



2024 PROFESSIONAL SOCIETY AWARDS

Junior Division 1st Place

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

Omar Musse

Bright Horizon Academy

Advisor: Najwan Nasereldin

Junior Division Honorable Mention

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

Danielle-Elizabeth Mensah-Baah

Nazareth School

Advisor: Marilyn Reed

Junior Division Honorable Mention

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

Amelie Roy

San Diego French American School

Advisor: Alexandra Mobley

Senior Division 1st Place

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

Sanya Kapoor

Del Norte High School

Advisor: Sabby Kapoor

Senior Division 1st Place

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

Elvin Zhang

Del Norte High School

Advisor: Juli Cheskaty

Senior Division Honorable Mention

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

Daniela Gallegos

Central Union High School

Advisor: Lourdes Rueda

Senior Division Honorable Mention

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

William Gao

Canyon Crest Academy

Advisor: Hsiu Lee

Senior Division Honorable Mention

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

David He

**Westview High School
Advisor: Scott Halander**

Senior Division Honorable Mention

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

Rachit Jaiswal

Del Norte High School

Advisor: Tim Roty

Senior Division Honorable Mention

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

Malik Mansour

Bright Horizon Academy

Advisor: Najwan Nasereldin

Senior Division Honorable Mention

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

Lilian Zeng

Del Norte High School

Advisor: Hongwei Xu

Junior Division 1st Place

American Chemical Society - San Diego

Zhizhen Chen

The Cambridge School High School

Advisor: Melissa Mayne

Junior Division 2nd Place

American Chemical Society - San Diego

Fuaad Dodi

Bright Horizon Academy

Advisor: Najwan Nasereldin

Junior Division 3rd Place

American Chemical Society - San Diego

Myla Fitzgerald

De Portola Middle School

Advisor: Michael Bridges

Senior Division 1st Place

American Chemical Society - San Diego

David He

**Westview High School
Advisor: Scott Halander**

Senior Division 2nd Place

American Chemical Society - San Diego

Vibha Yadav Ganji

Vidha Yadav Ganji

Del Norte High School

Advisor: N. Ganji

Senior Division 3rd Place

American Chemical Society - San Diego

Juhyeok Lee

Yechan Park

Scripps Ranch High / Otay Ranch High

Advisors: P. Fowler / A. Masuy



Junior Division 1st Place

American Society of Civil Engineers

Alexander Allport

The Children's School

Advisor: Diana Quincannon



Junior Division 1st Place

American Society of Civil Engineers

Jackson McGrath

The Children's School

Advisor: Tina Brown



Senior Division 1st Place

American Society of Civil Engineers

Sanya Kapoor

Del Norte High School

Advisor: Sabby Kapoor



Senior Division 1st Place

American Society of Civil Engineers

Nathan Qiu

Canyon Crest Academy

Advisor: Kaveh Shakeri

Senior Division 1st Place

American Society of Civil Engineers

Emily Zhang

Canyon Crest Academy

Advisor: Ed Gerstin

Senior Division 2nd Place

American Society of Civil Engineers

Alex Battikha

Westview High School

Advisor: Jack Silberman

Senior Division 2nd Place

American Society of Civil Engineers

Natalie Hernandez

Elijah Hutchins

Bonita Vista High School

Advisor: Jennifer Ekstein

Senior Division 2nd Place

American Society of Civil Engineers

Aviv Nahumzon

San Diego Hebrew Day School

Advisor: Julie Rivard

Senior Division 2nd Place

American Society of Civil Engineers

Evan Nordstrom

St. Gregory The Great Catholic School

Advisor: Camille Girard

