

# 2006 Award Report

Intel Northwest Science Expo

Behavioral & Social 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>
<b>MS-BE-036</b>	Raissa Durand	Toxicity Effects of Everyday Chemicals on Lumbriculus Variegatus: a Cardiovascular and Behavioral Inquiry	Whitford Middle School	Susan Holveck
<i>Award:</i>	1st Behavioral and Social Science - MS		School of Professional Psychology at Pacific Univ.	
<i>Award:</i>	Discovery Channel Young Scientists Challenge Nomination			
<b>MS-BE-017</b>	Jonny Barnard	The Effect of Scent on Memory	Cathedral School	Liane Rae
<i>Award:</i>	2nd Behavioral and Social Science - MS			
<i>Award:</i>	Outstanding Research in Psychology		American Psychological Association and Teachers of	
<b>MS-BE-020</b>	Kyla Day	Will subliminal messages have an effect on a person's decision?	Cathedral School	Liane Rae
<i>Award:</i>	3rd Behavioral and Social Science - MS			
<b>MS-BE-055</b>	Ethan Swift	Pavlov for Guinea Pigs	WinterHaven Middle School	William Thompson
<i>Award:</i>	HM Behavioral and Social Sciences - MS			
<b>MS-BE-035</b>	Linda Wang, Natasha Kvavle	Weaving Under The Influence	Whitford Middle School	Susan Holveck
<i>Award:</i>	HM Behavioral and Social Sciences - MS			
<b>MS-BE-028</b>	Kaitlyn True, Aditi Pradeep	Battle of the Reflexes	Whitford Middle School	Susan Holveck
<i>Award:</i>	HM Behavioral and Social Sciences - MS			
<b>MS-BE-027</b>	Kelsea Marie Pym, Maria Rabot	Defining the Teenage Mind	Whitford Middle School	Susan Holveck
<i>Award:</i>	HM Behavioral and Social Sciences - MS			
<b>MS-BE-021</b>	Avalon Irwin	Can data presentation style affect someone's opinion?	Bridlemile Elementary School	Larry Sherman
<i>Award:</i>	HM Behavioral and Social Sciences - MS			

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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>
<b>MS-BO-038</b>	Douglas Goldstein	The Effect of Fluoridated Water on Bean Plants	West Sylvan Middle School	Jason Hieggelke
<i>Award:</i>	1st Botany - MS	Madden Industrial Craftsmen		
<b>MS-BO-023</b>	Ryoko Hamaguchi	DNA In Your Fruit and Salad	Whitford Middle School	Susan Holveck
<i>Award:</i>	2nd Botany - MS			
<b>MS-BO-003</b>	Elizabeth Uong	Which type of soil works best?	Valley Catholic Middle School	June Poling
<i>Award:</i>	3rd Botany - MS			
<b>MS-BO-042</b>	Claire Skach	Under What Conditions does Algae Produce the Most Dissolved Oxygen?	West Sylvan Middle School	Jason Hieggelke
<i>Award:</i>	HM Botany - MS			
<b>MS-BO-004</b>	Katie McAuliffe	Herbicides: Natural vs. Commercial	Valley Catholic Middle School	June Poling
<i>Award:</i>	HM Botany - MS			

