

California Science Center
CALIFORNIA STATE SCIENCE FAIR
2001 Special Awards

Dr. Arnold and Mabel Beckman Award – A special \$15,000 scholarship given to the recipient of the Senior Division Project of the Year.

Award: S0403, Timothy A. Dong, Los Angeles County

John D. Isaacs Scholarship – \$12,000 scholarship in marine science. Applicant must submit a separate application to the California Sea Grant Program by an April deadline.

Scholarship: S1815, Hannah Gray, San Luis Obispo County.

Muses Award – Two \$1000 awards, one in each division, to a young woman identified as outstanding future scientists.

Senior Division: S0301, team of Julia Barmeier and Shoshana Osofsky, Santa Clara County

Junior Division: J0402, Kari Bushey, Modoc County

California 4-H Service Through Science Award – \$1000 award given to the project that best uses science to address a pressing community need and that embraces the four Hs: Head, Heart, Hands, & Health. Sponsored by Wells Fargo and Five Star Legal.

Award: J1603, team of Jennifer Berry and Marci Scott, Kern County

California Fuel Cell Partnership Award – \$1000 award given for excellence in pursuit of knowledge in a field related to the development and use of hydrogen fuel and fuel cell technology.

Award: J0412 Amreeta K. Gill, Orange County

Silicon Boule Award – Representative of today's high technology, uniquely acknowledges distinctive performance in the physical sciences. Award is the recipient's choice of a laptop computer or a silicon boule.

Senior Engineer Physicist: S0601, Ross Audet, Santa Clara County

Senior Engineer Scientist: S0618, Tamara Stuart, Riverside County.

Senior Physicist: S1401, team of Faizan Ahmed, Sameer Ahmed, Benjamin Hsu, Kern County

Junior Engineer Physicist: J0605, Kyle Boots, Los Angeles County

Junior Engineer Scientist: J0108, Yermie Cohen, Yolo County.

Junior Physicist: J1414, Shant Krikorian, Los Angeles County

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American Chemical Society, Coordinating Committee of California Sections - One \$500 award in the senior division to the young scientist with the most original use of chemistry in a research project.

Award: S0403, Timothy Dong, Los Angeles County

American Institute of Aeronautics and Astronautics - Aerospace Excellence Award. Best project display of the application of aerospace engineering and engineering science applications.

Senior Division: S0901, team of Willie Babbitt, Kyle Kelley, and Dylan Mefford, Humboldt County

Junior Division: J0921, Ryan Malherbe, Ventura County

American Institute of Professional Geologists Geology Award – Two \$250 awards, one in each division, to projects related to geological science showing high achievement.

Senior Division: S0505, Julie Gilbert, Orange County

Junior Division: J0514, Emma Kelsey, Humboldt County.

Association of Women Geoscientists – Best project by a young woman with an earth science project. \$250 savings bond, certificate of recognition, and membership in the association.

Senior Division: S0505, Julie Gilbert, Orange County

Junior Division: J0514, Emma Kelsey, Humboldt County

California Association of Professional Scientists — Grades 7-11 only. For an outstanding environmental project. \$100 savings bond and plaque.

Award: J0815, Victoria McCaffrey, Monterey County

California Environmental Health Association - \$200/\$100 savings bond to projects in the senior/junior divisions.

Senior Division: S1201, Cara Beasley, Kern County

Junior Division: J1214, Michelle Jordan, San Diego County

California Native Plant Society, Environmental Sciences Award — Excellence in the study of botanical characteristics, and habitat preferences and/or stresses or environmental usefulness of California's native flora. \$100 award plus one year membership in CNPS.

Senior Division: S1608, Daniel Lahr, Santa Barbara County.

Junior Division: J1631, Angeline Wolski, Humboldt County.

California Shore & Beach Preservation Association - The project that best studies a coastal problem, geographical area, or resource, and uses innovative approaches or breadth and depth of understanding of contemporary coastal issues. \$250 cash award, and student membership in ASBPA/CSBPA in each division.

Senior Division: S0919, Derek Russell, San Diego County

Junior Division: J0508, team of Rebecca Feinberg, Rita George, and Stephanie Hass, Los Angeles County

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Health Physics Society, Southern California Chapter - Project which best demonstrates or observes the use or effects of ionizing and non-ionizing radiation.

First Place: S1699, Spencer Diamond, Los Angeles County

Honorable Mention: J0811, Brian Ingel, Ventura County; J1033, Benjamin Steele, Ventura County.

Los Angeles Council of Engineers and Scientists — Outstanding science or engineering project related to community service. \$250 and certificate.

Award: J0106, team of Mengfei Chen and Hillary Green, Orange County.

SPIE - The International Society for Optical Engineering - Senior Division only. Awarded to the best project in optics or photonics engineering. \$500 cash award, certificate, t-shirt, and student membership in SPIE.

Award: S1408, Amanda Kozlowski, Ventura County

Honorable Mention: S1411, Hrair Simonian, Los Angeles County

Stockholm Junior Water Prize – One \$500 award in the senior division to a project related to water quality, resource management, biotechnology treatment, or waste water treatment,

Award: S0813, Kate Gropp, Riverside County.

Tau Beta Pi Association, Southern California Alumnus Chapter — Outstanding project reflecting superior knowledge and understanding of more than one engineering discipline. \$500 cash award and certificate.

Award: J0108, Yermie Cohen, Yolo County.

University of California, Irvine, Dept. of Earth System Science – One \$250 award in the senior division to a project which best exemplifies the contributions of earth system science.

Award: S0508, team of Richard Johnson and Michael Fischer, Santa Cruz County.

University of Southern California, College of Letters, Arts, and Sciences — Project demonstrating the student exhibiting the most promise for a future scientific career. \$500 cash award.

Award: S1310, Eduardo Duque, San Bernardino County.