Senior Division 2nd Place

American Society of Civil Engineers

Lilian Zeng

Del Norte High School

Advisor: Hongwei Xu

Junior Division Winner

American Society of Mechanical Engineers

Declan Henckels

Guhan Senthil

Pacific Trails Middle School

Advisor: Marnie Mareth

Senior Division Winner

American Society of Mechanical Engineers

Logan Brown

High Tech High North County

Advisor: Caroline Sailor



Junior Division Winner

**Armed Forces Communications
Electronics Association (AFCEA)**

Adhiban Arulseivan

Vishwanathan Vinayagam

Thurgood Marshall Middle / Pacific Trails Middle

Advisor: Marnie Mareth



Junior Division Winner

**Armed Forces Communications
Electronics Association (AFCEA)**

Rishabh Bhatia

The Rhoades School

Advisor: Roxanne Hunker



Junior Division Winner

**Armed Forces Communications
Electronics Association (AFCEA)**

Avni Chavan

Oak Valley Middle School

Advisor: Ramya Vaka



Junior Division Winner

**Armed Forces Communications
Electronics Association (AFCEA)**

Elias Hernandez

De Portola Middle School

Advisor: Micheal Bridges



Junior Division Winner

**Armed Forces Communications
Electronics Association (AFCEA)**

Jumana Kadry

Bright Horizon Academy

Advisor: Najwan Nasereldin



Junior Division Winner

**Armed Forces Communications
Electronics Association (AFCEA)**

Helene Nguyen

Nazareth School

Advisor: Marilyn Reed



Junior Division Winner

**Armed Forces Communications
Electronics Association (AFCEA)**

Samuel Sternson

The Rhoades School

Advisor: Roxanne Hunker



Junior Division Winner

**Armed Forces Communications
Electronics Association (AFCEA)**

Samarth Vaka

Oak Valley Middle School

Advisor: Ramya Vaka



Junior Division Winner

**Armed Forces Communications
Electronics Association (AFCEA)**

Leah Vinck

Nazareth School

Advisor: Marilyn Reed



Junior Division Winner

**Armed Forces Communications
Electronics Association (AFCEA)**

Virginia Zhu

Oak Valley Middle School

Advisor: Yangyang Yu



Junior Division Winner

**Armed Forces Communications
Electronics Association (AFCEA)**

Ahmad Zubaidi

Bright Horizon Academy

Advisor: Najwan Nasereldin



Senior Division Winner

**Armed Forces Communications
Electronics Association (AFCEA)**

Vikramaditya Chandra

San Marcos High School

Advisor: Sreelatha Bireddy



Senior Division Winner

**Armed Forces Communications
Electronics Association (AFCEA)**

Arnav Dagar

Canyon Crest Academy

Advisor: Kevin Hare



Senior Division Winner

**Armed Forces Communications
Electronics Association (AFCEA)**

Angelina Kim

The Bishop's School

Advisor: Anthony Pelletier



Senior Division Winner

**Armed Forces Communications
Electronics Association (AFCEA)**

Shounak Ray Chaudhuri

Francis Parker School

Advisor: John Pierce



Winner

Association for Women Geoscientists

Medha Ravi

The Rhoades School

Advisor: Roxanne Hunker



Winner

Association for Women in Science

Princess-Hafsah Aly Saad Aly

Bright Horizon Academy

Advisor: Najwan Naserelddin



Winner

Association for Women in Science

Embry Blais

Ariana Samady

The Rhoades School

Advisor: Roxanne Hunker



Winner

Association for Women in Science

Emily Diep

Connect Academy Poway Unified

Advisor: Janice Teixeira



Winner

Association for Women in Science

Leanne Fan

Westview High School

Advisor: David MacMartin



Winner

Association for Women in Science

Sarah Gao

Canyon Crest Academy

Advisor: Ed Gerstin



Winner

Association for Women in Science

Aarushi Garg

Canyon Crest Academy

Advisor: Ed Gerstin



Winner

Association for Women in Science

Riya Khushu

Francis Parker School

Advisor: John Pierce



Winner

Association for Women in Science

Kaelyn Liu

Canyon Crest Academy

Advisor: Kaveh Shakeri



Winner

