

The background features a dark blue gradient with a subtle pattern of white stars and faint technical diagrams. On the right side, there are several circular diagrams resembling technical drawings or charts, with concentric circles, dashed lines, and numerical labels such as 160, 170, 180, 190, 200, 120, 130, 140, 150, 90, 100, 110, 001, 002, 003, 004, 005, 006, 007, 008, 009, 010, 011, 012, 013, 014, 015, 016, 017, 018, 019, 020, 021, 022, 023, 024, 025, 026, 027, 028, 029, 030, 031, 032, 033, 034, 035, 036, 037, 038, 039, 040, 041, 042, 043, 044, 045, 046, 047, 048, 049, 050, 051, 052, 053, 054, 055, 056, 057, 058, 059, 060, 061, 062, 063, 064, 065, 066, 067, 068, 069, 070, 071, 072, 073, 074, 075, 076, 077, 078, 079, 080, 081, 082, 083, 084, 085, 086, 087, 088, 089, 090, 091, 092, 093, 094, 095, 096, 097, 098, 099, 100. The text is centered and rendered in a bold, yellow, sans-serif font.

# **Professional Society Awards**

**2022**

**Junior Division Honorable Mention**

**American Academy of Pediatrics Climate Change  
and Health Committee**

**Ronald Wyatt**

**Chula Vista Middle School**

**Advisor: T. Tom**

**Junior Division Honorable Mention**

**American Academy of Pediatrics Climate Change  
and Health Committee**

**Alexander Colucci**

**St. John School - Encinitas, Ca**

**Advisor: G. Heins**

**Junior Division Honorable Mention**

**American Academy of Pediatrics Climate Change  
and Health Committee**

**Kayley Xu**

**The Bishop's School**

**Advisor: M. Samale**

**Senior Division Honorable Mention**

**American Academy of Pediatrics Climate Change  
and Health Committee**

**Aimee Barrett**

**Central Union High School**

**Advisor: L. Rueda**

**Senior Division Honorable Mention**

**American Academy of Pediatrics Climate Change  
and Health Committee**

**Renee Wang**

**The Bishop's School**

**Advisor: A. Pelletier**

**Winner**

**American Academy of Pediatrics Climate Change  
and Health Committee**

**Shruti Natalia**

**Scripps Ranch High School**

**Advisor: P. Fowler**

**Winner**

**American Academy of Pediatrics Climate Change  
and Health Committee**

**Grace Li**

**Scripps Ranch High School**

**Advisor: P. Fowler**



**Winner**

**American Meteorological Association**

**Bella Rose Schremmer**

**University City High School**

**Advisor: J. Bosch**

**Winner**

**American Psychological Association**

**Priscila Munoz**

**Central Union High School**

**Advisor: L. Rueda**

**Winner**

**American Society of Civil Engineers**

**Alana Bridges**

**St. Gregory The Great Catholic School**

**Advisor: S. Dasgupta**

**Winner**

**American Society of Civil Engineers**

**Olivia Poch**

**The Children's School**

**Advisor: D. Quincannon**

**Winner**

**American Society of Civil Engineers**

**Logan Whittle**

**Nazareth School**

**Advisor: M. Reed**

**Winner**

**American Society of Non-Destructive Testing (San Diego Section)**

**Zoe Fries**

**St. Didacus Parish School**

**Advisor: R. Miller**

**Winner**

**American Society of Non-Destructive Testing (San Diego Section)**

**Sarah Michelsen**

**St. John School - Encinitas, Ca**

**Advisor: G. Heins**

**Winner**

**American Society of Non-Destructive Testing (San Diego Section)**

**Nitika Tatineni**

**Canyon Crest Academy**

**Advisor: K. Hare**



**Winner**

**Armed Forces Communications and Electronics  
Association - AFCEA (Junior Division)**

**Aditya Bisain**

**Pacific Trails Middle School**

**Advisor: M. Mareth**

**Winner**

**Armed Forces Communications and Electronics  
Association - AFCEA (Junior Division)**

