

Sacramento

Regional Science & Engineering Fair

Foundation

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LOCAL HIGH SCHOOL STUDENTS WIN TOP HONORS AT REGIONAL SCIENCE AND ENGINEER FAIR

SACRAMENTO – Davis Senior High School junior Angela Yeung won first place at the Sacramento Regional Science and Engineering Fair on Saturday, March 21 at Rosemont High School in Sacramento. Yeung’s winning project “Sharing Spectrum the Smart Way” investigates cognitive radio systems efficient policies for spectrum sharing among distributed secondary users. Yeung designed high performance networking policies of low complexity to improve cognitive radio technology.

Divya Nag, a senior at Mira Loma High School was named the second place winner for her project titled “Thermal Analysis and Thermogravimetry Techniques to Quantify and Prevent Forest Fires” which created a ratio and thermochemistry device to quantify organic matter loss from soil.

The top team award went to West Campus High School juniors Kaitlyn Bednar-Anderson and Danielle Bednar-Anderson for their project titled “Linear Regression” which examines whether there is a linear relationship between stream stage and water discharge.

These top winners now advance to the Intel International Science and Engineering Fair in Reno, Nevada the week of May 9-15, 2009.

Over 250 students competed in junior (6th – 8th grade) and senior (9th – 12th grade) divisions for awards and prizes in 21 areas of study. Fair participants are drawn from public, private and parochial schools in Sacramento, El Dorado, Placer, San Joaquin, Yolo, Yuba, Sutter, Solano, and Amador counties.

The Fair’s organizing sponsors include the Intel Corporation, Professional Engineers in California Government (PECG), California Association of Professional Scientists (CAPS), Liberty Mutual, News10, Aerojet, Teichert Foundation, and many others.

For more information on the Fair visit www.srsefair.org.

The Sacramento Regional Science & Engineering Fair (SRSEF) encourages and rewards scientific, technological and engineering excellence to high school and middle school students in the Sacramento valley.