate				
<i>Award:</i> Nomination for Best of Fair				
<i>Award:</i> Regional ISEF Alternate				
HS-ZO-037	Yufei Cao	Does the Nonhuman Primate Oocyte Express Membrane Progesterone Receptors that are Necessary for Oocyte Maturation?	Liberty High School	Ramona Toth
<i>Award:</i> 3rd Zoology - HS				
<i>Award:</i> Regional ISEF Finalist				
HS-ZO-033	Jose Perez	Aphid population in fear! An investigation on the non-lethal lady beetle Coccinella septempuctata, presence on pea aphid, Acyrthosiphon pisum population growth	Westview High School	Mark Geren
<i>Award:</i> HM Zoology - HS				