

GREATER SAN DIEGO

S&E
EF

SCIENCE &
ENGINEERING
FAIR

gsdsef.org

The 71st Annual GREATER SAN DIEGO SCIENCE & ENGINEERING FAIR

BALBOA PARK ACTIVITY CENTER
MARCH 11 - 16, 2025

INFORMATION AND STUDENT EXHIBITOR DIRECTORY

Qualcomm

ThermoFisher
SCIENTIFIC

PE
CG PROFESSIONAL ENGINEERS
IN CALIFORNIA GOVERNMENT

BROADCOM[®]
FOUNDATION

SCIENCES EDUCATION FOUNDATION
GENERAL ATOMICS

WALTER J. & BETTY C.
ZABLE
FOUNDATION

ASML

Lilly

SOCIETY
FOR SCIENCE

Pfizer

Collins
Aerospace

DRS DAYLIGHT
SOLUTIONS

Taiwanese American Foundation of San Diego
Taiwan Center Community Center

San Diego Zoo
Wildlife Alliance

The City of
SAN DIEGO
Parks and Recreation Department

san diego county office of
EDUCATION
FUTURE WITHOUT BOUNDARIES[™]

Welcome to the 71st Annual Greater San Diego Science and Engineering Fair!

| 2025 GSDSEF Schedule of Events | |
|---|---|
| <p>Tuesday, March 11, 2025 Sign In and Project Set Up Day</p> | <p>Project Sign in and Setup Day at the Balboa Park Activity Center (BPAC) 2145 Park Blvd., SD</p> <ul style="list-style-type: none"> • Sign in and set up projects: 1 pm to 7 pm. Bring (1) a foldable chair labeled with your name to use when not speaking to judges, (2) backboard, (3) notebook, and (4) any props. <i>Check website for items that are not allowed.</i> • Pick up pre-ordered T-shirts. Purchase GSDSEF souvenirs at the Store. |
| <p>Wednesday, March 12, 2025 Judging Day</p> | <p>Judging Day – Balboa Park Activity Center Only Students/Judges allowed during judging! <u>ALL</u> Students Exhibitors must be present throughout judging, UNTIL THE END OF ALL JUDGING. Dress in appropriate business-like attire. Flat shoes recommended. WEAR YOUR NAME BADGE! It is necessary to enter the BPAC.</p> <ul style="list-style-type: none"> • 7:15 to 8:00 am Student drop off. BRING YOUR LUNCH! No food allowed in the BPAC except to store lunches • 8:00- 11:30 am: Categorical Judging • 11:30 am to Noon: Student lunch break. Food is NOT available for purchase and you will NOT be permitted to leave to buy any. • 10:00: 2:00 pm: Professional Society Judging • 12:30-3:00 pm: Grand Awards Judging • 3:00-3:30 pm: Student pick up |
| <p>Thursday, March 13, 2025 See you at the Awards Ceremony!</p> | <p>BPAC Closed to Public Awards Ceremony 6pm – 8:30pm (Doors open at 5:30 pm) The Observatory North Park, 2891 University Avenue, San Diego</p> <ul style="list-style-type: none"> • No awards will be announced until the ceremony. ALL students receive an award. |
| <p>Friday, March 14, 2025 School Tours</p> | <p>BPAC Closed to Public-</p> <ul style="list-style-type: none"> • School Tours- Schools may bring students to view the projects. 10am-2pm. No reservations necessary. |
| <p>Saturday, March 15, 2025 BPAC Open to Public Project Takedown Day 1</p> | <p>BPAC Open to Public – 10 am – 1 pm Admission and Parking are FREE. The whole family is welcome to view projects in the BPAC! Project Take-Down (Day 1) 1 pm-3pm: Students may take down their projects.</p> <ul style="list-style-type: none"> • ALL PROJECTS MUST remain on display until 1 pm, no exceptions. • Please bring your exhibitor badge as identification to remove your project. |
| <p>Sunday, March 16, 2025 Project Takedown Day 2 Clean Up</p> | <p>Project Take-Down (Day 2) 10 am: 1 pm.</p> <ul style="list-style-type: none"> • Please bring your exhibitor badge as identification to remove your project. • If you can't pick your project up, arrange for someone else to do so. Give that person your badge and a note authorizing removal. <p>NOTE: PROJECTS NOT REMOVED BY 1 pm on Sunday, March 16 will be placed to the side until 10am on Monday, March 17. After that they will be discarded, unless prior arrangement is made. Notebooks will be emptied and distributed to schools for re-use.</p> |

Enjoy **FREE ADMISSION** to the San Diego Zoo during Fair Week!

