

News release



March 18, 2014

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Headaches, water dams, cranberries, lost coal dust and more

Henry M. Jackson High School's Science Research and Engineering Club members are honored for their research

March 8 was quite a day for members of the Henry M. Jackson High School's Science Research and Engineering Club! Six students and their research were recognized at the Central Sound Regional Science and Engineering Fair ([CSRSEF](#)). The fair, celebrating its fifth year, exhibited 148 student research projects from 21 Seattle area high schools and was hosted by Bellevue College.

Celia Evans won first prize in the Behavior Science category and the American Psychological Association Award for her research: *Ascertaining Common Misperceptions About Concussions and their Consequences While Analyzing the Effectiveness of Concussion Health Laws*.

Hannah Choe won second prize in the Environmental Science category, the Stockholm Water Prize, and a second place American Chemical Society Award for her research: *Spirulina Plantensis Cadmium Binding Ability in Aquatic Conditions*.

Indira Rayala won first prize in the Plant Science category and was selected as a Grand Prize finalist for her research: *Cranberry Extracts: A Quorum Sensing Inhibitor and the Novel Application of Cranberry Extracts as an Environmental Measure to Inhibit Pectobacterium carotovorum in Crops*.

Shruti Parikh won the Women of Geological Science Award for her research: *Analyzing and Mapping Coal Dust Loss and Developing Techniques to Capture Lost Dust*.

Natalie Weed won the Stockholm Water Prize for her research: *The Effect of Photo-catalyst TiO_2 Concentration of E. coli Inactivation in Water*.

Anna Pischer won the third place American Chemical Society Award for her research: *Efficiency of Electron Donors for Denitrification via Facultative Anaerobic Heterotrophs*.

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"Special thanks go to life-science and statistics teachers extraordinaire Carole Tanner, Sinead Pollom and to all the teachers in Jackson High School who helped students refine and strengthen their research. Additionally, Everett Public School's [Dr. Catherine Matthews](#), [Mr. Brian Day](#), [Ms. Shirley Maynard](#), and [Ms. Tonya Neisinger](#), without whose timely and professional help, none of these projects would have come to fruition," said [Andy Sevald](#), Henry M. Jackson High School Science Research and Engineering Club advisor.

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