**Sebastian Flores**

**Mt. Helix Academy**

**Advisor: K. MacDonald**

**Winner**

**Armed Forces Communications and Electronics  
Association - AFCEA (Junior Division)**

**Dhruv Bantval**

**Pacific Trails Middle School**

**Advisor: L. McVay**

**Winner**

**Armed Forces Communications and Electronics  
Association - AFCEA (Junior Division)**

**Max Zomerdyke**

**St. Gregory The Great Catholic School**

**Advisor: S. Dasgupta**

**Winner**

**Armed Forces Communications and Electronics  
Association - AFCEA (Junior Division)**

**Matthew Nagal**

**Mt. Helix Academy**

**Advisor: K. MacDonald**

**Winner**

**Armed Forces Communications and Electronics  
Association - AFCEA (Senior Division)**

**Amy Wang**

**Westview High School**

**Advisor: S. Zhong**

**Winner**

**Armed Forces Communications and Electronics  
Association - AFCEA (Senior Division)**

**Peter Radic**

**Canyon Crest Academy**

**Advisor: A. Siegel**

**Winner**

**Armed Forces Communications and Electronics  
Association - AFCEA (Senior Division)**

**Pranav Bantval**

**Canyon Crest Academy**

**Advisor: A. Siegel**



**Winner**

**Armed Forces Communications and Electronics  
Association - AFCEA (Senior Division)**

**Ayush Nayak**

**Westview High School**

**Advisor: S. Halander**

**Winner**

**ASM Materials Education Foundation**

**Renee Wang**

**The Bishop's School**

**Advisor: A. Pelletier**

**Winner**

**Association for Women Geoscientists**

**Kayley Xu**

**The Bishop's School**

**Advisor: M. Samale**

**Winner**

**California Association of Professional Scientist  
(CAPS)**

**Aimee Barrett**

**Central Union High School**

**Advisor: L. Rueda**

**Winner**

**California Environmental Health  
Association/County of San Diego Department of  
Environmental Health**

**Ronald Wyatt**

**Chula Vista Middle School**

**Advisor: T. Tom**

**Winner**

**California Environmental Health  
Association/County of San Diego Department of  
Environmental Health**

**Samuel Lawrenz**

**St. Gregory The Great Catholic School**

**Advisor: S. Dasgupta**

**Honorable Mention**

**California School Nurse Organization San Diego -  
Imperial**

**Neha Dandu**

**Canyon Crest Academy**

**Advisor: A. Siegel**

**Junior Division 2nd Place**

**California School Nurse Organization San Diego -  
Imperial**

**Dhruv Bantval**

**Pacific Trails Middle School**

**Advisor: L. McVay**



**Junior Division 1st Place**

**California School Nurse Organization San Diego -  
Imperial**

**Leanne Fan**

**Mesa Verde Middle School**

**Advisor: R. Bird**

**Winner**

**DOD STEM Leadership Prize**

**Leanne Fan**

**Mesa Verde Middle School**

**Advisor: R. Bird**

**Winner**

**DRS Daylight Solutions**

**Alexander Colucci**

**St. John School - Encinitas, Ca**

**Advisor: G. Heins**

**Winner**

**DRS Daylight Solutions**

**Andrew Li**

**Canyon Crest Academy**

**Advisor: A. Siegel**

**Winner**

**DRS Daylight Solutions**

**Demetrios Dresios  
Vikramaditya Chandra  
Carlsbad High School  
Advisor: S. Bireddy**

