

**California Science Center**  
**CALIFORNIA STATE SCIENCE FAIR**  
Major Fair Awards – 2014

**Project of the Year Awards**

\$5,000 in the Senior Division, \$2,500 in the Junior Division

**Senior Division:** S0906, Shiloh S. Curtis

Grade 11, Laughing Thunder Academy, Sunnyvale, CA, Santa Clara County

Advisor: Dr. Youssef Ismail

Project: Enabling Situational Awareness: A Hat-Based Hands-Free Haptic Navigational Aid for the Visually Impaired

**Junior Division:** J1406, Aaron O. Feldman

Grade 8, Pressman (Rabbi Jacob) Academy, Los Angeles, Los Angeles County

Advisor: Mr. Eric Hartung

Project: Where'd Those Swimmers Go?

**California State Science Fair Student of the Year**

\$1,000 to a student in grade 12 on the basis of his/her project and other activities

S1207, Kevin K. Lee

Grade 12, University High School, Irvine, Orange County

Advisor: Dr. John Lowengrub

Project: Strongly Coupling the Electrical and Mechanical Dynamics of the Heartbeat in a Diffuse Interface Model

**California State Science Fair Teachers of the Year**

\$2,000 to one teacher in each division who served as advisor for a CSSF project

**Junior Division:**

Norm Brennan

Mirman School

Los Angeles, Los Angeles County

**Senior Division:**

Guadalupe Valero

Rialto High School

Rialto, San Bernardino County

**California State Science Fair**  
**Category Awards 2014 (sorted by county/ school)**

<b>Project Student</b>	<b>Gd</b>	<b>School</b>	<b>City</b>	<b>County</b>	<b>Awd</b>	<b>Category</b>
J0706 Coorey, Harrison P.	6	Alameda Community Learning Center	Alameda	Alameda	5	Cognitive Science
S1703 Bommakanti, Sidharth	10	Amador Valley High School	Pleasanton	Alameda	4	Pharmacology/ Toxicology
J1903 Chillakanti, Mahima S.	8	Challenger School	Newark	Alameda	3	Plant Biology
S1811 Guo, Michelle	12	Irvington High School	Fremont	Alameda	2	Physics & Astronomy
J1013 Howard, Alexander J.	8	Pleasanton Middle School	Pleasanton	Alameda	5	Environmental Engineering
J1913 Huitt, Joseph A.	7	Notre Dame School	Chico	Butte	1	Plant Biology
S1116 Karthikeyan, Dhuvarakesh	10	California High School	San Ramon	Contra Costa	4	Environmental Science
S1823 Sauer, Julianne	9	Dougherty Valley High School	San Ramon	Contra Costa	3	Physics & Astronomy
J0711 Gamble, Sydney S.	7	North Creek Academy	Walnut Creek	Contra Costa	5	Cognitive Science
J1328 Tremsin, Vasily A.	8	Stanley (M. H.) Intermediate School	Lafayette	Contra Costa	5	Materials Science
S0922 Morgan, George D.	11	Clovis North High School	Fresno	Fresno	2	Electronics & Electromagnetics
S1215 Sandhu, Japmeet K.	11	Clovis North High School	Fresno	Fresno	5	Mammalian Biology
S1216 Sandhu, Onkar S.	10	Clovis North High School	Fresno	Fresno	5	Mammalian Biology
S1215 Thusu, Ashima	10	Clovis North High School	Fresno	Fresno	5	Mammalian Biology
S1903 Huang, Ray C.	10	Clovis West High School	Fresno	Fresno	3	Plant Biology
J0323 Robertson, Tyler E.	7	Kastner (George W.) Intermediate School	Fresno	Fresno	5	Applied Mechanics & Structures
J0813 White, Natalie C.	6	Quail Lake Charter School	Clovis	Fresno	1	Earth & Planetary Sciences
S0602 Choi, Seung Hye	10	University High School	Fresno	Fresno	3	Chemistry
J1924 Poole, Andee L.	8	Washington Academic Middle School	Sanger	Fresno	2	Plant Biology
J0812 Steagall, Hannah M.	8	Washington Academic Middle School	Sanger	Fresno	5	Earth & Planetary Sciences
J0102 Campbell, Travis R.	8	Jacoby Creek Elementary School	Bayside	Humboldt	3	Aerodynamics/ Hydrodynamics
J0102 Green, Evan M.	8	Jacoby Creek Elementary School	Bayside	Humboldt	3	Aerodynamics/ Hydrodynamics
J2215 Lamphear, Erin K.	6	Jacoby Creek Elementary School	Bayside	Humboldt	5	Zoology
J1614 Tuermer-Lee, Jason X.	6	Jacoby Creek Elementary School	Bayside	Humboldt	4	Microbiology (Medical)
J1517 Wilson, Maya R.	8	Pacific Union School	Arcata	Humboldt	5	Microbiology (General)
S1128 Tweed, Nathaniel B.	11	Bakersfield Christian High School	Bakersfield	Kern	5	Environmental Science
S0317 LeDuc, Larson T.	11	Desert High School	Edwards	Kern	5	Applied Mechanics & Structures
J1713 Frisbee, Trevor B.	7	Murray Middle School	Ridgecrest	Kern	3	Pharmacology/ Toxicology
J0718 Johnsen, Georgia G.	8	St. John's Lutheran School	Bakersfield	Kern	2	Cognitive Science
S0421 Ravi, Roshini N.	10	Stockdale High School	Bakersfield	Kern	3	Behavioral & Social Sciences
S2207 Lang, Samuel Z.	11	Valley Oaks Charter School	Bakersfield	Kern	5	Zoology
J1028 Tessman, Alana R.	8	Wallace (Woodrow) Junior High School	Lake Isabella	Kern	3	Environmental Engineering
S1799 Mesropian, Alec	9	A.G.B.U. Manoogian Demirdjian School	Canoga Park	Los Angeles	5	Pharmacology/ Toxicology

