

## 2013 South Sound Regional Science Fair

### High School Specialty Awards

Award	Project Title	Name	GR	School	District
American Psychological Association	The effect of aromas on simple physical endurance task	Tali Haller	11th	Olympia High School	Olympia
ASM Materials Education Foundation	What is the effect of varying materials on the amount of water absorbed and the time it takes to evaporate?	Hannah Jolibois	10th	Harrison Preparatory School	Clover Park
Association for Women Geoscientists	Lead In The Water! The Lead Leeching of Fishing Sinkers in Aquatic Environments	Tessa Thurman	11th	Annie Wright Schools	PNAIS
Department of Commerce NOAA - Taking the Pulse of the Planet	Effects of Arsenic on Puget Sound's Marine Life	Colton Kray	11th	Lakes High School	Clover Park
Best projects overall of Army award recipient	Better Electricity: Putting Turbines in Sewers	Daniel MacDonald	9th	Wilson High School	Tacoma
	Better Electricity: Putting Turbines in Sewers	Daniel MacDonald	9th	Wilson High School	Tacoma
Department of the Army - Best Projects	Comparing the Sound Fidelity of Different Sound Compression Methods	Sampath Duddu	11th	Capital High School	Olympia
	Electric Heat	Hannah Ott	12th	Lakes High School	Clover Park
	The Effect of Cooking Methods and Time on the Amount of Iron in Spinach	Rachel Newkirk	10th	Lakes High School	Clover Park
	What is the effect of varying materials on the amount of water absorbed and the time it takes to evaporate?	Hannah Jolibois	10th	Harrison Preparatory School	Clover Park

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### High School Specialty Awards (Continued)

Award	Project Title	Name	GR	School	District
Department of the Army - Certificates	A Comparative Analysis of Bighorn Sheep ( <i>Ovis aries</i> ) and Domestic Sheep ( <i>Ovis canadensis</i> ) Blood Leukocytes	Sean McGranaghan	10th	Sumner High School	Sumner
		Colin Wakefield	10th	Sumner High School	Sumner
	Icing On Top	Samantha Ward	10th	Sumner High School	Sumner
	Effects of Arsenic on Puget Sound's Marine Life	Colton Kray	11th	Lakes High School	Clover Park
	Lead In The Water! The Lead Leeching of Fishing Sinkers in Aquatic Environments	Tessa Thurman	11th	Annie Wright Schools	PNAIS
	Next Generation Robot	Deepak Ganesh	9th	Olympia High School	Olympia
	Comparison Of Commercial Fertilizer	Jamie Graham	9th	Life Christian Academy	Private
	Operating System Performance	Idean Labib	9th	Olympia High School	Olympia
		Saba Noorassa	9th	Olympia High School	Olympia
	Typing or Wiping: The effect of alcohol wipes on the presence of bacteria on a computer keyboard	Jalani Thompson	9th	Wilson High School	Tacoma
Safety First!	Strange Addiction: The Effect of the Presence of a Cell Phone on Memory and Test Scores	Jaeda Ballard	10th	Wilson High School	Tacoma
		Keegan Jayme	12th	Clover Park High School	Clover Park
	The Music Effect	Mikaela Jimenez	12th	Clover Park High School	Clover Park
		Male Versus Female: Prevalence of Autism Spectrum Disorder Symptoms By Gender	Elise Wilson	11th	Sumner High School
Innovative Science Award	Comparing the Sound Fidelity of Different Sound Compression Methods	Sampath Duddu	11th	Capital High School	Olympia
	Typing or Wiping: The effect of alcohol wipes on the presence of bacteria on a computer keyboard	Jalani Thompson	9th	Wilson High School	Tacoma
Next Generation Robot		Deepak Ganesh	9th	Olympia High School	Olympia
Surgeon General's Certificate of Appreciation					

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### High School Specialty Awards (Continued)