**Winner**

**DRS Daylight Solutions**

**Jocelyn Zhang**

**Del Norte High School**

**Advisor: J. Cheskaty**

**Junior Division Honorable Mention**

**General Atomics Sciences Education Foundation**

**Bernardo Marce**

**Our Lady Of Guadalupe Academy**

**Advisor: J. Patton**

**Junior Division Honorable Mention**

**General Atomics Sciences Education Foundation**

**Danielle Leivers-Breise**

**The Children's School**

**Advisor: D. Quincannon**



**Senior Division Honorable Mention**

**General Atomics Sciences Education Foundation**

**Peter Radic**

**Canyon Crest Academy**

**Advisor: A. Siegel**

**Senior Division Honorable Mention**

**General Atomics Sciences Education Foundation**

**Nitika Tatineni**

**Canyon Crest Academy**

**Advisor: K. Hare**

**Winner**

**General Atomics Sciences Education Foundation**

**Dhruv Bantval**

**Pacific Trails Middle School**

**Advisor: L. McVay**

**Winner**

**General Atomics Sciences Education Foundation**

**Kara Fan**

**Westview High School**

**Advisor: M. Ingram**

**Senior Division Honorable Mention**

**Kaiser Permanente**

**Daanya Hussain**

**Bright Horizon Academy 9-12**

**Advisor: N. Nasereldin**

**Senior Division Honorable Mention**

**Kaiser Permanente**

**Maanaskumar Gantla**

**Canyon Crest Academy**

**Advisor: A. Siegel**

**Senior Division Honorable Mention**

**Kaiser Permanente**

**Rozita Kareem**

**Bright Horizon Academy 9-12**

**Advisor: N. Nasserelddin**

**Senior Division Honorable Mention**

**Kaiser Permanente**

**Zeynep Cotuk**

**Scripps Ranch High School**

**Advisor: P. Fowler**



**Winner**

**Kaiser Permanente**

**Neha Dandu**

**Canyon Crest Academy**

**Advisor: A. Siegel**

**Winner**

**Kaiser Permanente**

**Laya Anusha Vijayanand**

**Canyon Crest Academy**

**Advisor: A. Siegel**

**Winner**

**Lemelson Early Inventor**

**Danielle Leivers-Breise**

**The Children's School**

**Advisor: D. Quincannon**

**Winner**

**Marine Technology Society**

**Sarah Michelsen**

**St. John School - Encinitas, Ca**

**Advisor: G. Heins**

**Winner**

**Marine Technology Society**

**Issa Alwazir**

**Bright Horizon Academy 9-12**

**Advisor: N. Nasereldin**

**Winner**

**Marine Technology Society**

**Julian Anderson**

**St. John School - Encinitas, Ca**

**Advisor: G. Heins**

**Winner**

**Marine Technology Society**

**Bella Rose Schremmer**

**University City High School**

**Advisor: J. Bosch**

**Winner**

**Marine Technology Society**

**Rohan Bosworth**

**Poway High School**

**Advisor: K. Woldseth**



**Winner**

**Mu Alpha Theta**

**Shirley Xu**

**The Bishop's School**

**Advisor: M. Jaiclin**

**Winner**

**NASA EARTH System Science Award**

**Shruti Natalia**

**Scripps Ranch High School**

**Advisor: P. Fowler**

**Winner**

**NOAA Award**

**Shruti Natalia**

**Scripps Ranch High School**

**Advisor: P. Fowler**

**Winner**

**Office of Naval Research**

**Sarah Michelsen**

**St. John School - Encinitas, Ca**

**Advisor: G. Heins**

**Winner**

**Office of Naval Research**

**Peter Radic**

**Canyon Crest Academy**

**Advisor: A. Siegel**

**Winner**

**Office of Naval Research**

**Nitika Tatineni**

**Canyon Crest Academy**

**Advisor: K. Hare**

**Winner**

**Office of Naval Research**

**Rohan Bosworth**

**Poway High School**

**Advisor: K. Woldseth**

**Winner**

**Office of Naval Research**

**Max Zomerdyke**

**St. Gregory The Great Catholic School**

**Advisor: S. Dasgupta**



**Winner**

**Office of Naval Research**

**Lucas Michelsen**

**St. John School - Encinitas, Ca**

**Advisor: G. Heins**

**Winner**

**Office of Naval Research**

**William Gao**

**Pacific Trails Middle School**

**Advisor: S. Thacker**

**Winner**

**Price-Pottenger Nutrition Foundation**

**Tanya Mandyam**

**Mesa Verde Middle School**

**Advisor: J. Woo**

**Winner**

**Price-Pottenger Nutrition Foundation**

**Samuel Lawrenz**

**St. Gregory The Great Catholic School**

**Advisor: S. Dasgupta**

**Winner**

**Ricoh USA, Inc.