## California State Science Fair Category Awards 2014 (sorted by county/ school)

Project Student	Gd	School	City	County	Awd	Category
J1721 Jackson, Genevieve M.	6	American Martyrs School	Manhattan Beach	Los Angeles	5	Pharmacology/ Toxicology
J1610 Olsen, Christian E.	7	American Martyrs School	Manhattan Beach	Los Angeles	5	Microbiology (Medical)
J1610 Stauber, Matthew G.	7	American Martyrs School	Manhattan Beach	Los Angeles	5	Microbiology (Medical)
J0301 Albert-Minckler, Eris D.	8	Blair International Baccalaureate School	Pasadena	Los Angeles	3	Applied Mechanics & Structures
J0107 Dickie, Johanna E.	8	Blair International Baccalaureate School	Pasadena	Los Angeles	4	Aerodynamics/ Hydrodynamics
S1123 Patel, Neel R.	11	Bravo (Francisco) Medical Magnet High School	Los Angeles	Los Angeles	5	Environmental Science
J1325 Reid, Lilliya S.	8	CHIME Institute's Schwarzenegger Community High School	Woodland Hills	Los Angeles	5	Materials Science
J0605 Brown, Max P.	8	Classical Conversations, Long Beach	Long Beach	Los Angeles	5	Chemistry
S0606 Gasbarro, Gino R.	12	Crespi Carmelite High School	Encino	Los Angeles	5	Chemistry
J0508 Liu, Benjamin C.	7	Dana (Richard Henry) Middle School	Arcadia	Los Angeles	5	Biochemistry/ Molecular Biology
S1208 Liu, Vick C.	10	Flintridge Preparatory School	La Canada Flintridge	Los Angeles	1	Mammalian Biology
J2016 Ng, Matthew S.	7	Flintridge Preparatory School	La Canada Flintridge	Los Angeles	5	Product Science (Biological)
J0226 Prata, Matthew B.	8	Holy Name of Mary	San Dimas	Los Angeles	5	Alternative Energy
J0226 Prata, Thomas J.	8	Holy Name of Mary	San Dimas	Los Angeles	5	Alternative Energy
J2018 Rupp, Annaliese N.	7	Holy Trinity School	San Pedro	Los Angeles	1	Product Science (Biological)
S0424 Saetermoe-Howard, Gaia	10	Los Angeles County High School for the Arts	Los Angeles	Los Angeles	2	Behavioral & Social Sciences
S0416 Levinson, Tess G.	12	Marlborough School	Los Angeles	Los Angeles	5	Behavioral & Social Sciences
J2108 McCullough, Austin T.	7	Mayfield Junior School of the Holy Child	Pasadena	Los Angeles	4	Product Science (Physical)
J2108 Odermatt, Ian J.	7	Mayfield Junior School of the Holy Child	Pasadena	Los Angeles	4	Product Science (Physical)
J0109 Gasser-Brennan, Aeden P.	7	Millikan Middle School	Sherman Oaks	Los Angeles	2	Aerodynamics/ Hydrodynamics
J0215 Kato, Kai Y.	8	Miraleste Intermediate School	Rancho Palos Verdes	Los Angeles	5	Alternative Energy
J0208 Davidoff, Benjamin	6	Mirman School for Gifted Children	Los Angeles	Los Angeles	5	Alternative Energy
J0208 Levine, Joshua A.	6	Mirman School for Gifted Children	Los Angeles	Los Angeles	5	Alternative Energy
J0208 Ross, Dylan R.	6	Mirman School for Gifted Children	Los Angeles	Los Angeles	5	Alternative Energy
J2103 Eissa, Ahmad S.	7	New Horizon School	Pasadena	Los Angeles	5	Product Science (Physical)
J1606 de la Rosa, Anna D.	8	Our Lady of Refuge School	Long Beach	Los Angeles	3	Microbiology (Medical)
J1006 Cordero, Soraya K.	8	Our Mother of Good Counsel School	Los Angeles	Los Angeles	2	Environmental Engineering
S1510 Filler, Elan E.	10	Palos Verdes High School	Palos Verdes Estates	Los Angeles	4	Microbiology (General)
S1108 Dojiri, Stacey S.	12	Palos Verdes Peninsula High School	Rolling Hills Estates	Los Angeles	1	Environmental Science
S1707 Huang, Christina	11	Palos Verdes Peninsula High School	Rolling Hills Estates	Los Angeles	2	Pharmacology/ Toxicology
S0620 Ramayya, Shreya S.	11	Palos Verdes Peninsula High School	Rolling Hills Estates	Los Angeles	4	Chemistry
S2217 Smith, Caleb L.	11	Palos Verdes Peninsula High School	Rolling Hills Estates	Los Angeles	2	Zoology
S0329 Wong, Ryan S.	12	Palos Verdes Peninsula High School	Rolling Hills Estates	Los Angeles	3	Applied Mechanics & Structures