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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>
<b>MS-CH-056</b>	Dashaylan Naidoo	The Illusive Escape Artist: Polytetrafluoroethylene	Rachel L. Carson Environmental Middle	Meredith Proost
<i>Award:</i>	1st Chemistry - MS	Madden Industrial Craftsmen		
<i>Award:</i>	Discovery Channel Young Scientists Challenge Nomination			
<b>MS-CH-021</b>	Vivek Raman	The Magnetic Personality of Electroplating.	Cedar Park Middle School	Curtis Semana
<i>Award:</i>	2nd Chemistry - MS			
<b>MS-CH-053</b>	Haley Stewart, Stefani Smith	Conductors of Electricity	West Sylvan Middle School	Jason Hieggelke
<i>Award:</i>	3rd Chemistry - MS			
<b>MS-CH-039</b>	Alek Louke, Rocky Louke, Tanner Brooks	Carbohydrate Combustion	Bend Science Station	David Walton Berm
<i>Award:</i>	Excellence in Statistics	American Statistical Association		
<b>MS-CH-005</b>	Alex Chau	Speed of FIRE	Valley Catholic Middle School	June Poling
<i>Award:</i>	Outstanding Project in Materials Science	ASM International Foundation		
<b>MS-CH-004</b>	Claire Lender	Cake Bake	Valley Catholic Middle School	June Poling
<i>Award:</i>	Naval Excellence in Science and Engineering Award	Office of Naval Research, US Navy and Marine Corps		
<b>MS-CH-031</b>	Cameron Cruscial	Magnetism and its Effects on Gas Milleage	Grant Community School	Daniel Jamsa
<i>Award:</i>	HM Chemistry - MS			
<b>MS-CH-029</b>	Annaliese Fernandez, Maddie Wharton	Will six different household substances become more or less dense when frozen?	Boones Ferry Primary	Margaret Boone
<i>Award:</i>	HM Chemistry - MS			
<b>MS-CH-024</b>	Ian Gulliver, Ryan Merrill	Hydrogen, The Energy of the Future?	Whitford Middle School	Susan Holveck
<i>Award:</i>	HM Chemistry - MS			

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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>
<b>MS-CO-005</b>	Yale Fan	An Implementation of the Deutsch Algorithm for Base-n Quantum Logic	Meadow Park Middle School - Summa	Toni West
<i>Award:</i>	1st Computer Science - MS		Madden Industrial Craftsmen	
<i>Award:</i>	Best of Fair			
<i>Award:</i>	Discovery Channel Young Scientists Challenge Nomination			
<i>Award:</i>	IEEE Special Awards		IEEE Oregon	
<b>MS-CO-006</b>	Andrew Tai	What is the relationship between data processing speed and the rpm of a DVD drive?	Meadow Park Middle School - Summa	Toni West
<i>Award:</i>	2nd Computer Science - MS			
<b>MS-CO-009</b>	Luke Hansen	Robot Explorers	Grant Community School	Daniel Jamsa
<i>Award:</i>	3rd Computer Science - MS			
<i>Award:</i>	IEEE Special Awards		IEEE Oregon	
<b>MS-CO-004</b>	Tracy Romero	How far does it go?	Portsmouth Middle School	Michelle York
<i>Award:</i>	HM Computer Science - MS			

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Consumer Products Testing		<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>
<b>MS-CP-041</b>	Raisa Ebner	Fueling the Fire	WinterHaven Middle School	Amanda Punton
<i>Award:</i>	1st Consumer Products Testing - MS		Madden Industrial Craftsmen	
<i>Award:</i>	Discovery Channel Young Scientists Challenge Nomination			
<i>Award:</i>	Naval Excellence in Science and Engineering Award		Office of Naval Research, US Navy and Marine Corps	
<b>MS-CP-042</b>	Emily Wells	Can You Hear Me, Now?	Wyeast Middle School	Barbara Hoikka
<i>Award:</i>	2nd Consumer Products Testing - MS			
<b>MS-CP-019</b>	Ileane OLeary	Insulation: the Heat is On	Whitford Middle School	Susan Holveck
<i>Award:</i>	3rd Consumer Products Testing - MS			
<b>MS-CP-035</b>	Vineet Pandharpurkar	Healthy Orange Juice	Rachel L. Carson Environmental Middle	Meredith Proost
<i>Award:</i>	HM Consumer Products Testing - MS			
<b>MS-CP-030</b>	Heaven Lampshire, Catherine Tennant, Nicole Davis	Wax Effects	Bend Science Station	David Walton Berm
<i>Award:</i>	HM Consumer Products Testing - MS			

