

**2015 South Sound Regional Science Fair
High School Specialty Awards**

Award	Project Title	Name	GR	School	District
American Meteorological Society-Outstanding Achievement	Electrostatic Energy Harvesting	Eric Braun	12th	W.F. West High School	Chehalis
	The Secrets of Long Jump	Justin Wendling	12th	W.F. West High School	Chehalis
American Psychological Association-Certificate of Award	The Effects of Viewpoint on Cueing on Object Recognition Speed	Kiana Lindsay	12th	Bellarmino Preparatory School	Private
Association for Women Geoscientists-AWG Certificate	Takeout CO2: Measuring Emissions from Incinerating Takeout Containers	Annika Cederstrand	10th	Annie Wright Schools	Independent
		Elle Hansen	10th	Annie Wright Schools	Independent
Department of Commerce NOAA-Taking the Pulse of the Planet	Polluted rain water vs. mortality/fecundity rate	Trenton Julich	9th	Wilson High School	Tacoma
Safety First!	MyGlove: Assisting Hand Movements, Grip and Tremor Detection	Surabhi Mundada	10th	Olympia High School	Olympia
	States the affects of substrates on algae growth	Khang Huynh	9th	Wilson High School	Tacoma
	A Novel Biotechnological approach to Isolate and Identify bacteria in soil that degrades polyethylene	Rakshith Mullukatte	9th	Olympia High School	Olympia
Innovative Science Award	Comparative analysis of Bacteriophages, natural antibacterials and pharmaceutical agents	Anjali Vasisht	10th	Olympia High School	Olympia
	Determining in vitro the Effectiveness of Combination Small-Molecular Target Therapy in CRC	Daniel Burke	11th	Lakes High School	Clover Park
	Optimal Speed of Turntable Motor in Microwave	Jeonghyeon Kim	12th	W.F. West High School	Chehalis
Holst Family-Honorable Award	MyGlove: Assisting Hand Movements, Grip and Tremor Detection	Surabhi Mundada	10th	Olympia High School	Olympia
	Developing a Lung Cancer Pre-Screening Model to Lower Lung Cancer Mortality Rates	Aditi Kumar	9th	Timberline High School	North Thurston
	Designing a non-invasive method for measuring glycemic concentrations using surface conductivity	Vineethsubbu Somasundaram	9th	Olympia High School	Olympia
Intel-Excellence in Computer Science	MyGlove: Assisting Hand Movements, Grip and Tremor Detection	Surabhi Mundada	10th	Olympia High School	Olympia

2015 South Sound Regional Science Fair

High School Specialty Awards (Continued)

Award	Project Title	Name	GR	School	District
Intel-Science Talent Search	Refraction of light	Sylvia Ndungu	11th	Clover Park High School	Clover Park
		Julie Waruguru	11th		
	Getting Your Hands Dirty: A Study of Personal Hygiene and Germ Transmission	Cecilia Black	11th	Annie Wright Schools	Independent
		Soojin An	11th	Annie Wright Schools	Independent
	The Effect of Optical Lenses on Light Intensity	Amber Beck	11th	Harrison Preparatory	Clover Park
	Determining in vitro the Effectiveness of Combination Small-Molecular Target Therapy in CRC	Daniel Burke	11th	Lakes High School	Clover Park
	Expanding gases	Kyanna Byrd	11th	Clover Park High School	Clover Park
		Alexander Young	11th		Clover Park
	Car Buddy	Deepak Ganesh	11th	Olympia High School	Olympia
	NapX-Safety Alert Mobile Application To Detect Drowsy Drivers	Mehar Nallamalli	11th	Capital High School	Olympia
	Sleep and Your Short Term Memory	Zoe Nelson	11th	Harrison Prep	Clover Park
	Dyed Flowers	Paola Ramos-Granillo	11th	Clover Park High School	Clover Park
		Banesa Ramos-Lamas	11th		
	Washing Hands: What is the Most Effective Soap?	Myung Joo Song	11th	Annie Wright Schools	Independent
Antibacterial Activity of Herbal Extracts on Ampicillin Resistant Escherichia coli	Liam Stevens-Holeman	11th	Bonney Lake High School	Sumner	
	Sarah Strickler	11th			
Arizona State University-ASU Walton Sustainability Solutions Initiatives	The Effect of Increasing the Moisture Content, Number of Tumbler Rotations, and Amount of Carbon on	Elise Kleine	12th	Bellarmine Preparatory School	Private
		Adrianna Parent	12th		
Mu Alpha Theta Award	What kind of password is strongest?	John Campbell	9th	Lakes High School	Clover Park
Pacific Lutheran University and American Chemistry Society-PLU Chemistry Department Award	Designing a non-invasive method for measuring glycemic concentrations using surface conductivity	Vineethsubbu Somasundaram	9th	Olympia High School	Olympia