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Project Student	Gd	School	City	County	Awd	Category
S1108 Woo, Kelly Y.	12	Palos Verdes Peninsula High School	Rolling Hills Estates	Los Angeles	1	Environmental Science
S0809 Zhang, Brian	10	Palos Verdes Peninsula High School	Rolling Hills Estates	Los Angeles	1	Earth & Planetary Sciences
J1720 Hewitt, Sophia M.	8	Portola (Gaspar de) Highly Gifted Magnet	Tarzana	Los Angeles	2	Pharmacology/ Toxicology
J1513 Michaels, Ella Q.	8	Portola (Gaspar de) Highly Gifted Magnet	Tarzana	Los Angeles	3	Microbiology (General)
J1919 O'Neal, Isaiah L.D.	7	Portola (Gaspar de) Highly Gifted Magnet	Tarzana	Los Angeles	5	Plant Biology
J0423 Schall, Benjamin J.	8	Portola (Gaspar de) Highly Gifted Magnet	Tarzana	Los Angeles	5	Behavioral & Social Sciences
J1406 Feldman, Aaron O.	8	Pressman (Rabbi Jacob) Academy	Los Angeles	Los Angeles	1	Mathematics & Software
J0806 Lorell, Daniel J.	8	Pressman (Rabbi Jacob) Academy	Los Angeles	Los Angeles	5	Earth & Planetary Sciences
S2204 Grutzik, Petra L.	12	Redondo Union High School	Redondo Beach	Los Angeles	1	Zoology
J0111 Hathaway, Alisa Y.	8	Ridgecrest Intermediate School	Rancho Palos Verdes	Los Angeles	1	Aerodynamics/ Hydrodynamics
J0216 Landsberger, Rei J.	8	Ridgecrest Intermediate School	Rancho Palos Verdes	Los Angeles	5	Alternative Energy
S0918 Le, Nathan C.	9	Sierra Canyon Middle School	Chatsworth	Los Angeles	3	Electronics & Electromagnetics
S0918 Le, Timothy R.	12	Sierra Canyon Middle School	Chatsworth	Los Angeles	3	Electronics & Electromagnetics
J1516 Robertson-Neel, Tess S.	6	Sierra Madre Middle School	Sierra Madre	Los Angeles	5	Microbiology (General)
J1829 Zawol, Zoe	8	Sierra Madre Middle School	Sierra Madre	Los Angeles	1	Physics & Astronomy
J1105 Galluzzi, Dawson A.	8	South Pasadena Middle School	South Pasadena	Los Angeles	5	Environmental Science
J1016 Isozaki, Christopher D.	8	St. John Fisher	Rancho Palos Verdes	Los Angeles	1	Environmental Engineering
J0313 Macmillan, Bridget J.	8	St. John Fisher	Rancho Palos Verdes	Los Angeles	1	Applied Mechanics & Structures
S1805 Chaffey, Cameron	10	Torrance High School	Torrance	Los Angeles	5	Physics & Astronomy
J2007 Dailey, Grace M.	8	Saint Rita School	Fairfax	Marin	2	Product Science (Biological)
J0120 Rhodes, R. C. Christian	8	St. Mary of the Angels	Ukiah	Mendocino	5	Aerodynamics/ Hydrodynamics
J0120 Whitaker, Cade M.	8	St. Mary of the Angels	Ukiah	Mendocino	5	Aerodynamics/ Hydrodynamics
J0804 Harper, Jordyn L.	7	Lee Vining Elementary School	Lee Vining	Mono	3	Earth & Planetary Sciences
J0804 McQuilkin, Caelen G.	7	Lee Vining Elementary School	Lee Vining	Mono	3	Earth & Planetary Sciences
S1911 Sinha, Kapil	10	Salinas High School	Salinas	Monterey	1	Plant Biology
J0314 Mason, Henry A.	8	San Carlos Elementary School	Monterey	Monterey	5	Applied Mechanics & Structures
S2202 Alexander, Andrea	12	York School	Monterey	Monterey	4	Zoology
S1820 Ray, Aaron C.	11	York School	Monterey	Monterey	5	Physics & Astronomy
J0225 Petty, Jonathan F.	7	Clear Creek School	Grass Valley	Nevada	5	Alternative Energy
S1219 Wang, Aileen F.	11	Aliso Niguel High School	Aliso Viejo	Orange	3	Mammalian Biology
J0912 Khashayar, Sahar A.	8	Fairmont Private - Edgewood Campus	Santa Ana	Orange	3	Electronics & Electromagnetics
J1728 Promprasert, Patcharada	8	Fairmont Private - Edgewood Campus	Santa Ana	Orange	5	Pharmacology/ Toxicology
J1730 Rosenblum, Allyson M.	7	Fairmont Private - Edgewood Campus	Santa Ana	Orange	1	Pharmacology/ Toxicology

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J2101 Ahmed, Sameer	8	Fairmont Private Junior High School	Anaheim	Orange	2	Product Science (Physical)
J0304 Domae, Amy F.	8	Fairmont Private Junior High School	Anaheim	Orange	5	Applied Mechanics & Structures
J0708 Duke, Alexis C.	8	Fairmont Private Junior High School	Anaheim	Orange	5	Cognitive Science
J0409 Ensari, Pelin	8	Fairmont Private Junior High School	Anaheim	Orange	1	Behavioral & Social Sciences
J1317 Kao, Michael	8	Fairmont Private Junior High School	Anaheim	Orange	4	Materials Science
J0628 Tuinstra, Andrew K.	7	Fairmont Private Junior High School	Anaheim	Orange	4	Chemistry
J0931 Xing, Jeffrey W.	8	Jeffrey Trail Middle School	Irvine	Orange	5	Electronics & Electromagnetics
J1210 Dang, Katherine E.	8	Lakeside Middle School	Irvine	Orange	5	Mammalian Biology
J1207 Conrad, Kelly	8	McPherson Magnet School	Orange	Orange	4	Mammalian Biology
J1207 Miles, Kayla J.	8	McPherson Magnet School	Orange	Orange	4	Mammalian Biology
J2017 Patel, Aisha N.	7	Orange Crescent School	Garden Grove	Orange	3	Product Science (Biological)
J0611 Gupta, Ashwin M.	6	Orchard Hills Middle School	Irvine	Orange	5	Chemistry
J1420 Xu, Michelle C.	8	Pioneer Middle School	Tustin	Orange	2	Mathematics & Software
J0522 Wu, Michael D.	8	Rancho San Joaquin Middle School	Irvine	Orange	2	Biochemistry/ Molecular Biology
J0520 Talkington, Amelia R.	8	Renascence School International	Costa Mesa	Orange	5	Biochemistry/ Molecular Biology
J0407 Cordrey, Skyler R.	8	St. Margaret's Episcopal School	San Juan Capistrano	Orange	5	Behavioral & Social Sciences
J1211 Darius, Aiden G.	6	Stone Creek Elementary School	Irvine	Orange	3	Mammalian Biology
J1506 Duquette, Joshua B.	8	Talbert (Samuel S.) Middle School	Huntington Beach	Orange	4	Microbiology (General)
S0915 Jeon, Justin H.	9	Tesoro High School	Las Flores	Orange	5	Electronics & Electromagnetics
J1206 Cho, Karen H.	6	Turtle Rock Elementary School	Irvine	Orange	5	Mammalian Biology
S1115 Kambhampati, Sandeep	9	University High School	Irvine	Orange	3	Environmental Science
S1207 Lee, Kevin K.	12	University High School	Irvine	Orange	2	Mammalian Biology
S0808 Xu, Grace	11	University High School	Irvine	Orange	3	Earth & Planetary Sciences
S0805 Pham, Karen V.	10	Villa Park High School	Villa Park	Orange	2	Earth & Planetary Sciences
S1726 Polyakov, Lauren	10	Villa Park High School	Villa Park	Orange	5	Pharmacology/ Toxicology
S0508 Dingilian, Armine I.	10	Woodbridge High School	Irvine	Orange	5	Biochemistry/ Molecular Biology
S0312 Holcomb, Rae J.	11	Woodbridge High School	Irvine	Orange	5	Applied Mechanics & Structures
S1113 Iyer, Adithi R.	10	Woodbridge High School	Irvine	Orange	2	Environmental Science
S0314 Kim, Lauren	10	Woodbridge High School	Irvine	Orange	5	Applied Mechanics & Structures
S1732 Yang, Daniel S.	11	Woodbridge High School	Irvine	Orange	5	Pharmacology/ Toxicology
S0504 Cao, Jessica L.	12	Centennial High School	Corona	Riverside	5	Biochemistry/ Molecular Biology
S1429 Tramontano, Jared A.	10	Centennial High School	Corona	Riverside	5	Mathematics & Software
S0504 Tran, Philippe A.	12	Centennial High School	Corona	Riverside	5	Biochemistry/ Molecular Biology