- Free admission is offered **March 10 through March 16, 2025** only
- Offer is extended to student-exhibitors and volunteers only, and does not include family members or friends
- To enter the San Diego Zoo for free, report to any ticket window and show your official GSDSEF name badge and photo ID



**San Diego Zoo
Wildlife Alliance**

SPECIAL RECOGNITION AND THANKS

The Board of Directors and the Management Committee would like to thank the following individuals, groups and organizations for contributing time, talent, financial support, or in-kind support to our Science Fair.

SPONSORS

Premier Sponsor

\$25,000 and up

Qualcomm

Diamond Sponsors

\$15,000: \$24,999

PECG (Professional Engineers in California Government)

Thermo Fisher Scientific

Platinum Sponsors

\$10,000: \$14,999

ASML

Broadcom Foundation

General Atomics Science Education Foundation

Lilly

Society for Science

Walter J. and Betty C. Zable Foundation

Silver Sponsors

\$2,500: \$4,999

Collins Aerospace Systems

Pfizer

Bronze Sponsors

\$1,000: \$2,499

DRS Daylight Solutions

Taiwanese American Foundation of S.D.

In-Kind Sponsors

Fleet Science Center

San Diego County Office of Education

San Diego Wildlife Alliance

Area Merchants, Businesses, Community Organizations

San Diego City Parks and Recreation – Balboa Park Activity Center

Community Volunteers



About the Greater San Diego Science & Engineering Fair

Our Mission

To provide a forum encouraging young minds in their independent research in science, technology, engineering, and mathematics - and inspiring the next generation of scientific thought, discovery, and innovation.

The GSDSEF students' STEM achievements showcase how young minds can make an impact in the present and future. ...*Inspirational...motivational...transformative...* For 71 years, the GSDSEF has been encouraging young minds in their pursuits that will define the next generation of scientific thought, discovery, and innovation.

Each year since 1955, the Greater San Diego Science & Engineering Fair (GSDSEF) has provided the students of San Diego and Imperial Counties with a vital opportunity to learn and excel in Science, Technology, Engineering, and Mathematics (STEM). Now in its 71st year, the GSDSEF is very pleased to again be holding the 2025 Fair in person after virtual Fairs in 2021 and 2022. As a regional competition, we encourage students to go beyond their classroom studies to do independent research – to ask compelling questions, design and implement innovative solutions, and present and defend their results to more than 250 judges who are professionals in their fields. Winners of the highest GSDSEF awards in the Junior Division (Grades 6-8) and Senior Division (Grades 9-12) have regularly advanced and distinguished themselves in further competitions, including the California Science & Engineering Fair, International Science & Engineering Fair, Thermo Fisher Junior Innovators Challenge, and Regeneron Science Talent Search.

A special thanks goes to teachers and parents for their commitment to support students' project-based STEM learning. The GSDSEF Management Committee also deserves special recognition, as each of its 20+ members put in dozens of hours of work to plan and execute an enjoyable, safe, and rewarding Fair experience for all.

Who May Participate in the GSDSEF

Any student in grade 6 through 12 who attends a public, private, parochial or home school in San Diego County or Imperial County may enter a project for screening and possible participation in the GSDSEF.