Award	Project Title	Name	GR	School	District
NEED National Energy Education Development	xAlert:Safety Alert System for Mobile Devices	Mehar Nallamalli	9th	Capital High School	Olympia
National Society of Professional Engineers	Next Generation Robot	Deepak Ganesh	9th	Olympia High School	Olympia
Office of Naval Research	Investigation of Anisotropic Neutron Radiation from a Farnsworth IEC Fusion Reactor	Rian Chandra	12th	Capital High School	Olympia
		Jake Hecla	12th	Aviation High School	Highline
		Ray Maung	12th	Kentwood High School	Kent
PLU Chemistry Department Award	The Effect of Type of Liquid on the Liquid's Electrical Conductivity	Zoe Nelson	9th	Harrison Preparatory School	Clover Park
Pierce College - Reach for the Stars	Investigation of Anisotropic Neutron Radiation from a Farnsworth IEC Fusion Reactor	Rian Chandra	12th	Capital High School	Olympia
		Jake Hecla	12th	Aviation High School	Highline
		Ray Maung	12th	Kentwood High School	Kent
Notebook Neatness	The Learning Curve	Madison Addington (6th)	10th	Sunrise Beach School	Private
		Carter Whipple	10th	Sunrise Beach School	Private
	Aerated Vs. Static Composting	Amanda Hooser	11th	Sumner High School	Sumner
		Kaitlin Tighe	11th	Sumner High School	Sumner
	Lead In The Water! The Lead Leeching of Fishing Sinkers in Aquatic Environments	Tessa Thurman	11th	Annie Wright Schools	PNAIS
	xAlert:Safety Alert System for Mobile Devices	Mehar Nallamalli	9th	Capital High School	Olympia
Ricoh Sustainable Development Award	Committing Herbicide: Simulating Weed Control Using Allelopathic Impomea batas on Radish Germination and Growth	Alex Gayvoronski	9th	Wilson High School	Tacoma
Society for In Vitro Biology	Male Versus Female: Prevalence of Autism Spectrum Disorder Symptoms By Gender	Elise Wilson	11th	Sumner High School	Sumner

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### High School Specialty Awards (Continued)

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Stockholm Junior Water Prize	Effects of Arsenic on Puget Sound's Marine Life	Colton Kray	11th	Lakes High School	Clover Park
	Lead In The Water! The Lead Leeching of Fishing Sinkers in Aquatic Environments	Tessa Thurman	11th	Annie Wright Schools	PNAIS
	Got Gas: The affect of boat exhaust on marine life	Ephraim Lohrey	9th	Wilson High School	Tacoma
US Air Force	Configuring a biplane airfoil for practical application and sonic boom reduction in subsonic to supersonic flow through performance optimization	Sumukh Bharadwaj	12th	Capital High School	Olympia
	Identifying Biomarkers That Predict the Onset of Gestational Diabetes Mellitus	Alexis Harroun	12th	Bellarmine Preparatory School	Private
	Did you get that?: Possible Relationships Between Permutation and Diagnosing Illnesses	Katherine Richardson	9th	Wilson High School	Tacoma
	xAlert:Safety Alert System for Mobile Devices	Mehar Nallamalli	9th	Capital High School	Olympia
US Metric Association	Configuring a biplane airfoil for practical application and sonic boom reduction in subsonic to supersonic flow through performance optimization	Sumukh Bharadwaj	12th	Capital High School	Olympia
Yale Science and Engineering - Most Outstanding 11th Grade Exhibit	Effects of Arsenic on Puget Sound's Marine Life	Colton Kray	11th	Lakes High School	Clover Park
FabLab Tacoma Specialty Award	Configuring a biplane airfoil for practical application and sonic boom reduction in subsonic to supersonic flow through performance optimization	Sumukh Bharadwaj	12th	Capital High School	Olympia
	Next Generation Robot	Deepak Ganesh	9th	Olympia High School	Olympia