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S0412 Gonzalez, Alejandro G.	10 Hemet Senior High School	Hemet	Riverside	5	Behavioral & Social Sciences
S1998 Keremane, Saumya R.	11 King (Martin Luther, Jr.) High School	Riverside	Riverside	5	Plant Biology
S0321 Newton, Loren	12 La Sierra High School	Riverside	Riverside	1	Applied Mechanics & Structures
S1807 Creighton, Ezra B.	11 Monarch Academy	Moreno Valley	Riverside	4	Physics & Astronomy
J0106 Creighton, Landon R.	7 Monarch Academy	Moreno Valley	Riverside	5	Aerodynamics/ Hydrodynamics
S1825 Tom, Connor E.	11 North (John Wesley) High School	Riverside	Riverside	1	Physics & Astronomy
S0423 Saenz, Matthew P.	9 Polytechnic High School	Riverside	Riverside	4	Behavioral & Social Sciences
S0423 Saenz, Matthew P.	9 Polytechnic High School	Riverside	Riverside	5	Behavioral & Social Sciences
J1711 Drain, John P.	8 Raney (Letha) Intermediate School	Corona	Riverside	5	Pharmacology/ Toxicology
J0923 Pretorius, Cade	7 Santa Rosa Academy	Menifee	Riverside	5	Electronics & Electromagnetics
S1910 Risk, Dale J., III	10 Shadow Hills High School	Indio	Riverside	2	Plant Biology
J1916 Mermilliod, Nathan G.	6 St. Catherine of Alexandria	Riverside	Riverside	5	Plant Biology
J1323 Perez, Nicholas A.	6 St. Edward's Catholic School	Corona	Riverside	3	Materials Science
J1108 Gonzalez, Andres S.	7 St. Hyacinth Academy	San Jacinto	Riverside	2	Environmental Science
J0405 Clowney, Nagee N.	7 Vista Heights Middle School	Moreno Valley	Riverside	2	Behavioral & Social Sciences
S0331 Yoder, Renden E.	12 Xavier College Preparatory High School	Palm Desert	Riverside	5	Applied Mechanics & Structures
J0429 Yuva Raju, Rhitishah	6 Churchill (Winston) Middle School	Carmichael	Sacramento	4	Behavioral & Social Sciences
J0903 Buch, Deveshi	7 Folsom Middle School	Folsom	Sacramento	2	Electronics & Electromagnetics
S1425 Talwai, Prem M.	11 Mira Loma High School	Sacramento	Sacramento	2	Mathematics & Software
S0301 Arney, Daelin T.	11 Western Sierra Collegiate Academy	Rocklin	Sacramento	5	Applied Mechanics & Structures
J1801 Adumitroaie, Thea	7 Canyon Hills Junior High School	Chino Hills	San Bernardino	5	Physics & Astronomy
S2210 Maxey, Nykolas A.	9 Grand Terrace High School	Grand Terrace	San Bernardino	3	Zoology
J1999 Chen, Vincent A.	7 Inland Leaders Charter School	Yucaipa	San Bernardino	4	Plant Biology
S0610 Janner, Michael L.	12 Redlands East Valley High School	Redlands	San Bernardino	1	Chemistry
J1219 Napiza, Mikhaella Anne D.	8 Rio Vista Elementary School	Apple Valley	San Bernardino	2	Mammalian Biology
J1219 Sinclair, Trenton W.	8 Rio Vista Elementary School	Apple Valley	San Bernardino	2	Mammalian Biology
J1002 Benetatos, Zachary	8 Sitting Bull Academy	Apple Valley	San Bernardino	5	Environmental Engineering
S1505 Chen, Eric S.	12 Canyon Crest Academy	San Diego	San Diego	1	Microbiology (General)
S1506 D'Souza, Sara	12 Canyon Crest Academy	San Diego	San Diego	2	Microbiology (General)
S0513 Kosviner, Ezra M.	11 Canyon Crest Academy	San Diego	San Diego	1	Biochemistry/ Molecular Biology
S1423 Soliman, Yousuf M.	12 Canyon Crest Academy	San Diego	San Diego	4	Mathematics & Software
J1306 Chen, Maggie S.	8 Carmel Valley Middle School	San Diego	San Diego	2	Materials Science
J0809 Saloner, Jakob	8 Chabad Hebrew Academy	San Diego	San Diego	4	Earth & Planetary Sciences