Awards and Benefits of Participating in the GSDSEF

- The most important benefit for all student exhibitors is the opportunity to display their projects, meet with other exhibitors, and share projects and results with professional scientists and/or engineers.
- A Certificate of Merit is given to each exhibitor in recognition of his/her efforts. All students receive a Place Award ribbon on stage at the Awards Ceremony.
- First, second and third place ribbon awards are given for projects in each category in both Senior and Junior Divisions.
- Four Senior Division Grand Awards are given—2 each in the Life and Physical Sciences. These students receive monetary awards, plaques, and the opportunity to compete in the Regeneron International Science and Engineering Fair (ISEF) in May.
- Four Junior Division Grand Award winners receive cash awards and plaques.
- Four Senior and Four Junior Division Grand Award *Runners-up* receive cash awards and plaques. The top Senior Division Grand Award Runners Up will also compete in the Regeneron ISEF.
- Other Special Awards, presented on stage during the Awards Ceremony to student exhibitors, include: Taiwanese American Foundation of San Diego (a legacy Grand Award), Collins Aerospace Fred H. Rohr Memorial Award (legacy Special Award), Professional Engineers in California Government Scholarships, Mickey Award, Ronald Domb Memorial Award, Thermo Fisher Science Awards, and the Student Leadership Board Awards.
- Over 25 Professional Societies and other National Society Awards provide special awards and/or scholarships.
- Top projects in Senior and Junior Divisions are nominated and selected to participate in the California Science & Engineering Fair. In Junior Division only, the top 10% are nominated for the Thermo Fisher Scientific Junior Innovators Challenge Award, previously known as Broadcom MASTERS.
- When warranted, a Teacher of the Year Award is given a cash award in honor of Arthur Friedman, a longtime GSDSEF judge.
- Completing and defending a STEM research project distinguishes the student for exhibiting research characteristics much valued by colleges and universities.

71st Annual Greater San Diego Science & Engineering Fair – 2025



Four Divisions in the GSDSEF:
Junior Division Life Sciences (Grades 6—8); Junior Division Physical Sciences (Grades 6—8)
Senior Division Life Sciences (Grades 9—12); Senior Division Physical Sciences (Grades 9—12)



Project Categories

Animal Sciences (ANIM)
Behavioral and Social Sciences (BEHA)
Biochemistry (BCHM)
Biomedical/Health Sciences, and
Biomedical Engineering (BMDE)
Cellular and Molecular Biology (CELL)
Chemistry (CHEM)

Computational Biology and Bioinformatics (CBIO)
Computer Science and Systems Software (COMP)
Earth and Environmental Sciences (EAEV)
Engineering – Electrical, Mechanical, and Robotics (EEMR)

Engineering – Energy, Materials, and Transport (EEMT)
Mathematics (MATH)
Microbiology (MICR)
Physics and Astronomy (PHYS)
Plant Sciences (PLNT)
Product Testing (PROD) - Jr Div Only

How Projects are Invited to Participate in the GSDSEF

To participate in the GSDSEF, students go through a Screening process. Students create a 10-slide digital presentation which is screened by professionals from the science, engineering, technology, and education fields. Projects that are “recommended” are invited to participate. In 2023, screeners reviewed over 520 digital presentations for uniqueness and adequate scientific method/engineering design principles.

Who Judges the GSDSEF

This year, 250+ judges from the science and education communities evaluate projects and interview students to determine place awards. These judges are scientists, engineers, technology experts, university professors, specialists and retired educators – the majority of whom have doctorates, masters, or bachelor degrees in their respective fields. Judges for Grand Awards have 5 or more years of science fair judging experience. Additionally, 50+ professional societies and organizations provide more than 100 special awards and scholarships.



Standards for Judging Science Fair Projects

The GSDSEF projects are judged by Standards aligned with the Regeneron International Science and Engineering Fair.

CREATIVITY:

Originality of problem, uniqueness of approach. The handling and interpretation of data should be commensurate with the grade level of the student. Ingenious use of equipment and materials is considered without regard to the cost of the items involved. The project demonstrates imagination and inventiveness, and often offers different perspectives, new possibilities or new alternatives.