Association for Women in Science

Maryam Purmul

Bright Horizon Academy

Advisor: Najwan Nasereldin



Winner

Association for Women in Science

Ella Raspotnik

The Children's School

Advisor: Tina Brown



Winner

Association for Women in Science

Bella Schere

The Children's School

Advisor: Diana Quincannon



Winner

Association for Women in Science

Olympia Sternson

The Rhoades School

Advisor: Roxanne Hunker



Winner

Association for Women in Science

Kayley Xu

The Bishop's School

Advisor: Darren Cameron



Winner

Association for Women in Science

Emily Zhang

Canyon Crest Academy

Advisor: Ed Gerstin



Junior Division 1st Place

BIA Cares

Virginia Zhu

Oak Valley Middle School

Advisor: Yangyang Yu

Junior Division 3rd Place

BIA Cares

Siri Tipirneni

Carmel Valley Middle School

Advisor: Sue Fredin



Senior Division 1st Place

BIA Cares

Nathan Qiu

Canyon Crest Academy

Advisor: Kaveh Shakeri

Senior Division 2nd Place

BIA Cares

Alex Battikha

Westview High School
Advisor: Jack Silberman



Winner

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

Isabel Ji

Torrey Pines High School

Advisor: Kristina DeVico

Winner

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

Isabella Kalapala

Mission Vista High School

Advisor: Natalie German



Winner

**Department of Defense (DoD)
STEM Leadership Prize**

Samuel Sternson

The Rhoades School

Advisor: Roxanne Hunker



Winner

Kaiser Permanente Blue Ribbon Award

Leanne Fan

Westview High School

Advisor: David MacMartin



Winner

Kaiser Permanente Blue Ribbon Award

Ronit Khushu

Francis Parker School

Advisor: John Pierce



Senior Division Honorable Mention

Kaiser Permanente Blue Ribbon Award

Joanna Amaro

Leslie Sandoval

Bonita Vista High School

Advisor: Jennifer Ekstein

Senior Division Honorable Mention

Kaiser Permanente Blue Ribbon Award

Kaelyn Liu

Canyon Crest Academy

Advisor: Kaveh Shakeri

Senior Division Honorable Mention

Kaiser Permanente Blue Ribbon Award

Kayley Xu

The Bishop's School

Advisor: Darren Cameron



Winner

Lemelson Early Inventor

Mikhael Kamshad

San Diego Hebrew Day School

Advisor: Julie Rivard



Winner

NASA Earth System Science Award

Sarah Gao

Canyon Crest Academy

Advisor: Ed Gerstin



Winner

Nature Needs SD

Embry Blais

Ariana Samady

The Rhoades School

Advisor: Roxanne Hunker



Winner

Nature Needs SD

Sarah Gao

Canyon Crest Academy

Advisor: Ed Gerstin



Winner

Nature Needs SD

Minghui Yao

Sophie Zeng

The Bishop's School

Advisor: Marcus Jaiclin



Winner

**National Oceanic and Atmospheric
Administration (NOAA) Award**

Joanna Amaro

Leslie Sandoval

Bonita Vista High School

Advisor: Jennifer Ekstein



Junior Division Winner

Office of Naval Research

Rishabh Bhatia

The Rhoades School

Advisor: Roxanne Hunker



Junior Division Winner

Office of Naval Research

Ibrahim Essa

Bright Horizon Academy

Advisor: Najwan Nasereldin



Junior Division Winner

Office of Naval Research

Nicholas Ong

La Jolla Country Day School

Advisor: Noa Parker



Junior Division Winner

Office of Naval Research

Sophia Zhou

La Jolla Country Day School

Advisor: Noa Parker



Senior Division Winner

Office of Naval Research

Alex Battikha

Westview High School

Advisor: Jack Silberman



Senior Division Winner

Office of Naval Research

Trevor Chen

Westview High School

Advisor: Scott Halander



Senior Division Winner

Office of Naval Research

Angelina Kim

The Bishop's School

Advisor: Anthony Pelletier



Senior Division Winner

Office of Naval Research

Shounak Ray Chaudhuri

Francis Parker School

Advisor: John Pierce



Winner

Regeneron Biomedical Award

Sydney Zhang

Westview High School

Advisor: Scott Halander



Winner

Ricoh USA Inc.

