



California Science Center
CALIFORNIA STATE SCIENCE FAIR
2016 Special Awards

CSSF Chairwoman's Award for Positive Impact to Social Good and a Friendlier Planet – For the project by a female student in the Junior Division that has the largest potential positive impact to “social” good and a friendlier planet. Award is \$1,250. Presented by Liz Snyder, CSSF Board co-chair and Keller Williams Realty.

Award: J0410, Michelle J. Garcia, Fresno County

LA BioMed Award for Excellence in Biochemistry and Molecular Biology – For achievement in the field of Biochemistry and Molecular Biology. Limited to projects in the Senior Division. Award is \$1,250. Presented by LA BioMed.

Award: S0525, the team of Gitanjali P. Multani and Priyanka P. Multani, San Diego County

Math Teacher's Award for Achievement in Mathematics and Computer Science Studies – For achievement in mathematics and computer science studies. This is in tribute and to show appreciation for all mathematics and science teaching professionals. Limited to projects in the Senior Division. Award is \$1250. Presented anonymously.

Award: S1413, Sarah H. Kazmie, Ventura County

Raytheon Academic Junior Special Achievement Award – For those projects demonstrating the potential of achieving technological breakthroughs in the areas of computer science, electrical engineering, materials engineering, mathematics, mechanical engineering, and physics. Limited to projects in the Junior Division. Three awards of \$1250. Presented by the Raytheon Asian Pacific Association (RAPA).

Award: J0324, Aalok N. Patwa, Santa Clara County

Award: J0906, Sophie Q. Carter, Los Angeles County

Award: J1401, Ruchir Baronia, Contra Costa County

South Coast AQMD Air Quality Award – For the best air quality project based on scientific method, clarity of presentation, and the relevance of the results. One award in each division. Award is \$1500. Presented by the South Coast Air Quality Management District (SCAQMD).

Senior Division: S1107, Philip M. Felizarta, Kern County

Junior Division: J1122, Nithyasree Palakodety, San Diego County



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A&WMA Environmental Stewardship Award – For an exceptional project that furthers the knowledge and understanding of environmental issues. Limited to projects in the Senior Division. One award each for Environmental Engineering and Environmental Science. Award is \$250. Presented by the Air and Waste Management Association, West Coast Section.

Environmental Engineering: S1009, Christopher D. Isozaki, Los Angeles County

Environmental Science: S1107, Philip M. Felizarta, Kern County

American Institute of Professional Geologists Geoscience Award – For excellence in the field of geosciences. One award in each division. Award is \$250. Presented by the American Institute of Professional Geologists, California Section.

Senior Division: S1101, Alvin Kristoff E. Agatep, Riverside County

Senior Division, Honorable Mention: S1102, Diana Agdashian, Los Angeles County

Senior Division, Honorable Mention: S1111, the team of Ashley N. Welch and Maxwell S. Zinkievich, Santa Cruz County

Junior Division: J0809, Luke R. Merickel, Kern County

Junior Division, Honorable Mention: J0221, Kaushik Sai Tota, Santa Clara County

Junior Division, Honorable Mention: J1022, Arshia A. Mehta, Contra Costa County

Bone Clones Research Award – For the project that best demonstrates the use of the scientific method in original research in Mammalian Biology or Zoology. Limited to projects in the Junior Division. Award is \$150 Bone Clones gift certificate. Presented by Bone Clones Osteological Reproductions.

Award: J1223, Aneal Singh, Orange County

California Shore and Beach Preservation Association Coastal Science Award – For achievement in coastal and ocean science. One award in each division. Award in the Senior Division is \$500; award in the Junior Division is \$250. Award also includes student membership in the American Shore and Beach Preservation Association (ASBPA). Presented by the California Shore and Beach Preservation Association.

Senior Division: S1522, Titus M. Patton, Fresno County

Junior Division: J1118, Ella T. Lifset, San Diego County

CAPS Science Achievement Award – For the project that best illustrates good scientific methodology in physics, chemistry, biological sciences, biochemistry, environmental sciences, plant sciences, or energy resources. Limited to students in grades 7-11. Award is \$100, a plaque, and eligibility to compete for CAPS statewide Outstanding Young Scientist Award. Presented by the California Association of Professional Scientists (CAPS).

Award: J1921, Josue H. Rodriguez, Los Angeles County

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Center for Plant Cell Biology Award – For scientific achievement in the fields of cell and molecular biology, genomics, bioinformatics, or technology development that will impact our understanding of plant cell biology. Limited to projects in the Senior Division. Award is \$1000 and an invitation to the Annual CEPCEB Award Symposium at the University of California, Riverside. Presented by the Center for Plant Cell Biology, UC Riverside.

Award: S1809, Sandhya Kalavacherla, Alameda County

Clinical Chemistry Award – For interesting and original projects that impact the future of clinical chemistry. Three awards in each division. Award is \$250 in the Senior Division, \$150 in the Junior Division. Presented by the American Association for Clinical Chemistry (AACC), Southern California Chapter.