SCIENTIFIC THOUGHT/ENGINEERING GOALS – Design and Methodology:

Scientific Thought: The project shows evidence of depth of study and effort in employing scientific procedures in the solution of a clearly defined problem including study of background, organized procedures, appropriate sampling, orderly recording and analysis of data and the formulation of logical conclusions. Research question is clear, focused and testable, and identifies contribution to the field of study. There is a well-designed plan with systematic, appropriate and complete data collection methods, defined variables/controls, and conclusions are based on results and data analysis. **Engineering Goals:** The project has a clear objective relevant to the needs of the potential user with defined criteria for the proposed solution. The product/process has been tested, is workable and feasible economically and ecologically, and demonstrates the intended design and objective.

THOROUGHNESS:

Science Projects: The study is complete within the scope of the problem. Scientific literature has been searched, experiments have been repeated and careful records have been kept. Data collection and analysis is systematic and sufficient with appropriate application of statistical methods to support interpretation and conclusions. **Engineering Projects:** The project demonstrates the development of the process/prototype/model. Prototype has been tested in conditions/trials of intended usage and demonstrates engineering skills.

SKILL:

Due credit is given for any special skills needed for the construction or use of equipment and for mathematical, computational, and observational & design skills, as well as whether project has been done at a school laboratory or in a research laboratory, and the degree of any assistance, mentoring, or professional guidance has been given.

CLARITY:

The purpose, procedures and conclusion are clearly explained orally and through a display. Graphics and legends are understandable and clear. The project notebook is well organized, neat and accurate, and complete. Sources of ideas, data and assistance are clearly identified and supporting documentation is clearly cited.

TEAM PROJECTS:

The tasks and contributions of each team member are clearly outlined, and both team members are familiar with all aspects of the project. The final work reflects the coordinated efforts of both team members.

The Board of Directors, Management Committee members, and Screeners are volunteers who give their time and expertise to produce the Greater San Diego Science & Engineering Fair.

BOARD OF DIRECTORS:

Dr. Earl Williams, NAVWAR – GSDSEF Board of Directors President

Ms. Vickie Driver, Zim Biosciences

Mr. Sam Ferguson, Lockheed Martin – Board Recorder

Dr. Donna Kritz-Silverstein, UCSD

Mr. William Proffer, Leidos

Mr. Sany Zakharia, Qualcomm – GSDSEF Treasurer

Mr. Steve Rodecker, Science Fair Director

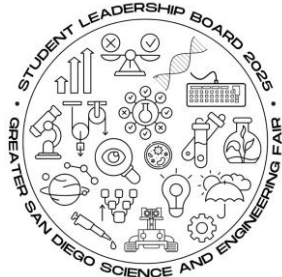
MANAGEMENT COMMITTEE:

- **Rose Armour:** Student Participation Process / Screening (**Lead**); Outreach & Guidance; IT
- **Kris Buchanen:** BPAC Setup & Teardown; Statistics & Data Analysis
- **Vickie Driver:** Judge Management (**Lead**); Judging Processes & Guidance; BPAC Setup & Teardown; Affiliated Fairs; IT
- **Jennifer Eveleth:** Judge Management
- **Sam Ferguson:** Awards Ceremony (**Lead**)
- **Lou Fowler:** Statistics & Data Analysis (**Lead**)
- **Sarah Gao:** SLB & Student Guidance (**Lead**); Awards Ceremony
- **Donna Kritz-Silverstein:** Outreach Guidance; Judging Processes & Guidance; Statistics & Data Analysis
- **Gina Martin:** Student Participation Process; Printing, Publications & Signage
- **Nadine Martin:** Parking, Security & Flow (**Lead**); Printing, Publications & Signage
- **Alyssa Mroczek:** Judging Processes & Guidance; Volunteer Recruiting & Guidance; Affiliated Fairs;
- **Sejal Pabari:** Professional Societies Management (**Lead**); Judging Processes & Guidance; Affiliated Fairs; IT
- **Vipul Pabari:** Professional Societies Management; BPAC Setup & Teardown
- **Tiffani Phillips,** Outreach & Guidance; SLB & Student Guidance
- **Bill Proffer:** Judging Processes & Guidance; IT
- **Jelen Rodecker:** Publications & Printing, BPAC Setup
- **Steve Rodecker:** Fair Director
- **Hal Slater:** Size/Safety & Student Check-In (**Lead**); Volunteer Recruiting & Guidance
- **Douglas Smith:** Hospitality (**Lead**); Size/Safety & Student Check-In;
- **Adina Sobo:** Printing, Publications & Signage (**Lead**); Awards Ceremony
- **Olivia Tian:** Volunteer Recruiting & Guidance (**Lead**); Parking, Security & Flow
- **Jessica Ulyyot:** Gift Shop & T-Shirts (**Lead**); Student Participation Process; IT; PR/Social Media & History
- **Diane Vermeulen:** BPAC Setup & Teardown
- **Earl Williams:** Judging Processes & Guidance (**Lead**); IT (**Lead**); Judge Management; Awards Ceremony; PR/Social Media & History
- **True Xiong:** Professional Societies Management; Hospitality; Gift Shop & T-Shirts
- **Sany Zakharia:** Affiliated Fairs (**Lead**); PR/Social Media & History (**Lead**); Judge Management; BPAC Setup & Teardown; Awards Ceremony