Steven Chen

Pacific Trails Middle School

Advisor: Marnie Mareth



Junior Division 1st Place

San Diego Astronomy Association

Zoey Chen

Carmel Valley Middle School

Advisor: Sue Fredin



Senior Division 1st Place

San Diego Astronomy Association

Vikramaditya Chandra

San Marcos High School

Advisor: Sreelatha Bireddy

Senior Division 1st Place

San Diego Astronomy Association

Nandana Madhukara

Canyon Crest Academy

Advisor: Ed Gerstin

Senior Division 2nd Place

San Diego Astronomy Association

Rohan Badal

University City High School

Advisor: Sumit Badal

Senior Division 2nd Place

San Diego Astronomy Association

Krish Mandadi

Canyon Crest Academy

Advisor: Srikanth Mandadi

Junior Division 1st Place

**San Diego Chapter - American Society
of Materials International**

Eva Allen

De Portola Middle School

Advisor: Michael Bridges

Junior Division 2nd Place

**San Diego Chapter - American Society
of Materials International**

Alexander Allport

The Children's School

Advisor: Diana Quincannon

Junior Division Honorable Mention

**San Diego Chapter - American Society
of Materials International**

Issachar Miller

San Diego Hebrew Day School

Advisor: Julie Rivard

Senior Division 1st Place

**San Diego Chapter - American Society
of Materials International**

Saanvi Dogra

Del Norte High School

Advisor: Andrea Callicott

Senior Division 2nd Place

**San Diego Chapter - American Society
of Materials International**

Jihoo Hyun

Canyon Crest Academy

Advisor: Ed Gerstin

Senior Division Honorable Mention

**San Diego Chapter - American Society
of Materials International**

Demetrios Dresios

Vassilios Dresios

Carlsbad High School

Advisor: Anastasia Velentza

Senior Division Honorable Mention

**San Diego Chapter - American Society
of Materials International**

Aryahi Gupta

Krishna Kuruvadi

Canyon Crest Academy / Francis Parker School

Advisor: T. Mauro / J. Pierce

Winner

San Diego County Dental Foundation

Aryahi Gupta

Krishna Kuruvadi

Canyon Crest Academy / Francis Parker School

Advisors: T. Mauro / J. Pierce



Junior Division Winner

**San Diego County Veterinary
Medical Association**

Sydney O'Donnell

The Rhoades School

Advisor: Roxanne Hunker



Senior Division Winner

**San Diego County Veterinary
Medical Association**

Tanya Mandyam

Westview High School
Advisor: Scott Halander



Junior Division 1st Place

San Diego County Water Authority

Aminah Siddiqui

Bright Horizon Academy

Advisor: Najwan Nasereldin

Junior Division 2nd Place

San Diego County Water Authority

Virginia Zhu

Oak Valley Middle School

Advisor: Yangyang Yu

Junior Division 3rd Place

San Diego County Water Authority

Emilio Castaneda Martinez

Chula Vista Middle School

Advisor: Tina Tom



Senior Division 1st Place

San Diego County Water Authority

Lilian Zeng

Del Norte High School

Advisor: Hongwei Xu



Senior Division 2nd Place

San Diego County Water Authority

Sanya Kapoor

Del Norte High School

Advisor: Sabby Kapoor

Senior Division 3rd Place

San Diego County Water Authority

Malik Mansour

Bright Horizon Academy

Advisor: Najwan Nasereldin

1st Place - Junior Division

San Diego Psychological Association

Maryam Purmul

Bright Horizon Academy

Advisor: Najwan Nasereldin

1st Place - Junior Division

San Diego Psychological Association

Bella Schere

The Children's School

Advisor: Diana Quincannon

2nd Place - Junior Division

San Diego Psychological Association

Princess-Hafsah Aly Saad Aly

Bright Horizon Academy

Advisor: Najwan Nasereldin

3rd Place - Junior Division

San Diego Psychological Association

Meira Adatto

San Diego Hebrew Day School

Advisor: Julie Rivard

Honorable Mention - Junior Division

San Diego Psychological Association

Sadie Altman

San Diego Hebrew Day School

Advisor: Julie Rivard

Honorable Mention - Junior Division

San Diego Psychological Association

Andrea Martinez

Nazareth School

Advisor: Marilyn Reed

1st Place - Senior Division

San Diego Psychological Association

Steve Zhang

Francis Parker School

Advisor: Emily Hart

2nd Place - Senior Division

San Diego Psychological Association

Aneesh Nudurupati

Mt. Carmel High School

Advisor: Amy Klingborg

Honorable Mention - Senior Division

San Diego Psychological Association

Luke Ceasar

Central Union High School

Advisor: Lourdes Rueda

Honorable Mention - Senior Division

San Diego Psychological Association

Spencer Foss

San Diego Jewish Academy