Senior Division, Biochemistry/ Molecular Biology: S0525, the team of Gitanjali P. Multani and Priyanka P. Multani, San Diego County

Senior Division, Chemistry: S0613, Anjini Karthik, Santa Clara County

Senior Division, Toxicology: S2199, Justin J. Wang, Orange County

Junior Division, Biochemistry/ Molecular Biology: J0508, Elisha D. Johnston, Los Angeles County

Junior Division, Chemistry: J0609, Nathan Deng, Los Angeles County

Junior Division, Toxicology: J2108, the team of Aarzu Gupta and Maya S. Shukla, Santa Clara County

Excellence in Environmental Education Award – For projects that best exemplify the role of environmental education in advancing science education in the State of California. One award in each division. Award is \$500. Presented by the California Environmental Education Foundation (CEEF).

Senior Division: S1019, Gajan R. Nagaraj, Santa Clara County

Junior Division: J1003, Srinivas B. Balagopal, Santa Clara County

Nature-Watch Mammalian Biology Award – For the project that best demonstrates the use of the scientific method in original research in mammalian biology or zoology. Limited to projects in the Junior Division. Award is a \$50 Nature-Watch gift certificate. Presented by Nature-Watch.

Award: J1221, Nicole M. Poirier, San Diego County

Outstanding Water Project – For an outstanding water-related project of proven environmental, scientific, social, or technological significance. Award is \$1200. Presented by the California Water Environment Association (CWEA).

Award: S1002, Ainesh Arumugam, Orange County

Peter Emmanuel Shirajian Award – For the best project dealing with cancer research or with direct military security applications. One award in each division. The award is \$200 in the Senior Division, and \$100 in the Junior Division, and includes a medallion for each. Presented by Armenian Engineers and Scientists of America (AESAs).

Senior Division: S0315, Benjamin T. Kolland, Santa Cruz County

Junior Division: J1713, Joey D. Krauskopf, San Mateo County

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Plug In America EV Excellence Award – For the best project demonstrating the benefits of plug-in vehicles or advancing the science of vehicle electrification or electric mobility. One award in each division, but may be split into two. Award in the Senior Division is \$200 and in the Junior Division is \$100. Presented by Plug In America.

Senior Division: S0622, Joshua M. Pritz, Ventura County

Senior Division: S0916, Anchit Narain, Fresno County

Junior Division: J0626, Jacqueline Prawira, San Joaquin County

Junior Division: J0901, Dhruv N. Aggarwal, Ventura County

Raytheon Academic Junior Achievement Award – For those projects demonstrating the potential of achieving technological breakthroughs in the areas of computer science, electrical engineering, materials engineering, mathematics, mechanical engineering, and physics. Limited to projects in the Junior Division. Ten awards of \$100. Presented by the Raytheon Asian Pacific Association (RAPA).

Award: J1304, Faith J. Bray, Ventura County

Award: J1314, Nicholas A. Perez, Riverside County

Award: J0217, Anna T. Rioux, Kings County

Award: J0104, Akhilesh V. Balasingam, Santa Clara County

Award: J0114, Jonah S. Henry, Los Angeles County

Award: J2002, Quentin C. Bertrand, San Diego County

Award: J1718, Leif P. Rudling, Ventura County

Award: J1725, Quang-Dan T. Tran, Santa Clara County

Award: J0612, Nicholas L. Finke, San Mateo County

Award: J0620, Alexis H. Kim, Orange County

SPIE Optics and Photonics Award – For the projects best demonstrating scientific research and engineering applications in optics, photonics, and related fields. First Place award is limited to projects in the Senior Division. Five place awards of amounts \$900, \$600, \$500, \$300, and \$200. Presented by SPIE, the International Society for Optics and Photonics.

First Place: S0529, Jennifer H. Phan, Kern County

Second Place: S1703, Jennifer J. Choi, Orange County

Third Place: S1702, Spencer M. Cheleden, Santa Cruz County

Fourth Place: J1408, Anusha Ghosh, Santa Clara County

Fifth Place: S1016, Cassandra K. Man, Orange County

Sushila and Chandi Charan Kar Award – For an outstanding project in the health sciences, especially with humanitarian consequences and excellence in originality of the idea and understanding of the experimental process. Limited to projects in the Senior Division. Award is \$500. Presented by the Sheila Kar Health Foundation.

Award: S1515, the team of Louis M. Lee and Vincent Lok, Ventura County

Award: S0525, the team of Gitanjali P. Multani and Priyanka P. Multani, San Diego County

Award: S0524, Varun Mandi, Orange County

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UCLA Brain Research Institute Award – For research achievement, innovation, and interpretation in any area related to the brain in health or sickness. Five place awards in each division. Award for First Place is \$250, for Second Place is \$100, and for Third Place is \$50. Presented by the UCLA Brain Research Institute (BRI).

Senior Division, First Place: S0415, Anna J. Lou, Orange County

Senior Division, Second Place: S2107, the team of Isha Mehrotra and Rohan Mehrotra, Santa Clara County

Senior Division, Second Place: S0501, Vardhaan S. Ambati, Santa Clara County

Senior Division, Third Place: S0416, Henry G. Low, Placer County

Senior Division, Third Place: S0539, Daniel D. Zhang, San Diego County

Junior Division, First Place: J0421, Alina V. Pollner, San Diego County

Junior Division, Second Place: J2112, Rena N. Maduro, Riverside County

Junior Division, Second Place: J2108, the team of Aarzu Gupta and Maya S. Shukla, Santa Clara County

Junior Division, Third Place: J0403, Mahnur A. Bharucha, Los Angeles County

Junior Division, Third Place: J2204, Makena M. Crimaldi, San Diego County