The Greater San Diego Science & Engineering Fair Board of Directors would like to give special recognition and appreciation to the Screening Volunteers for the many hours they spent reviewing over 500 submitted project presentations.

Screening Volunteers:

Rose Armour
Gary Dorrance
Gina Martin
Terry Thedell
Ann Welton
Jessica Ulyyott
Hilde van den Bergh



STUDENT LEADERSHIP BOARD



Officers

President – Sarah Gao
Vice President of Activities – Leanne Fan
Vice President of Outreach – Arnav Dagar
Secretary – Saanvi Dogra
Treasurer – William Gao

Student Leadership Board Members:

Adhiban Arulseivan: *Scripps Ranch High School*
Anirudh Kalyanaraman: *Mt. Carmel High*
Anvay Yadav: *Del Norte High School*
David He: *Westview High School*
Dhruv Bantval: *Canyon Crest Academy*
Dishti Wadhvani: *Del Norte High School*
Ethan Leem: *Canyon Crest Academy*
Grace Yao: *The Bishop's School*
Ihan Sung: *Eastlake High School*
Jaelyn Liang: *Westview High School*
Jeyanth Narayan Parthasarathy: *Canyon Crest*

Kate Xu: *Del Norte High School*
Leanne Fan: *Westview High School*
Lily Long: *Sage Creek High School*
Mason Raymond: *Steele Canyon High School*
Max Lau: *Westview High School*
Medha Aravind: *Del Norte High School*
Micah Hall: *Steele Canyon High School*
Nandana Madhukara: *Canyon Crest Academy*
Nithika Vivek: *Del Norte High School*
Parth Saxena: *Scripps Ranch High School*
Rebecca Leeman: *Torah High School*

Riya Khushu: *Francis Parker School*
Sarah Gao: *Canyon Crest Academy*
Sophie Zeng: *The Bishop's School*
Spencer Foss: *San Diego Jewish Academy*
Srija Sengupta: *Westview High School*
Steve Zhang: *Francis Parker School*
Steven Chen: *Canyon Crest Academy*
Tanya Mandyam: *Westview High School*
Virginia Zhu: *Del Norte High School*
William Gao: *Canyon Crest Academy*
Zinia Khattar: *Del Norte High School*

The Student Leadership Board is the GSDSEF's Honor Society. They:

- work closely with the Management Committee to help organize and promote the GSDSEF.
- engage in outreach to local schools for boosting interest in STEM and the GSDSEF.
- host eight workshops to guide students through the process of conducting and presenting a STEM project.
- conduct a Peer Mentorship Program with students receiving one-on-one advisory from an SLB member.
- run all GSDSEF social media accounts.
- present at a Science Expo Day to spread the love for STEM to families in the GSDSEF and San Diego communities.
- film tutorial and "how to" videos for the GSDSEF YouTube Channel.
- select two projects for the SLB Awards and present these awards at the Awards Ceremony.