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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>
<b>MS-EA-004</b>	Casey Daley	Does temperature change the growth rate of Alum Crystals?	Sabin Elementary / ACCESS Program	Alfonso Garcia
<i>Award:</i>	1st Earth Science - MS	Madden Industrial Craftsmen		
<i>Award:</i>	Discovery Channel Young Scientists Challenge Nomination			
<b>MS-EA-016</b>	Tyler Suran	Vortex	Bend Science Station	David Walton Berm
<i>Award:</i>	2nd Earth Science - MS			
<b>MS-EA-003</b>	Christina Arrington, Caroline Turina	What is the effect of the barrier material on the time it takes for water to pass through the barrier?	Sabin Elementary / ACCESS Program	Alfonso Garcia
<i>Award:</i>	3rd Earth Science - MS			
<b>MS-EA-014</b>	Sergio Plateros, Jose Coral, Daniel Rasbot	Seismographs	Grant Community School	Daniel Jamsa
<i>Award:</i>	HM Earth Science - MS			

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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>
<b>MS-EG-200</b>	Connor Pinson	Can relative humidity change the gas constant for an ideal gas?	Meadow Park Middle School - Summa	Toni West
<i>Award:</i>	1st Engineering - MS	Madden Industrial Craftsmen		
<i>Award:</i>	Discovery Channel Young Scientists Challenge Nomination			
<b>MS-EG-039</b>	Joshua Dreyzen, Mark Mihalik	The Effects of Modifications to a Waterwheel's Design	Whitford Middle School	Susan Holveck
<i>Award:</i>	2nd Engineering - MS			
<i>Award:</i>	Discovery Channel Young Scientists Challenge Nomination			
<b>MS-EG-032</b>	Tulsee Doshi	Will heat sinkks extend the battery's life?	Meadow Park Middle School - Summa	Toni West
<i>Award:</i>	3rd Engineering - MS			
<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>	Outstanding Creativity In Engineering	Society of Women Engineers		

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<b>MS-EG-045</b>	Justin Cheng	Distance Sensing, Infrared or Ultrasonic? an experiment with BASIC Stamp Microcontroller	Conestoga Middle School	Luo Cheng
<i>Award:</i>	HM Engineering - MS			
<i>Award:</i>	Outstanding Project in Optical Science and Engineering	SPIE-The International Society for Optical Enginee		
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<b>MS-EG-035</b>	Kenya Reutin, Brandon Andersen, Nathan Bennett	Airbob Fanpants	Highland Park Middle School	Karen Nelson
<i>Award:</i>	Outstanding Use of the International System of Units	U.S. Metric Association		
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<b>MS-EG-033</b>	Brinda Gokul	Internet Phones vs. Traditional Landlines	Valley Catholic Middle School	June Poling
<i>Award:</i>	IEEE Special Awards	IEEE Oregon		
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<b>MS-EG-031</b>	Hyeon Su Gim	What shape of levees are the stronges in preparing for the next hurricane in New Orleans?	Meadow Park Middle School - Summa	Toni West
<i>Award:</i>	NOAA's Taking the Pulse of the Planet	National Oceanic and Atmospheric Administration		
<hr/>				
<b>MS-EG-021</b>	Preston Atree	Title: Robotic Claws: A Helping Hand for the Future	Whitford Middle School	Susan Holveck
<i>Award:</i>	Herbert Hoover Young Engineer Award	Herbert Hoover Presidential Library Association		
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<b>MS-EG-012</b>	Kelsey Schroder	(Not So) Intelligent machine project	Riverdale Grade School	Jill Leve
<i>Award:</i>	Excellence in Engineering	Society of Women Engineers		
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<b>MS-EG-049</b>	Nathan Braschayko	Do Corked Bats Deliever	Lake Oswego Junior High	Greg Mylet
<i>Award:</i>	HM Engineering - MS			
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<b>MS-EG-011</b>	Arushi Raghuvanshi	Robot Maneuverability	Valley Catholic Middle School	June Poling
<i>Award:</i>	HM Engineering - MS			