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J1607 Dehaini, Dina S.	7	Islamic School of San Diego	San Diego	San Diego	5	Microbiology (Medical)
J0607 Dimes, Natalie S.	8	Islamic School of San Diego	San Diego	San Diego	2	Chemistry
J1304 Calini, Zane J,	8	Marshall (Thurgood) Middle School	San Diego	San Diego	5	Materials Science
J1102 Ellis, Jared T.	8	Marshall (Thurgood) Middle School	San Diego	San Diego	3	Environmental Science
J0309 Hern, Nicholas A.	8	Marshall (Thurgood) Middle School	San Diego	San Diego	5	Applied Mechanics & Structures
J1512 Martin, Gregory M.	8	Marshall (Thurgood) Middle School	San Diego	San Diego	1	Microbiology (General)
J0920 Nuzen, Melba H.	8	Marshall (Thurgood) Middle School	San Diego	San Diego	5	Electronics & Electromagnetics
J1418 Wildenhain, Patrick I.	8	Marshall (Thurgood) Middle School	San Diego	San Diego	5	Mathematics & Software
S0911 Henning, Robert C.	10	Mission Hills High School	San Marcos	San Diego	4	Electronics & Electromagnetics
S0403 Amani, Noorhan Z.	9	Mt. Everest Academy	San Diego	San Diego	1	Behavioral & Social Sciences
J0404 Chizhik, Isaac W.	8	Mt. Everest Academy	San Diego	San Diego	3	Behavioral & Social Sciences
J1809 Eggleston, Michele L.	8	Mt. Everest Academy	San Diego	San Diego	2	Physics & Astronomy
J2020 Valenzuela, Juliana E.	7	Notre Dame Academy	San Diego	San Diego	4	Product Science (Biological)
J1928 Vadeboncoeur, Mary Rose	7	Oak Grove Middle School	Jamul	San Diego	5	Plant Biology
S0505 Ng, Nathan H.	12	Rancho Bernardo High School	San Diego	San Diego	5	Biochemistry/ Molecular Biology
J0899 Brem, Aidan L.	7	Rhoades (The) School	Encinitas	San Diego	2	Earth & Planetary Sciences
J2204 Bruce, Daniel S.	8	Rhoades (The) School	Encinitas	San Diego	1	Zoology
J0406 Cohen, Bracha	8	San Diego (Soille) Hebrew Day School	San Diego	San Diego	5	Behavioral & Social Sciences
S1129 Vainer, Daniela	11	San Diego Jewish Academy	San Diego	San Diego	5	Environmental Science
S0324 Provol, Jason S.	9	Scripps Ranch High School	San Diego	San Diego	4	Applied Mechanics & Structures
J0212 Freitas, Sierra G.	8	St. Mary's Elementary School	Escondido	San Diego	4	Alternative Energy
J0601 Adcock, Dana L.	8	St. Mary's Star of the Sea Elementary Sch	Oceanside	San Diego	3	Chemistry
J0321 Pena, Leonardo E.	7	St. Rose of Lima School	Chula Vista	San Diego	4	Applied Mechanics & Structures
S0505 Chen, Eric C.	11	Torrey Pines High School	Encinitas	San Diego	5	Biochemistry/ Molecular Biology
S1403 Cho, Min Jean	10	Torrey Pines High School	Encinitas	San Diego	5	Mathematics & Software
S0615 Lee, Gha Young	11	Torrey Pines High School	Encinitas	San Diego	5	Chemistry
S1420 Ramadurgam, Kalyani	9	Torrey Pines High School	Encinitas	San Diego	3	Mathematics & Software
J1302 Boring, Davis R.	8	Wangenheim Middle School	San Diego	San Diego	5	Materials Science
S1719 Lu, Mimi	12	Lowell High School	San Francisco	San Francisco	5	Pharmacology/ Toxicology
S1110 Fukunaga, Julie A.	10	Tokay High School	Lodi	San Joaquin	5	Environmental Science
S0917 Lara, Raul	12	Tracy Joint Union High School	Tracy	San Joaquin	5	Electronics & Electromagnetics
J0209 Finke, Nicholas L.	6	Bayside Middle School	San Mateo	San Mateo	5	Alternative Energy
J0620 Luebke, Marcus X.S.	7	Bayside Middle School	San Mateo	San Mateo	5	Chemistry

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J0919 Noworolski, Adam Z.	8	Burlingame Intermediate School	Burlingame	San Mateo	5	Electronics & Electromagnetics
J0719 Jones, Cameron C.	7	Corte Madera Middle School	Portola Valley	San Mateo	1	Cognitive Science
J1409 Kao, Patrick D.	8	La Entrada Middle School	Menlo Park	San Mateo	3	Mathematics & Software
J1231 Virsik, Luke A.	6	La Entrada Middle School	Menlo Park	San Mateo	5	Mammalian Biology
J1601 Bates, Matthew J.	8	Notre Dame Elementary School	Belmont	San Mateo	1	Microbiology (Medical)
J1902 Burrill, Nate J.	8	Our Lady of Mount Carmel School	Redwood City	San Mateo	5	Plant Biology
J1603 Cevasco, Hannah O.	7	St. Charles School	San Carlos	San Mateo	2	Microbiology (Medical)
J0622 Matsu, Taylor R.K.	7	St. Charles School	San Carlos	San Mateo	5	Chemistry
J1906 Fairfield, Brooke C.	8	Goleta Valley Junior High School	Goleta	Santa Barbara	5	Plant Biology
J2110 Roberts, Amanda T.	8	Goleta Valley Junior High School	Goleta	Santa Barbara	1	Product Science (Physical)
J2219 Roney, James P.	8	Goleta Valley Junior High School	Goleta	Santa Barbara	2	Zoology
J1419 Wilson, Eric J.	8	Goleta Valley Junior High School	Goleta	Santa Barbara	5	Mathematics & Software
J1011 Ghosh, Ishani	8	La Colina Junior High School	Santa Barbara	Santa Barbara	5	Environmental Engineering
J0507 Lehman, Justin E.	8	La Colina Junior High School	Santa Barbara	Santa Barbara	4	Biochemistry/ Molecular Biology
J0725 Mirbod, Emily T.	8	La Colina Junior High School	Santa Barbara	Santa Barbara	5	Cognitive Science
J0725 Mirbod, Emily T.	8	La Colina Junior High School	Santa Barbara	Santa Barbara	5	Cognitive Science
J0729 Noronha, Keegan	8	La Colina Junior High School	Santa Barbara	Santa Barbara	4	Cognitive Science
J1823 Shapiro, Ilana S.	8	La Colina Junior High School	Santa Barbara	Santa Barbara	5	Physics & Astronomy
J1806 Castleberg, Daniela T.	8	Santa Barbara Junior High School	Santa Barbara	Santa Barbara	4	Physics & Astronomy
S0422 Ravishanker, Pravin	9	Bellarmine College Preparatory	San Jose	Santa Clara	5	Behavioral & Social Sciences
J0728 Mukhopadhyay, Ujjaini	8	Bret Harte Middle School	San Jose	Santa Clara	5	Cognitive Science
J1205 Chiruvolu, Tarun S.	6	Challenger School	San Jose	Santa Clara	1	Mammalian Biology
J1018 Karthik, Ananya	7	Challenger School	Sunnyvale	Santa Clara	4	Environmental Engineering
J0609 Ghosh, Anusha	6	Challenger School - Shawnee	San Jose	Santa Clara	1	Chemistry
S1202 Bulusu, Gautam S.	10	Cupertino High School	Cupertino	Santa Clara	5	Mammalian Biology
J0328 Tjanaka, Dylon M.	7	Don Callejon School	Santa Clara	Santa Clara	2	Applied Mechanics & Structures
S1204 Iyer, Tara P.	11	Evergreen Valley High School	San Jose	Santa Clara	4	Mammalian Biology
J1022 Nasim, Nathifa	7	Granada Islamic School	Santa Clara	Santa Clara	5	Environmental Engineering
S0527 Wang, Emily S.	12	Gunn (Henry M.) High School	Palo Alto	Santa Clara	2	Biochemistry/ Molecular Biology
S1709 Jin, Andrew C.	11	Harker (The) School	San Jose	Santa Clara	1	Pharmacology/ Toxicology
S1416 Mani, Nitya	11	Harker (The) School	San Jose	Santa Clara	1	Mathematics & Software
J0512 Movva, Rajiv	8	Harker (The) School	San Jose	Santa Clara	3	Biochemistry/ Molecular Biology
J1119 Sengupta, Anooshree L.	8	Harker (The) School	San Jose	Santa Clara	1	Environmental Science