The SLB is a great place for students from diverse backgrounds to share their passion for STEM in the community.

Learn more about the SLB: Message us on:

Instagram (@gsdsef), Twitter (@gsdsefofficial), Facebook (@sandiegosciencefair), or email (gsdsefslb@gmail.com).

The Student Leadership Board would like to thank for their sponsorship: DRS DAYLIGHT SOLUTIONS



GREATER SAN DIEGO

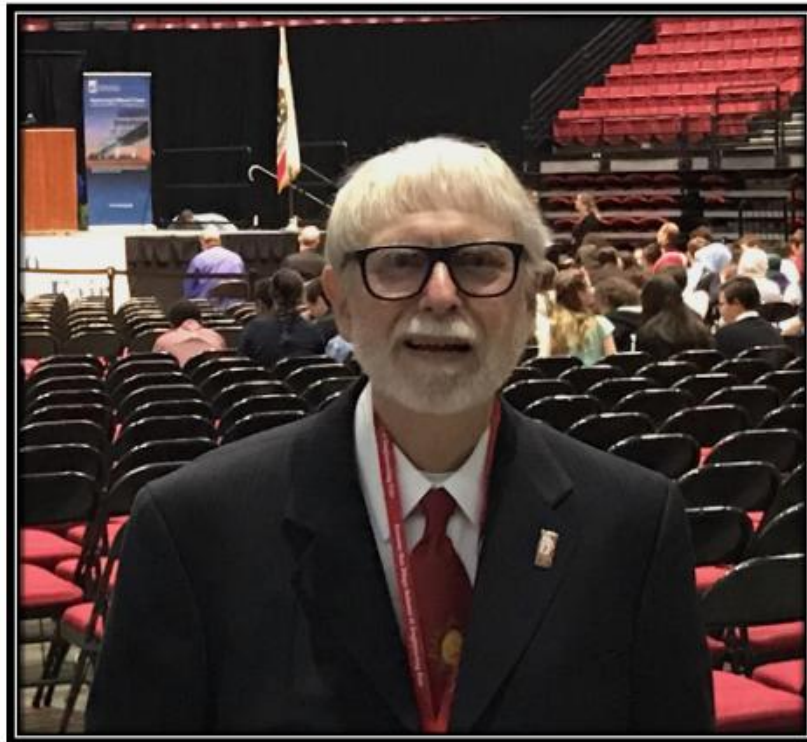
In Memoriam

Phil Gay

Fair Director and GSDSEF Board CEO/CFO Emeritus

Phil Gay was active in the GSDSEF for over 60 years as a teacher, Management Committee Member, Fair Director, and Board Member. His legacy in the GSDSEF is immeasurable. The Science Fair was his passion and mission. He was the voice and face of the Fair for decades, and tens of thousands of San Diego and Imperial County students were positively impacted by Phil. The GSDSEF thanks Phil for his many years of devotion and dedication in making this organization into one of the most successful regional student STEM competitions in the US.

Phil, you will be missed!



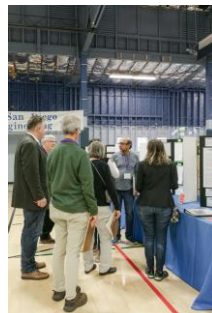
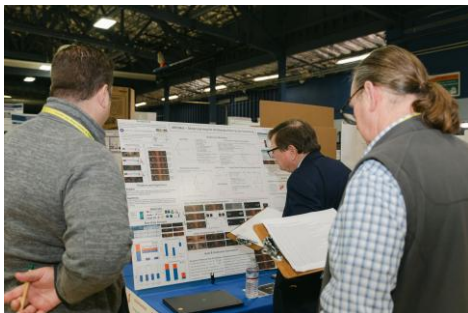
ORGANIZATIONS PROVIDING JUDGES TO THE 71st ANNUAL GSDSEF



The GSDSEF thanks the following companies, organizations, and schools for providing judges for the 2025 GSDSEF and would like to express sincere gratitude to the judges for their commitment, dedication, willingness, and flexibility to be a part of this year's judging. There would be no Fair without these dedicated professionals who take the time out of their busy schedules to talk with students, share their own passion for Science, Technology, Engineering, and Math and encourage these talented young minds in their pursuits to be the next generation of scientific and technological discovery and innovation.