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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>
<b>MS-EV-026</b>	Kalia Bistolas	Using Natural Filters To Screen Out Nonpoint Source Pollutants	Athey Creek Middle School	Chris Bistolas
<i>Award:</i>	1st Environmental Sciences - MS		Oregon Science Teachers Association	
<i>Award:</i>	Discovery Channel Young Scientists Challenge Nomination			
<i>Award:</i>	Naval Excellence in Science and Engineering Award		Office of Naval Research, US Navy and Marine Corps	
<i>Award:</i>	Outstanding Project in Water Quality		U.S. Geological Survey	
<b>MS-EV-035</b>	Amy Jamsa, Madison Stadel	Looking for the Source of Arsenic	Grant Community School	Daniel Jamsa
<i>Award:</i>	2nd Environmental Sciences - MS			
<i>Award:</i>	Discovery Channel Young Scientists Challenge Nomination			
<i>Award:</i>	Outstanding Project in Water Quality		U.S. Geological Survey	
<b>MS-EV-017</b>	Lars Paulson, Nathan Lazaroff	The effects of fertilizer on nitrate concentrations in groundwater and streams	Inavale School	Marta Torres
<i>Award:</i>	3rd Environmental Sciences - MS			
<i>Award:</i>	Outstanding Science Project About Forests		Pacific NW Research Station, USDA Forest Service	
<b>MS-EV-050</b>	Zachary Motto	Polluted Rivers	Rachel L. Carson Environmental Middle	Meredith Proost
<i>Award:</i>	Outstanding Aquatic Related Environmental Science Project		Lake Oswego Corporation	
<b>MS-EV-040</b>	Alejandra Guerrero	Acid Rain	Grant Community School	Daniel Jamsa
<i>Award:</i>	Outstanding Air Quality Project		Southwest Clean Air Agency	
<i>Award:</i>	Outstanding Project in an Atmospheric Science Exhibit		American Meteorological Society	
<b>MS-EV-021</b>	Jordan Cuyler	Will Microbes decompose the most oil from saltwater or freshwater? What type of sand (fine, course, or rock) can microbes decompose the most oil from?	Cathedral School	Liane Rae
<i>Award:</i>	Outstanding Geoscience Project		Association Of Women Geoscientists	
<b>MS-EV-025</b>	Anna Rischitelli	Does calcium magnesium acetate affect moss?	Bridlemile Elementary School	Larry Sherman
<i>Award:</i>	HM Environmental Sciences - MS			

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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>
<b>MS-LT-027</b>	Lavanya Sridharan, Meghana Kalavar, Nandita Kumar, Roopa Ramanujam	Engineering a Robot for LEGO Robotics Competition	Girl Scouts - Col. River Council	Sri Varadharajan
<i>Award:</i>	1st Large Team - MS	Carolina Biological Supply		
<i>Award:</i>	IEEE Special Awards	IEEE Oregon		
<b>MS-LT-025</b>	William Han, Dan Li, Matt Swigart, Ryan Sinit, Leyang Shi, Ramsey Kant	Robots: Their design, function, performance, and reliability	Stoller Middle School	Yiqing Zhou
<i>Award:</i>	2nd Large Team - MS			
<b>MS-LT-034</b>	Rohisha Adke, Kiera Degener-OBrien, Sierra Kerns-Funk, Anisha Adke, Kelsey MacKenzie	Engineering and Programming a Lego Robot For Precise Locomotion, Navigation and Object Manipulation	Girl Scouts - Col. River Council	Tamara DePue
<i>Award:</i>	3rd Large Team - MS			
<b>MS-LT-029</b>	Archana Sriram, Amy Tang, Ronald Crites, Rona Choo	Comparing and Constrasting Photosynthesis and Respiration in Aquatic Plants of Balch and Cedar Mill Creek	Meadow Park Middle School - Summa	Tiffany Tran-Parta
<i>Award:</i>	HM Large Team - MS			