**California State Science Fair**  
**Category Awards 2014 (sorted by county/ school)**

<b>Project Student</b>	<b>Gd School</b>	<b>City</b>	<b>County</b>	<b>Awd Category</b>
J0227 Shivakumar, Kaushik	7 Harker (The) School	San Jose	Santa Clara	3 Alternative Energy
S0525 Somasundaram, Sriram	11 Harker (The) School	San Jose	Santa Clara	3 Biochemistry/ Molecular Biology
S1709 Wang, Steven M.	11 Harker (The) School	San Jose	Santa Clara	1 Pharmacology/ Toxicology
J0934 Zarkesh, Shaya	8 Harker (The) School	San Jose	Santa Clara	5 Electronics & Electromagnetics
S1811 Zhang, Andrew J.	11 Harker (The) School	San Jose	Santa Clara	2 Physics & Astronomy
J2217 Powers, Laura L.	7 Homeschool	San Jose	Santa Clara	4 Zoology
S1512 Kalyanasundaram, Gokul V.	9 Homestead High School	Cupertino	Santa Clara	3 Microbiology (General)
S0906 Curtis, Shiloh S.	11 Laughing Thunder Academy	Sunnyvale	Santa Clara	1 Electronics & Electromagnetics
J0928 Tandon, Utkarsh	8 Lawson (Sam H.) Middle School	Cupertino	Santa Clara	4 Electronics & Electromagnetics
S0308 Chiu, Jessica	12 Los Gatos High School	Los Gatos	Santa Clara	2 Applied Mechanics & Structures
S1708 Jain, Shomik	10 Los Gatos High School	Los Gatos	Santa Clara	5 Pharmacology/ Toxicology
S1702 Altekar, Vibhav S.	12 Lynbrook High School	San Jose	Santa Clara	3 Pharmacology/ Toxicology
J0906 Ganesh, Raghav	6 Miller (Joaquin) Middle School	San Jose	Santa Clara	1 Electronics & Electromagnetics
S1802 Balasingam, Namrata R.	11 Mitty (Archbishop) High School	San Jose	Santa Clara	5 Physics & Astronomy
S0518 Ng, Natalie	12 Monta Vista High School	Cupertino	Santa Clara	4 Biochemistry/ Molecular Biology
S1725 Petri, Yana D.	11 Monta Vista High School	Cupertino	Santa Clara	5 Pharmacology/ Toxicology
S1728 Sankar, Aiswarya S.	11 Monta Vista High School	Cupertino	Santa Clara	5 Pharmacology/ Toxicology
S1422 Singh, Anurag	9 Monta Vista High School	Cupertino	Santa Clara	5 Mathematics & Software
S1422 Tandon, Kaushik	9 Monta Vista High School	Cupertino	Santa Clara	5 Mathematics & Software
J1315 Jackson, Holly M.	8 Old Orchard School	Campbell	Santa Clara	1 Materials Science
J1120 Szoboszlai, Eva E.D.	8 Old Orchard School	Campbell	Santa Clara	4 Environmental Science
J0201 Baab, Cameron M.	8 Redwood Middle School	Saratoga	Santa Clara	2 Alternative Energy
J0222 Pai, Ronak	6 Redwood Middle School	Saratoga	Santa Clara	5 Alternative Energy
J0222 Prasad, Gino J.	6 Redwood Middle School	Saratoga	Santa Clara	5 Alternative Energy
J0222 Shah, Dhruv	6 Redwood Middle School	Saratoga	Santa Clara	5 Alternative Energy
S1407 Gupta, Agastya	11 Saratoga High School	Saratoga	Santa Clara	5 Mathematics & Software
S0928 Vadlakonda, Amulya	9 Saratoga High School	Saratoga	Santa Clara	5 Electronics & Electromagnetics
S1135 Zhang, Amy	10 Saratoga High School	Saratoga	Santa Clara	5 Environmental Science
S0612 Karthik, Anjini	10 St. Francis High School	Mountain View	Santa Clara	2 Chemistry
J1822 Ross, Edward	7 Stanford (Jane Lathrop) Middle School	Palo Alto	Santa Clara	3 Physics & Astronomy
J0501 Ambatipudi, Mythri	8 Stratford Middle School	San Jose	Santa Clara	1 Biochemistry/ Molecular Biology
J0916 Mundkur, Ronak K.	8 Stratford Middle School	Santa Clara	Santa Clara	5 Electronics & Electromagnetics
J1807 Chen, Tian	8 Terman Middle School	Palo Alto	Santa Clara	5 Physics & Astronomy