**

**Lannah Garcia**

**Bonita Vista High School**

**Advisor: J. Ekstein**

**Winner**

**San Diego Astronomy Association**

**Matthew Nagal**

**Mt. Helix Academy**

**Advisor: K. MacDonald**

**Senior Division 2nd Place**  
**San Diego Astronomy Association**

**Nandana Madhukara**

**Canyon Crest Academy**

**Advisor: E. Fisher**

**Senior Division 1st Place**  
**San Diego Astronomy Association**

**Andrew Li**

**Canyon Crest Academy**

**Advisor: A. Siegel**



**Senior Division 1st Place**

**San Diego Astronomy Association**

**Vikramaditya Chandra**

**Demetrios Dresios**

**San Marcos High School**

**Advisor: S. Bireddy**

**Junior Division Honorable Mention**

**San Diego Chapter - American Society of Materials  
International (ASM)**

**Olivia Fritzler**

**St. Didacus Parish School**

**Advisor: R. Miller**

**Junior Division Honorable Mention**

**San Diego Chapter - American Society of Materials  
International (ASM)**

**Sofia Jones**

**St. Didacus Parish School**

**Advisor: R. Miller**

**Senior Division Honorable Mention**

**San Diego Chapter - American Society of Materials  
International (ASM)**

**Kara Fan**

**Westview High School**

**Advisor: M. Ingram**

**Winner**

**San Diego Chapter - American Society of Materials  
International (ASM)**

**Zeynep Cotuk**

**Scripps Ranch High School**

**Advisor: P. Fowler**

**Winner**

**San Diego Chapter - American Society of Materials  
International (ASM)**

**Antonio Moreno**

**St. Peter The Apostle Catholic School**

**Advisor: T. Fantano**

**Junior Division 2nd Place**

**San Diego County Veterinary Medical Association**

**Ronald Wyatt**

**Chula Vista Middle School**

**Advisor: T. Tom**

**Junior Division 2nd Place**

**San Diego County Veterinary Medical Association**

**Ava Brocious**

**The Children's School**

**Advisor: D. Quincannon**



**Junior Division 1st Place**

**San Diego County Veterinary Medical Association**

**Omar Abdulaziz**

**Bright Horizon Academy 6-8**

**Advisor: N. Nasereldin**

**Winner**

**San Diego County Water Authority**

**Alana Bridges**

**St. Gregory The Great Catholic School**

**Advisor: S. Dasgupta**

**Winner**

**San Diego County Water Authority**

**Cassidy Chan**

**Jessica Talavera**

**St. Michael's School - Poway**

**Advisor: L. Ray**

**Winner**

**San Diego County Water Authority**

**William Maywood**

**Bonita Vista High School**

**Advisor: . EKSTEIN**

**Winner**

**San Diego County Water Authority**

**Issa Alwazir**

**Bright Horizon Academy 9-12**

**Advisor: N. Nasereldin**

**Winner**

**San Diego County Water Authority**

**Fahad Majidi**

**Bright Horizon Academy 9-12**

**Advisor: N. Nasereldin**

**Winner**

**San Diego County Water Authority**

**Paddy Ward**

**St. Didacus Parish School**

**Advisor: R. Miller**

**Honorable Mention - 7th Grade**  
**San Diego Psychological Association**

**Aya Ajanovic**

**Bright Horizon Academy 6-8**

**Advisor: N. Naserelddin**



**Honorable Mention - 7th Grade**  
**San Diego Psychological Association**

**Caelyn Cabarios**

**Bonita Vista Middle School**

**Advisor: C. Shimasaki**

**Honorable Mention - 7th Grade**  
**San Diego Psychological Association**

**Xavier Caro**

**St. Michael's School - Poway**

**Advisor: L. Ray**

**Honorable Mention - 7th Grade**  
**San Diego Psychological Association**

**Kennedy Hall**

**Mt. Helix Academy**  
**Advisor: K. MacDonald**

**Honorable Mention - 7th Grade**  
**San Diego Psychological Association**

**James McCabe**

**St. Michael's School - Poway**

**Advisor: L. Ray**

**4th Place - 7th Grade**

**San Diego Psychological Association**

**Branden