

**2010 South Sound Regional Science Fair
High School Specialty Awards**

Award	Project Title	Name	GR	School	District
AAUW Outstanding Research	Portable Light Trap for Sampling Brachyuran Crab Larvae	Heather Eberhart	12th	Bellarmino Prep	Private
American Psychological Association Certificate of Award	Operant Conditioning in Household Pets: Which Household Animal Learns The Fastest	Roselise Sullivan-Barrett	9th	Wilson HS	Tacoma
AMS Certificate of Outstanding Achievement	Effects of Beggiatoa Bacterial Mats on Ruston Way Water Quality Through the Use of Benthic Flux Chambers	David Beezer	12th	Bellarmino Prep	Private
AMS Certificate of Outstanding Achievement	Refreezing the Polar Ice Caps	J.D. Nelson	9th	Wilson HS	Tacoma
ASM Certificate of Recognition	A study in the effects of blunt force trauma in bullet impact.	Ryan Worrell	9th	Wilson HS	Tacoma
AWG Student Award for Geoscience Excellence	Are They in Hot Water? Using Compost to Heat Water and Insulating Compost	Sela Neils	9th	Wilson HS	Tacoma
Mu Alpha Theta Award	Do You Like Pi? An Examine Of Dropping Needles On Lines To See How Many Hit And The Effects Of Replacing The Needle With An Equilateral Triangle	Abigail Richardson	9th	Wilson HS	Tacoma
NEED Energy in Action	How does salt help to make fuel: Catalysts Effect on Hydrogen Production	Sheehan Smith	9th	Wilson HS	Tacoma
NOAA's 2009 Taking the Pulse of the Planet Award	Under the Sea: Testing the Effect of Blades on a Turbine on the Production of Volts	Hannah Cheney	9th	Wilson HS	Tacoma
NSPE Innovative Engineering Award	Design and Development of a Portable Light Trap for Sampling Brachyuran Crab Larvae	Heather Eberhart	12th	Bellarmino Prep	Private
Office of Naval Research Naval Science Award	From the Washing Machine to the Fish Tank: Filtering Greywater	Abigail McDougall	9th	Wilson HS	Tacoma
Office of Naval Research Naval Science Award	Springing Into Action	Sierra Espinal	9th	Bonney Lake HS	Sumner
Office of Naval Research Naval Science Award	We Live In An Electrostatic World: Harnessing Static Electricity As An Energy And Creating Voltage	Stephanie Devenny	9th	Wilson HS	Tacoma
Possibility Realized Award	Coronary Artery Disease in Women: An Analysis of its Risk Factors and General Population Awareness	Preeti Prakash	11th	Curtis HS	University Place

**2010 South Sound Regional Science Fair
High School Specialty Awards (Continued)**

Award	Project Title	Name	GR	School	District
Possibility Realized Award	Design and Development of a Portable Light Trap for Sampling Brachyuran Crab Larvae	Heather Eberhart	12th	Bellarmino Prep	Private
Safety First Award	Operant Conditioning in Household Pets: Which Household Animal Learns The Fastest	Roselise Sullivan-Barrett	9th	Wilson HS	Tacoma
Stockholm Junior Water Prize	Can You Breathe Without Oxygen? Testing the Effects of the Presence of a Bridge on the Mixing of Water in a Canal Setting	Josiah MacDonald	9th	Wilson HS	Tacoma
Stockholm Junior Water Prize	Playing In The Mud? A Look at Eco-Friendly Ways to Clean Up Industrial Waste From Bay Mud	Anna Grudzien	9th	Wilson HS	Tacoma
Stockholm Junior Water Prize	Secrets of the Shingles: An Examination of the Effects of Different Shingles	Jacob Carrillo	9th	Wilson HS	Tacoma
The 2009 Regional Ricoh Sustainable Development Award	Design and Construction of a solar Powered Self Operating Composter	Ashwin Karnik	12th	Bellarmino Prep	Private
US Air Force Certificate of Achievement	The Effects of an Airfoil on Lift	Jackson Dixon Galbreath	12th	Lakes HS	Clover Park
US Air Force Certificate of Achievement	Better Protection Armor Project	Slater Heath	9th	Wilson HS	Tacoma
US Air Force Certificate of Achievement	How does salt help to make fuel: Catalysts Effect on Hydrogen Production	Sheehan Smith	9th	Wilson HS	Tacoma
US Air Force Certificate of Achievement	You Spin Me Right Round: The Effects of Different Wind Angles on a Wind Turbine	Hannah Fulwiler	9th	Wilson HS	Tacoma
US Army Certificate of Achievement - Engineering	Better Protection Armor Project	Slater Heath	9th	Wilson HS	Tacoma
US Army Certificate of Achievement - Environment	Water Purification: The Best System to Get Your Water Purified In an Emergency	Seanna Collins	9th	Wilson HS	Tacoma
US Army Certificate of Achievement - Life Sciences	Pop will make you drop! Checking Bones for Density Loss by pop Products.	Allyson Porter	9th	Wilson HS	Tacoma
US Army Certificate of Achievement - Math	Flashlight for firefighters. The penetration of different colored lights through smoke.	Alex Worland	9th	Wilson HS	Tacoma
US Army Certificate of Achievement - Physical Sciences	Nature's Antibiotics: The Effects of Natural vs. Pharmaceutical Antibiotics on Bacteria	Julie Van	9th	Wilson HS	Tacoma
US Metric System Award	Nature's Toxins: The Effects of Allelopathic Oils in Black Oil Sunflower Seed Shells on Living Organisms	Nicholas Dillon	9th	Wilson HS	Tacoma