## California State Science Fair Category Awards 2014 (sorted by county/ school)

<b>Project Student</b>	<b>Gd</b>	<b>School</b>	<b>City</b>	<b>County</b>	<b>Awd</b>	<b>Category</b>
J1807 Tsai, Anna	8	Terman Middle School	Palo Alto	Santa Clara	5	Physics & Astronomy
J1807 Ziskind, Ore	8	Terman Middle School	Palo Alto	Santa Clara	5	Physics & Astronomy
J2102 Brock, Grace A.	8	Baymonte Christian School	Scotts Valley	Santa Cruz	5	Product Science (Physical)
J2102 Donato, Gabriella	8	Baymonte Christian School	Scotts Valley	Santa Cruz	5	Product Science (Physical)
S1109 Freedman, Emma R.	9	Meadowridge Homeschool	Corralitos	Santa Cruz	5	Environmental Science
J0410 Gilbert, Elias B.	6	Mission Hill Junior High School	Santa Cruz	Santa Cruz	5	Behavioral & Social Sciences
J1417 Schwind, Brooke	8	Pacific Collegiate School	Santa Cruz	Santa Cruz	4	Mathematics & Software
J2220 Spence, Ferryn A.	8	Pacific Collegiate School	Santa Cruz	Santa Cruz	3	Zoology
J1735 Webb, Audrey Q.	7	Pacific Collegiate School	Santa Cruz	Santa Cruz	4	Pharmacology/ Toxicology
J0731 Roeder-Hensley, Sebastian L.	6	Rio Del Mar Elementary School	Aptos	Santa Cruz	3	Cognitive Science
S0801 Gallagher, Natalie R.	11	San Lorenzo Valley High School	Felton	Santa Cruz	4	Earth & Planetary Sciences
S0801 Lydon, Connor B.	11	San Lorenzo Valley High School	Felton	Santa Cruz	4	Earth & Planetary Sciences
J1816 Keith, Gabriel	7	Scotts Valley Middle School	Scotts Valley	Santa Cruz	5	Physics & Astronomy
J1118 Schaefer-Whittall, Emma R.	7	Scotts Valley Middle School	Scotts Valley	Santa Cruz	5	Environmental Science
J2114 Schroeck, Adrian M.	7	Scotts Valley Middle School	Scotts Valley	Santa Cruz	3	Product Science (Physical)
J0412 Hall-Zazueta, Marion	8	Orchard View School	Sebastopol	Sonoma	5	Behavioral & Social Sciences
S0415 Karri, Satya S.	10	Technology High School	Rohnert Park	Sonoma	5	Behavioral & Social Sciences
S2215 Salomon, Alia M.	11	Technology High School	Rohnert Park	Sonoma	5	Zoology
S1907 Meredith, Madison P.	11	Monache High School	Porterville	Tulare	4	Plant Biology
J1502 Basile, Dante J.	8	Los Cerritos Middle School	Thousand Oaks	Ventura	2	Microbiology (General)
J0230 Takeda, Colin S.	8	Medea Creek Middle School	Oak Park	Ventura	1	Alternative Energy
J2001 Aguilar, Emily E.	8	Phoenix Ranch School	Simi Valley	Ventura	5	Product Science (Biological)
S1509 Eyre, Joshua E.	11	Thousand Oaks High School	Thousand Oaks	Ventura	5	Microbiology (General)
S0609 Huang, Charley	12	Thousand Oaks High School	Thousand Oaks	Ventura	5	Chemistry
S0609 McGuigan, Jed W.	12	Thousand Oaks High School	Thousand Oaks	Ventura	5	Chemistry



**California Science Center**  
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2014 Special Awards

**CAPCA Agricultural Award** – For the projects that best explore the industry that makes California the state that feeds the world, the \$31 billion agriculture industry. One award in each division. Award is \$1000 in US Savings Bonds. Presented by the California Association of Pest Control Advisors.

**Senior Division:** S0526, Chaitra S. Subbarao, Monterey County

**Junior Division:** J1708, Suchitra Dara, Kern County

**Coastal Science Award** – For excellence in coastal science and/or engineering, addressing problems or providing new solutions or technology to coastal and ocean issues. Limited to projects in the Senior Division. Award is \$500 and membership in CSBPA, California Chapter. Presented by the California Shore & Beach Preservation Association.

**Award:** S1108, the team of Stacey S. Dojiri and Kelly Y. Woo, Los Angeles County

**Excellence in Environmental Education Award** – For .... One award in each division. Award is \$500. Presented by the California Environmental Education Foundation.

**Senior Division:** S1108, the team of Stacey S. Dojiri and Kelly Y. Woo, Los Angeles County

**Junior Division:** J1018, Ananya Karthik, Santa Clara County

**LA BioMed Award for Excellence in Biochemistry and Molecular Biology** – For achievement in the field of Biochemistry/ Molecular Biology. Limited to the Senior Division. Award is \$1,000. Presented by the Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center (LA BioMed).

**Award:** S0524, Vaishnavi Shrivastava, Alameda County

**Math and Science Teachers Award for Excellence in Mathematics and Computer Science Studies**– For achievement in mathematics and software studies. This is a tribute to all mathematics and science teaching professionals. Limited to projects in the Senior Division. Award is \$500. Presented anonymously.

**Award:** S1416, Nitya Mani, Santa Clara County

**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 \$500. Presented by the Center for Plant Cell Biology of the University of California, Riverside.

**Award:** S1998, Saumya R. Keremane, Riverside County

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**Raytheon Junior Achievement Award** – For those projects which demonstrate the greatest potential with ability of achieving technological breakthroughs in the six areas of computer science, electrical engineering, materials engineering, mathematics, mechanical engineering, and physics. Limited to projects in the Junior Division. Award is \$500. Presented by the Raytheon Asian Pacific Association (RAPA) – Raytheon Space and Airborne Systems Company.

**Award:** J0301, Eris D. Albert-Minckler, Los Angeles County

**Award:** J0906, Raghav Ganesh, Santa Clara County

**Award:** J1315, Holly M. Jackson, Santa Clara County

**Award:** J1409, Patrick D. Kao, San Mateo County

**Award:** J1419, Eric J. Wilson, Santa Barbara County

**Award:** J1829, Zoe Zawol, Los Angeles County

**SCAQMD Air Quality or Climate Change Award** – For the best project concerning air quality and/or climate change. One award in each division. Award is \$1500. Presented by the South Coast Air Quality Management District.

**Senior Division:** S1134, Jennifer J. Yu, Alameda County

**Junior Division:** J2001, Emily E. Aguilar, Ventura County

**Science Teachers Award for Excellence in Electronics and Electromagnetics Studies** – For achievement in electronics and electromagnetic studies. Limited to projects in the Junior Division. Award is \$500. Presented anonymously.

**Award:** J0906, Raghav Ganesh, Santa Clara County

**Silicon Boule Award** – For distinctive performance in the physical sciences. This award has been presented annually since 1995 and was originally an end piece of an ultrapure monocrystalline silicon boule. Limited to projects in the Junior Division. Award is a TRW custom designed silicon die for the space program which became an enabling technology for the CAT scan. Presented by Dale L. Hall, Senior Engineer Scientist, retired, TRW Space & Electronics.

**Award:** S0928, Amulya Vadlakonda, Santa Clara County

**Southern California BioGENEius Award** – For .... Limited to projects in the Senior Division. Award is \$500. Presented by the Southern California Biomedical Council.

**Award:** S0505, the team of Eric C. Chen and Nathan H. Ng, San Diego County

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**SPIE Optics & Photonics Award** – For the project best demonstrating scientific research and engineering applications of optical, photonic, imaging, and optoelectronic technologies. One award in each division. In the Senior Division, First Place receives \$800, Second Place receives \$500. The Junior Division Award is \$500. Award includes a one year membership in SPIE, and a certificate. Presented by SPIE, the international society for optics and photonics.