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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>
<b>MS-MA-003</b>	Aishwarya Vardhana	In Quest of the Platonic Solids in the Fourth Dimension and Beyond	Valley Catholic Middle School	June Poling
<i>Award:</i>	1st Mathematics - MS		AREVA	
<i>Award:</i>	Discovery Channel Young Scientists Challenge Nomination			
<i>Award:</i>	Outstanding Project by a 5th or 6th Grade Student		Pacific NW Society for Coating Technology	
<b>MS-MA-011</b>	Kirben Smoody	Tile Enumeration leads to discovery of Fermat's Little Theorem	Village Home	Rik Smoody
<i>Award:</i>	2nd Mathematics - MS			
<b>MS-MA-009</b>	Sanjana Mahesh	Scoring in Soccer	Girl Scouts - Col. River Council	Tamara DePue
<i>Award:</i>	3rd Mathematics - MS			
<b>MS-MA-004</b>	Michael Buzinover, Benjamin Dreyzen, Seena Maleki	Mathematical Music	Whitford Middle School	Susan Holveck
<i>Award:</i>	Discovery Channel Young Scientists Challenge Nomination			
<i>Award:</i>	HM Mathematics - MS			
<b>MS-MA-006</b>	Howard Chung	Calculating Pi: An Analysis of Various Types of Algorithms	Whitford Middle School	Susan Holveck
<i>Award:</i>	HM Mathematics - MS			

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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>
<b>MS-ME-040</b>	Nathan Hinkle	That blood sugar is WAY off: The effect of blood glucose level on glucose meter accuracy.	Hosford Middle School	Jane VanDam
<i>Award:</i>	1st Medicine and Health - MS	Madden Industrial Craftsmen		
<i>Award:</i>	Discovery Channel Young Scientists Challenge Nomination			
<i>Award:</i>	Excellence in Statistics	American Statistical Association		
<b>MS-ME-022</b>	Nicolas Lanker	Silencing your memory?	Bridlemile Elementary School	Larry Sherman
<i>Award:</i>	2nd Medicine and Health - MS			
<i>Award:</i>	Excellence in Statistics	American Statistical Association		
<b>MS-ME-007</b>	Sage Wagner	Does a salve made from lavender, prunella, calendula, and rosehips, plants which have antibacterial properties, actually work to prevent the growth of bacteria?	WinterHaven Middle School	Wendy Archibald
<i>Award:</i>	3rd Medicine and Health - MS			
<b>MS-ME-013</b>	Hussein Abu-Hamdeh	Do smokers have a smaller lung capacity than non-smokers?	Islamic School-Muslim Ed. Trust	Shayma Shaheen
<i>Award:</i>	HM Medicine and Health - MS			
<i>Award:</i>	Project Best Illustrating Surgeon General's Health Recommendations	U.S. Public Health Service		
<i>Award:</i>	Studies in Aging	Oregon Geriatric Education Center		
<b>MS-ME-008</b>	Catherine Redmond	Trash the Ash and Never Look Back	St. Albert Catholic Science Club	Nadia Redmond
<i>Award:</i>	HM Medicine and Health - MS			
<b>MS-ME-002</b>	Kelsey Madden	Affect of Gender on Long-term Memory	Valley Catholic Middle School	June Poling
<i>Award:</i>	HM Medicine and Health - MS			

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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>
<b>MS-MI-022</b>	Ashwin Malynur	Tumeric's Antiseptic Properties	Rachel L. Carson Environmental Middle	Meredith Proost
<i>Award:</i>	1st Microbiology - MS	Madden Industrial Craftsmen		
<i>Award:</i>	Best of Fair			
<i>Award:</i>	Discovery Channel Young Scientists Challenge Nomination			
<b>MS-MI-019</b>	Nishant Karandikar, Jackson Poulos	Bacteria vs. Disinfectant	Whitford Middle School	Susan Holveck
<i>Award:</i>	2nd Microbiology - MS			
<b>MS-MI-018</b>	Maithri Sarangam, Sheetal Krishnakumar, Nevedha Rajan	Sanitation Nation	Girl Scouts - Col. River Council	Tamara DePue
<i>Award:</i>	3rd Microbiology - MS			
<b>MS-MI-027</b>	Sam Parker	Testing the effect of the presence of microbes in the soil of grass.	WinterHaven Middle School	Wendy Archibald
<i>Award:</i>	HM Microbiology - MS			
<b>MS-MI-021</b>	Tejaswini Reddy	Microorganisms	Rachel L. Carson Environmental Middle	Meredith Proost
<i>Award:</i>	HM Microbiology - MS			
<b>MS-MI-008</b>	Annika Mellies, Rosa Smith	Moldy Cheese, Yes Please!	Sabin Elementary / ACCESS Program	Alfonso Garcia
<i>Award:</i>	HM Microbiology - MS			