Advisor: Patrick Hagarman

Honorable Mention - Senior Division

San Diego Psychological Association

Izel Garcia

Central Union High School

Advisor: Lourdes Rueda

Honorable Mention - Senior Division

San Diego Psychological Association

Kavya Gopinath

Del Norte High School

Advisor: Andrea Callicot

Honorable Mention - Senior Division

San Diego Psychological Association

Esteban Munoz

Central Union High School

Advisor: Lourdes Rueda



Winner

Scripps Research "Young Scientist" Award

Leanne Fan

Westview High School

Advisor: David MacMartin



Winner

Scripps Research "Young Scientist" Award

Anirudh Kalyanaraman

Mt. Carmel High School

Advisor: Karen Wytmans



Winner

Society for In Vitro Biology

Shreeya Patel

Del Norte High School

Advisor: Courtney Craig

Junior Division 1st Place

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

Jack Pacente

Mt. Helix Academy

Advisor: Kayla MacDonald

Junior Division 2nd Place

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

Danielle-Elizabeth Mensah-Baah

Nazareth School

Advisor: Marilyn Reed

Junior Division Winner

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

Ritam Sen

**Francis Parker School
Advisor: John Pierce**

Senior Division 1st Place

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

Sarah Gao

Canyon Crest Academy

Advisor: Ed Gerstin

Senior Division 2nd Place

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

David He

**Westview High School
Advisor: Scott Halander**

Senior Division Winner

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

Trevor Chen

**Westview High School
Advisor: Scott Halander**

Senior Division Honorable Mention

Society of American Military Engineers

San Diego Post

Riya Khushu

Francis Parker School

Advisor: John Pierce



Junior Division 1st Place

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

Emily Diep

Connect Academy Poway Unified

Advisor: Janice Teixeira



Junior Division 2nd Place

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

Virginia Zhu

Oak Valley Middle School

Advisor: Yangyang Yu



Junior Division 3rd Place

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

Medha Ravi

The Rhoades School

Advisor: Roxanne Hunker



Senior Division 1st Place

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

Angelina Kim

The Bishop's School

Advisor: Anthony Pelletier



Senior Division 2nd Place

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

Aarushi Garg

Canyon Crest Academy

Advisor: Ed Gerstin



Senior Division 3rd Place

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

Kayley Xu

The Bishop's School

Advisor: Darren Cameron



Junior Division 1st Place

Torrey Pines Docent Society

Mia Bi

La Jolla Country Day School

Advisor: N. Parker



Junior Division 1st Place

Torrey Pines Docent Society

Steven Chen

Pacific Trails Middle School

Advisor: Marnie Mareth



Senior Division 1st Place

Torrey Pines Docent Society

Minghui Yao

Sophie Zeng

The Bishop's School

Advisor: Marcus Jaiclin

Senior Division Honorable Mention

Torrey Pines Docent Society

David He

Westview High School
Advisor: Scott Halander



Winner

U.S. Metric Association

Athaniel Almera

De Portola Middle School

Advisor: Michael Bridges



Winner

US Air Force

Hector Coronel-Villarreal

Central Union High School

Advisor: Lourdes Rueda



Winner

US Air Force

Naina Gandevia

Holtville High School

Advisor: Bonnie Sorenson



Winner

US Air Force

Ava Hilinski

Eastlake Middle School

Advisor: Amanda Thacker



Winner

US Air Force

Emily Zhang

Canyon Crest Academy

Advisor: Ed Gerstin



Winner

WateReuse Association - San Diego Society

Ilyas Amin

Bright Horizon Academy

Advisor: Najwan Naserelddin

Winner

WateReuse Association - San Diego Society

Charlotte Capaldi

The Rhoades School

Advisor: Roxanne Hunker



Winner

WateReuse Association - San Diego Society

David He

**Westview High School
Advisor: Scott Halander**

Winner

WateReuse Association - San Diego Society

Sanya Kapoor

Del Norte High School

Advisor: Sabby Kapoor



Winner

WateReuse Association - San Diego Society

Aminah Siddiqui

Bright Horizon Academy

Advisor: Najwan Naserelddin

Winner

WateReuse Association - San Diego Society

Lilian Zeng

Del Norte High School

Advisor: Hongwei Xu

Winner

Yale Science and Engineering Association

Demetrios Dresios

Vassilios Dresios

Carlsbad High School

Advisor: Anastasia Velentza