Soukup**

**Mt. Helix Academy**

**Advisor: K. MacDonald**

**3rd Place - 7th Grade**

**San Diego Psychological Association**

**Hannah Khong**

**St. Michael's School - Poway**

**Advisor: L. Ray**

**2nd Place - 7th Grade**

**San Diego Psychological Association**

**Lily Goncalves**

**St. John School - Encinitas, Ca**

**Advisor: G. Heins**

**1st Place - 7th Grade**

**San Diego Psychological Association**

**Maliya Montemayor**

**St. John School - Encinitas, Ca**

**Advisor: G. Heins**



**Honorable Mention - 8th Grade**  
**San Diego Psychological Association**

**Ashlyn Esbeck**

**St. John School - Encinitas, Ca**

**Advisor: G. Heins**

**Honorable Mention - 8th Grade**  
**San Diego Psychological Association**

**Eliora Weissler**

**Soille San Diego Hebrew Day School**

**Advisor: S. Jones**

**3rd Place - 8th Grade**

**San Diego Psychological Association**

**Leandra Liem**

**Stella Maris Academy**

**Advisor: M. Flores**

**3rd Place - 8th Grade**

**San Diego Psychological Association**

**Lauren Hill**

**Stella Maris Academy**

**Advisor: M. Flores**

**2nd Place - 8th Grade**

**San Diego Psychological Association**

**Elizabeth Cabrera**

**St. Didacus Parish School**

**Advisor: R. Miller**

**1st Place - 8th Grade**

**San Diego Psychological Association**

**Yasmina Moore**

**City Tree Christian School 6-8**

**Advisor: M. Lee**

**Honorable Mention - Senior Division**  
**San Diego Psychological Association**

**Alynnna Figueroa**

**Central Union High School**

**Advisor: L. Rueda**

**Honorable Mention - Senior Division**  
**San Diego Psychological Association**

**Samiya Mohamed**

**Bright Horizon Academy 9-12**

**Advisor: N. Nasereldin**



**2nd Place - Senior Division**

**San Diego Psychological Association**

**Priscila Munoz**

**Central Union High School**

**Advisor: L. Rueda**

**1st Place - Senior Division**

**San Diego Psychological Association**

**Natalie Botello**

**Central Union High School**

**Advisor: L. Rueda**

**Winner**

**Society for In Vitro Biology**

**Audrey Zeng**

**Del Norte High School**

**Advisor: J. Cheskaty**

**Winner**

**Society of American Military Engineers - San Diego  
Post**

**Penelope Hertzog**

**St. Gregory The Great Catholic School**

**Advisor: S. Dasgupta**

**Winner**

**Society of American Military Engineers - San Diego  
Post**

**Shruti Natalia**

**Scripps Ranch High School**

**Advisor: P. Fowler**

**Winner**

**Society of American Military Engineers - San Diego  
Post**

**Dhruv Bantval**

**Pacific Trails Middle School**

**Advisor: L. McVay**

**Winner**

**Society of American Military Engineers - San Diego  
Post**

**Shiloh Dimenstein**

**Soille San Diego Hebrew Day School**

**Advisor: S. Jones**

**Winner**

**Society of American Military Engineers - San Diego  
Post**

**Luke Qiao**

**Canyon Crest Academy**

**Advisor: A. Siegel**



**Winner**

**Society of American Military Engineers - San Diego  
Post**

**Nitika Tatineni**

**Canyon Crest Academy**

**Advisor: K. Hare**

**Junior Division 3rd Place**

**Society of Women Engineers - San Diego County  
Section**

**Hannah Housden**

**The Children's School**

**Advisor: D. Quincannon**

**Junior Division 2nd Place**

**Society of Women Engineers - San Diego County  
Section**

**Sarah Michelsen**

**St. John School - Encinitas, Ca**

**Advisor: G. Heins**

**Junior Division 1st Place**

**Society of Women Engineers - San Diego County  
Section**

**Danielle Leivers-Breise**

**The Children's School**

**Advisor: D. Quincannon**

**Senior Division 3rd Place**

**Society of Women Engineers - San Diego County  
Section**