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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>
<b>MS-PH-079</b>	Alex Russell-Falla	Why Fi?	WinterHaven Middle School	Wendy Archibald
<i>Award:</i>	1st Physics - MS		Madden Industrial Craftsmen	
<i>Award:</i>	Discovery Channel Young Scientists Challenge Nomination			
<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	
<b>MS-PH-078</b>	Johnny Ragin	How does wattage converted to heat energy correlate to time needed to cook hot dogs?	Boones Ferry Primary	Margaret Boone
<i>Award:</i>	2nd Physics - MS			
<i>Award:</i>	Discovery Channel Young Scientists Challenge Nomination			
<b>MS-PH-085</b>	Adria Dortignacq	Indices of Refraction in Different Gelatin Samples	West Sylvan Middle School	Jason Hiegelke
<i>Award:</i>	3rd Physics - MS			

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<b>MS-PH-098</b>	Davood Alavi	Battery Powered Magnet	West Sylvan Middle School	Jason Hieggelke
<i>Award:</i>	HM Physics - MS			
<b>MS-PH-094</b>	Leah Thompson, Zoe Jacobs	HOW DOES TEMPERATURE AFFECT THE STRENGTH OF DIFFERENT MAGNETS AND THEIR MAGNETIC FIELDS?	Arbor School	jane lindquist
<i>Award:</i>	HM Physics - MS			
<b>MS-PH-093</b>	Daniel Douvris	Newton's Gumball Machine	Patterson Elemetary School	Peter Douvris
<i>Award:</i>	HM Physics - MS			
<b>MS-PH-082</b>	Christopher Ball	How High Will the Rocket Fly?	WinterHaven Middle School	William Thompson
<i>Award:</i>	HM Physics - MS			
<b>MS-PH-065</b>	Michael Widmer, Connor Bohan	Terminal Velocity	Highland Park Middle School	Karen Nelson
<i>Award:</i>	HM Physics - MS			
<b>MS-PH-058</b>	Maya Kominz	Which type of metal used to transmit sound creates the largest sound?	Meadow Park Middle School - Summa	Toni West
<i>Award:</i>	HM Physics - MS			
<b>MS-PH-053</b>	Jeff Wells	How do changes in voltage and amperage affect the strenght of an electromagnetic field, and how do they compare?	Lake Oswego Junior High	Greg Mylet
<i>Award:</i>	HM Physics - MS			
<b>MS-PH-048</b>	Sarah Miller, Teah Williams, April Hersh	Sky High	Leslie Middle School	Michael Rockow
<i>Award:</i>	HM Physics - MS			
<b>MS-PH-038</b>	Brandon Carlson, Matias Anaya	Caution! Gravity change ahead!	Whitford Middle School	Susan Holveck
<i>Award:</i>	HM Physics - MS			

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Zoology		<i>1st, 2nd, 3rd are category place awards</i>		
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<b>MS-ZO-007</b>	Sebastian Scofield	Food Preferences of Aphaenogaster Occidentalis	St. Albert Catholic Science Club	Nadia Redmond
<i>Award:</i>	1st Zoology - MS	Madden Industrial Craftsmen		
<i>Award:</i>	Discovery Channel Young Scientists Challenge Nomination			
<b>MS-ZO-030</b>	Bryana Bittner	Hermit Crabs	Sweet Home Junior High School	Michelle Clarno
<i>Award:</i>	2nd Zoology - MS			
<b>MS-ZO-025</b>	Betony Meszaros	Diet of Mytilus californianus (California mussel)and changes with water temperature	Riley Creek Middle School	Cindy Myers
<i>Award:</i>	3rd Zoology - MS			
<b>MS-ZO-021</b>	Jose Mendoza	Frogs and Respiration	Grant Community School	Daniel Jamsa
<i>Award:</i>	HM Zoology - MS			