**Senior Division, First Place:** S0527, Emily S. Wang, Santa Clara County

**Senior Division, Second Place:** S1420, Kalyani Ramadurgam, San Diego County

**Junior Division:** J1406, Aaron O. Feldman, Los Angeles County

**Sushila & Chandi Charan Kar Award** – For an outstanding project in the health sciences, especially with humanitarian consequences. Award is \$1000. Presented by the Sheila Kar Health Foundation.

**Award:** S1207, Kevin K. Lee, Orange County

**UCLA Brain Research Institute Award** – For outstanding science projects in all areas of neuroscience from molecules to mind. One award in each division. Award is \$500 and a certificate. Presented by the UCLA Brain Research Institute (BRI).

**Senior Division:** S0422, Pravin Ravishanker, Santa Clara County

**Junior Division:** J0501, Mythri Ambatipudi, Santa Clara County



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**Bone Clones Mammalian Biology Award** – For outstanding performance in biology. Limited to projects in the Junior Division. Award is an exact reproduction of a Dire Wolf skull. Presented by Bone Clones Osteological Reproductions Inc.

**Award:** J1204, Cameron G. Brown, Santa Cruz County

**CAPS Science Achievement Award** – For the project best illustrating good scientific methodology in a discipline represented by members of CAPS, including physics, chemistry, biological and environmental science, toxics and energy resources. Limited to projects in the Junior Division. Award is \$100 and an plaque. Presented by the California Association of Professional Scientists.

**Award:** S1102, Albert J. Barrios, Los Angeles County

**CCGO Geoscience Award** – For an outstanding project in the field of geosciences. One award in each division. Award is \$250. Honorable Mention receives a certificate. Presented by the American Institute of Professional Geologists, California Section, and the California Council of Geoscience Organizations.

**Senior Division:** S0899, Emily B. Hughes, Riverside County

**Junior Division:** J0813, Natalie C. White, Fresno County

**Honorable Mention:** J0801, Katherine N. Bishop, Los Angeles 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, Southern California Section.

**Senior Division:** S0525, Sriram Somasundaram, Santa Clara County

**Senior Division:** S0607, Akshay R. Hampapur, Orange County

**Senior Division:** S1732, Daniel S. Yang, Orange County

**Junior Division:** J0508, Benjamin C. Liu, Los Angeles County

**Junior Division:** J0629, Haidyn N. Washburn, Fresno County

**Junior Division:** J1722, Saachi Jhandi, Butte County

**Coastal Science Award** – For excellence in coastal science and/or engineering, addressing problems or providing new solutions or technology to coastal and ocean issues. Limited to projects in the Junior Division. Award is \$250 and membership in CSBPA, California Chapter. Presented by the California Shore & Beach Preservation Association.

**Award:** J0323, Tyler E. Robertson, Fresno County

**Hauta Wissmann Foundation Life Sciences Award** – For an outstanding biology project. Limited to projects in the Junior Division. Award is an exact osteologic reproduction of a bear skull. Presented by the Hauta Wissmann Foundation.

**Award:** J1209, Emma R. Curia, San Mateo County

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**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 \$100. Presented by the Center for Plant Cell Biology of the University of California, Riverside.

**Award:** S0527, Emily S. Wang, Santa Clara County

**Plug In America EV Excellence Award** – For the best project demonstrating the benefits of plug-in vehicles or advancing the science of vehicle electrification. Award is \$200 in the Senior Division, \$100 in the Junior Division. Presented by Plug In America.

**Senior Division:** S0310, Amy Z. Dong, Orange County

**Junior Division:** J0934, Shaya Zarkesh, Santa Clara County

**Skulls Unlimited Recognition Award** – For .... Three awards will be presented. Limited to projects in the Junior Division. Award is an animal skull and a certificate. Presented by Skulls Unlimited International, Inc.

**Award:** J1216, the team of Stacy R. Halperin and Michael J. Kerrigan, Orange County

**Award:** J1223, Bailee A. Poole, Fresno County

**Award:** J1227, Catherine M. Snook, Nevada County

**Society of Petroleum Engineers Superior Technical Achievement Award** – For outstanding technical achievement in projects relating to the development of oil and/or gas resources, mechanics, subsurface fluid flow, and production of those or other energy resources through wellbores, or in projects of a technical nature requiring a high degree of independent thinking, which could be applied to the advancement of the field of petroleum engineering research and/or development. First Place is \$200; Second Place is \$100. Award includes a certificate. Presented by the Los Angeles Chapter of the Society of Petroleum Engineers.

**First Place:** J0609, Anusha Ghosh, Santa Clara County

**Second Place:** J0807, the team of Matthew A. Perri and Hayden W. Pisano, Kern County

**Southern California BioGENEius Award** – For .... Two awards to be presented in the Senior Division. First Place Award is \$200, Second Place is \$100. Presented by the Southern California Biomedical Council.

**First Place:** S0620, Shreya S. Ramayya, Los Angeles County

**Second Place:** S1506, Sara D'Souza, San Diego County

**SPIE Optics & Photonics Award** – For the project best demonstrating scientific research and engineering applications of optical, photonic, imaging, and optoelectronic technologies. One award in each division. The award in the Senior Division is \$300; in the Junior Division it is \$200. Award includes one year membership in SPIE, and a certificate. Presented by SPIE, the international society for optics and photonics.

**Senior Division:** S0324, Jason S. Provol, San Diego County

**Junior Division:** J1809, Michele L. Eggleston, San Diego County

**Junior Division:** J1815, Thomas M. Karpishin, San Mateo County

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**UC Irvine, Earth System Science Award** – For the project best demonstrating outstanding achievement in the study of Earth System Science. Limited to projects in the Senior Division. Award is \$250. Presented by the University of California, Irvine, Department of Earth System Science.

**Award:** S0805, Karen V. Pham, Orange County

**UCLA Brain Research Institute Award** – For outstanding science projects in all areas of neuroscience from molecules to mind. Two place awards in each division. First Place award is \$100, and Second Place award is \$50. Presented by the UCLA Brain Research Institute (BRI).

**Senior Division, First Place:** S0518, Natalie Ng, Santa Clara County

**Senior Division, Second Place:** S0521, Swetha Revanur, Santa Clara County

**Junior Division, First Place:** J2116, Sara O. Vargas, San Diego County

**Junior Division, Second Place:** J0731, Sebastian L. Roeder-Hensley, Santa Cruz County