**Jessica McWilliams**

**Scripps Ranch High School**

**Advisor: P. Fowler**

**Senior Division 2nd Place**

**Society of Women Engineers - San Diego County  
Section**

**Bella Rose Schremmer**

**University City High School**

**Advisor: J. Bosch**

**Senior Division 1st Place**

**Society of Women Engineers - San Diego County  
Section**

**Sanjana Kumar**

**Francis Parker School**

**Advisor: . Pierce**

**Winner**

**Stockholm Jr. Water Prize**

**Sarah Gao**

**Canyon Crest Academy**

**Advisor: A. Siegel**



**Winner**

**Stockholm Jr. Water Prize**

**Aimee Barrett**

**Central Union High School**

**Advisor: L. Rueda**

**Winner**

**Stockholm Jr. Water Prize**

**Issa Alwazir**

**Bright Horizon Academy 9-12**

**Advisor: N. Nasereldin**

**Winner**

**Stockholm Jr. Water Prize**

**Shruti Natalia**

**Scripps Ranch High School**

**Advisor: P. Fowler**

**Winner**

**Stockholm Jr. Water Prize**

**Bella Rose Schremmer**

**University City High School**

**Advisor: J. Bosch**

**Winner**

**The Scripps Research "Young Scientist" Award**

**Audrey Zeng**

**Del Norte High School**

**Advisor: J. Cheskaty**

**Winner**

**The Scripps Research "Young Scientist" Award**

**Chris Jung**

**Canyon Crest Academy**

**Advisor: A. Siegel**

**Winner**

**The Scripps Research "Young Scientist" Award**

**Sarah Gao**

**Canyon Crest Academy**

**Advisor: A. Siegel**

**Junior Division Honorable Mention**

**Torrey Pines Docent Society**

**Ava Brocious**

**The Children's School**

**Advisor: D. Quincannon**



**Senior Division Honorable Mention**

**Torrey Pines Docent Society**

**Aimee Barrett**

**Central Union High School**

**Advisor: L. Rueda**

**Senior Division Honorable Mention**

**Torrey Pines Docent Society**

**Ariana Ramirez**

**Zalia Jacob**

**Bonita Vista High School**

**Advisor: J. EKSTEIN**

**Winner**

**Torrey Pines Docent Society**

**Omar Abdulaziz**

**Bright Horizon Academy 6-8**

**Advisor: N. Nasereldin**

**Winner**

**Torrey Pines Docent Society**

**Jocelyn Zhang**

**Del Norte High School**

**Advisor: J. Cheskaty**

**Winner**

**U.S. Metric Association**

**Elliot Wilson**

**Bonita Vista Middle School**

**Advisor: J. Stell**

**Winner**

**US Agency for International Development**

**Agastya Sridharan**

**Scripps Ranch High School**

**Advisor: P. Flower**

**Winner**

**US Air Force**

**Danielle Leivers-Breise**

**The Children's School**

**Advisor: D. Quincannon**

**Junior Division – 3<sup>rd</sup> Place**

**WateReuse San Diego**

**Eli Vasar**

**St. Michael's School - Poway**

**Advisor: L. Ray**



**Junior Division – 2<sup>nd</sup> Place**

**WaterReuse San Diego**

**Alana Bridges**

**St. Gregory The Great Catholic School**

**Advisor: S. Dasgupta**

**Junior Division – 1<sup>st</sup> Place**

**WaterReuse San Diego**

**Kayley Xu**

**The Bishop's School**

**Advisor: M. Samale**

**Senior Division – 3<sup>rd</sup> Place**

**WateReuse San Diego**

**Fahad Majidi**

**Bright Horizon Academy 9-12**

**Advisor: N. Naserelddin**

**Senior Division – 2<sup>nd</sup> Place**

**WateReuse San Diego**

**Dahlia Navarro &  
Gianna Picart**

**Bonita Vista High School**

**Advisor: J. Ekstein**

**Senior Division – 1<sup>st</sup> Place**

**WateReuse San Diego**

**Issa Alwazir**

**Bright Horizon Academy 9-12**

**Advisor: N. Nasereldin**

**Winner**

**Yale Science and Engineering Association**

**Bella Rose Schremmer**

**University City High School**

**Advisor: J. Bosch**