2015 South Sound Regional Science Fair

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Pierce College-Reach for the Stars	The Physics of Baseball	JT Yarter	12th	W.F. West High School	Chehalis
Ralph Morasch-Notebook Neatness	Bioinformatics in Alzheimer's Disease Research:Case Study of a Key Pharmacological target In Silico	Kartik Anand Iyer	10th	Interlake High School	Bellevue
		Nitya Krishna Kumar	10th	Olympia High School	Olympia
		Veenadhari Kollipara	9th	International Community School	Private
	MyGlove: Assisting Hand Movements, Grip and Tremor Detection	Surabhi Mundada	10th	Olympia High School	Olympia
	Worming Around	Joshua Adamson	9th	Washington High School	Franklin Pierce
		Ariyanna Pyles	9th	Washington High School	Franklin Pierce
Ricoh Americas Corporation-Ricoh Sustainable Development Award	Takeout CO2: Measuring Emissions from Incinerating Takeout Containers	Annika Cederstrand	10th	Annie Wright Schools	Independent
		Elle Hansen	10th	Annie Wright Schools	Independent
Society for In Vitro Biology-Certificate of Outstanding Achievement	Determining in vitro the Effectiveness of Combination Small-Molecular Target Therapy in CRC	Daniel Burke	11th	Lakes High School	Clover Park
Stockholm Junior Water Prize-Regional Water Prize Award	Polycyclic Aromatic Hydrocarbon Uptake into Blue Mussel (Mytilus Edulis) Tissue From Derelict Pili	Margaret Gardner	12th	Bellarmine Preparatory School	Private
		Julianne Werner	12th		
	A Spatial Analysis of the Composition and Grain Size of Sediment in Great Lameshur Bay, St. John,	Austin Hirsh	12th	Bellarmine Preparatory School	Private
	The Effect of Arthrospira Platensis on Iron Levels of Water	Moselle Haney	9th	Wilson High School	Tacoma
	the effects of gum on rainwater bacteria levels	Katelynn Lohrey	9th	Wilson High School	Tacoma
US Public Health Service, Surgeon General-Certificate of Appreciation	The Effects of Sanitizers on Bacterial Removal from a Cutting Board	Claire Tollan	9th	Wilson High School	Tacoma
US Metric Association-Award	Compost vs. Fertilizer	Vlad Lala	9th	Wilson High School	Tacoma
Yale Science and Engineering-Most Outstanding 11th Grade Exhibit	NapX-Safety Alert Mobile Application To Detect Drowsy Drivers	Mehar Nallamalli	11th	Capital High School	Olympia

2015 South Sound Regional Science Fair

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Award	Project Title	Name	GR	School	District
Office of Naval Research-Naval Science Award, Senior Participants	MyGlove: Assisting Hand Movements, Grip and Tremor Detection	Surabhi Mundada	10th	Olympia High School	Olympia
	Comparative analysis of Bacteriophages, natural antibacterials and pharmaceutical agents	Anjali Vasisht	10th	Olympia High School	Olympia
	Car Buddy	Deepak Ganesh	11th	Olympia High School	Olympia
	A Novel Biotechnological approach to Isolate and Identify bacteria in soil that degrades polyethylene	Rakshith Mullukatte	9th	Olympia High School	Olympia
US Air Force-Certificate of Achievement	MyGlove: Assisting Hand Movements, Grip and Tremor Detection	Surabhi Mundada	10th	Olympia High School	Olympia
	Comparative analysis of Bacteriophages, natural antibacterials and pharmaceutical agents	Anjali Vasisht	10th	Olympia High School	Olympia
	Change Blindness Blindness: Our Inability to See What We See	Janice Fang	12th	Annie Wright Schools	Independent
	A Spatial Analysis of the Composition and Grain Size of Sediment in Great Lameshur Bay, St. John,	Austin Hirsh	12th	Bellarmino Preparatory School	Private
	Stand-Alone Fertilizers Effect on Grass Biomass	Lena Coates-White	9th	Wilson High School	Tacoma
	Is Copper an Efficient Catalyst for the Production of Hydrogen Gas?	Hyunjoo Ji	9th	Annie Wright Schools	Independent
	The Salinity Effect on Plant Growth of Grass	Tran Nguyen	9th	Wilson High School	Tacoma
	Designing a non-invasive method for measuring glycemic concentrations using surface conductivity	Vineethsubbu Somasundaram	9th	Olympia High School	Olympia
Weyerhaeuser Timberlands Research-Environmental Research Award	Effect of Polarized Light on Plant Growth	Aurora Hake	10th	Annie Wright Schools	Independent
	The Affect of the Presence of Plants on the Amount of Insecticide in Water Environments	Carolyn Biddle	9th	Wilson High School	Tacoma