

PRESS RELEASE: 5/18/11

INTEL INTERNATIONAL SCIENCE & ENGINEERING FAIR MAY 8-13, 2011, Los Angeles, CA Convention Center

Students from around the world, representing 65 countries, gathered for the 62nd Annual International Science & Engineering Fair sponsored by Intel.

The 57th Annual Greater San Diego Science & Engineering Fair (held March 21 – 26, 2011, in Balboa Park) selected 8 Sweepstakes winning students and escorted them and their projects to the INTEL INTERNATIONAL SCIENCE & ENGINEERING FAIR last week; these students came home from this prestigious event with a total of 13 awards!

Only 25% of the 1,500 students who participate at ISEF win an award. This year, 100% of our San Diego students were presented with awards at ISEF! Our students received 9 special awards and 4 grand awards. In addition, two students from our San Diego Fair advanced through the CA State Science Fair to ISEF with their team project. They ALSO earned an award! Score: San Diego 100%!

GSDSEF Student Finalists at ISEF



(left to right): Sara Simpson, Vaishnavi Rao, Tammy Rubin, Alison Tradonsky, Keegan Mann, Stephen Yu, Matthew Goldklang, Mike Wu

ISEF Awards for San Diego Students:

Vaishnavi Lakshminarasimha Rao, 15, Canyon Crest Academy, San Diego, California

Teacher: Wendy Slijk

Title: *Regulation of Nitric Oxide Expression as a Form of Neurotransmitter Plasticity*

- ISEF 2nd Place Grand Award \$1,500
- American Association for Clinical Chemistry -- Third Award of \$500
- American Physiological Society -- Third Award of \$500
- Office of Naval Research on behalf of the United States Navy and Marine Corps -- Tuition Scholarship Award in the amount of \$8,000

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Mike Wu, 16, Torrey Pines High School, San Diego, California

Stephen Sia Yu, 17, Torrey Pines High School, San Diego, California

Teacher: Julia Newman

Title: *Position and Vector Detection of Blind Spot Motion with Horn-Schunck Optical Flow* (Team Project)

- ISEF 3rd Place Grand Award \$1,000
- Association for Computing Machinery -- Fourth Award of \$200
- Sigma Xi -- Second Award of \$1,500

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Matthew Philip Goldklang, 17, San Diego Jewish Academy, San Diego, California

Teacher: Jane Willoughby

Title: *Red Tide Sensitivity to Ocean Acidification*

- ISEF 4th Place Grand Award \$500
- American Geological Institute -- Third Award of \$250

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Alison Nicole Tradonsky, 17, San Diego Jewish Academy, San Diego, California

Tammy Yetta Rubin, 18, San Diego Jewish Academy, San Diego, California

Teacher: Jane Willoughby

Title: *A Search for Reliable Molecular Cytogenetic Markers of Prostate Cancer Prognosis* (Team Project)

- ISEF 4th Place Grand Award \$500
- American Statistical Association -- Certificate of Honorable Mention

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Sara Kornfeld Simpson, 14, Patrick Henry High School, San Diego, California

Teacher: Lara Dickens

Title: *Testing a Nonlinear-Oscillator Neuron Model with Optical Illusions*

•United Technologies Corporation

\$2,000 in shares of UTC common stock, a plaque, digital camera, pen, backpack
and the UTC Annual Report.

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Keegan Robert Mann, 18, San Pasqual High, Escondido, California

Teacher: Jun Lutgen

Title: *Stability Analysis of Control Algorithms*

•Air Force Research Laboratory -- Second Award of \$1,500

•United Technologies Corporation

\$2,000 in shares of UTC common stock, a plaque, digital camera, pen, backpack
and the UTC Annual Report

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Project advanced to ISEF through CA State Science Fair:

Danielle Nguyen, 17, Canyon Crest Academy, San Diego, California

Michelle Xie, 16, Canyon Crest Academy, San Diego, California

Teacher: Michael Remington

Title: *Sonification: Differentiation of Multiple Data Streams* (Team Project)

•ISEF 4th Place Grand Award \$500

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During this difficult era when there are questions and doubts about the future of education, of our country, and of our world, we see the young people of the Greater San Diego Science & Engineering Fair - and their counterparts throughout the world - as the promise of tomorrow. They are THE FUTURE.

Submitted by Phil Gay, President, GSDSEF and Wendy Gay, Secretary, GSDSEF