- 3D Systems, Inc.
- Amdicit Designs and Consulting
- Aurorae
- Banck Clinical Research Center
- BEN AI
- BEWiSE
- BioLegend
- BIOS Lighting
- Booz Allen Hamilton
- Brightseedbio
- Broadcom Limited
- California Coastal Commission
- CalTech
- Caltrans
- Charles River Laboratories
- Cibus LLC
- City of San Diego
- Club Xcite
- Collins Aerospace
- County of San Diego
- DAS
- Deep Dive, LLC
- Del Cover Woodworking
- Diane Ritchey-Andrews, Atty at Law
- DTx Pharma
- Eli Lilly & Co
- Enabling Transformations
- Full Stack Bioinformatics LLC
- GDIT
- GE Power Generation
- General Atomics
- George Washington Univ.
- GOOGLE
- Hewlett Packard
- IEC
- Illumina
- Immersion Legal LLC
- Inova Diagnostics
- Intel
- JAMAR POWER
- JPL
- Mesa College
- Mirati (A BMS company)
- MITRE Corporation
- National Weather Service
- Naval Health Research Center
- NIWC Pacific
- Novartis
- NOVO Engineering, Inc.
- One Mind Learning
- Optical Services Company
- Palomar Health
- ParaFi Capital
- Pastaspace Interactive, LLC
- Pfizer Inc
- Porpoise Robotics
- Princeton University Plasma Physics Laboratory
- PUSD
- Qualcomm, Inc.
- QUASAR Federal Systems
- Ramona Research
- RayzeBio Therapeutics
- Rivian Automotive LLC
- Safe-T-Flight
- SAIC
- San Diego City College
- San Diego County Air Pollution Control Dist
- San Diego Jewish Academy
- Salk Institute
- San Diego Miramar College
- San Ysidro Health Center
- SCADA Integrations
- Scripps Clinic
- SDSU
- ServiceNow
- Sharp Chula Vista Medical
- Sigma Chi
- Solve Therapeutics, Inc.
- Southwestern College
- Teradata
- The LEAGUE of Amazing Programmers
- The MITRE Corporation
- The Pokemon Company International
- The San Diego Biomedical Research Institute
- The Scripps Research Institute
- ThermoFisher
- Trefoil Therapeutics
- Truvian
- U.S. Geological Survey
- UC Irvine
- UCSD
- University of San Diego
- University of Virginia
- VCA
- Werfen Autoimmunity
- WuXi Biologics
- ZenobiaTherapeutics/XplorStem



Professional Society and Recognition Awards

The Greater San Diego Science & Engineering Fair wishes to thank the Professional Societies and Organizations that have sponsored student awards over the years. These awards vary from year to year. Each Professional Society or Organization determines their own judging standards and awards based on their organization's unique criteria. They provide more than 100 special recognition awards and scholarships to students totaling over \$20,000. Professional Societies and Organizations may choose for GSDSEF to distribute awards and scholarships or they may choose to award students at their Society's board meetings or banquets. Eligibility criteria and awards vary greatly; if you would like additional information or wish to sponsor a Professional Society Award, please reach out to the Professional Society Coordinator.

PROFESSIONAL SOCIETIES AND ORGANIZATIONS

- AFCEA: Armed Forces Communications and Electronics Association
- American Academy of Pediatrics Climate Change & Health Committee
- American Chemical Society: San Diego
- American Institute of Aeronautics and Astronautics
- American Society of Civil Engineers (ASCE)
- American Society of Materials International (ASMI) San Diego Chapter
- American Society of Mechanical Engineers
- American Society of Non Destructive Testing (San Diego Section)
- Association for Women in Science: San Diego
- Building Industry Association Cares
- California Association of Professional Scientists
- California School Nurse Organization: San Diego/Imperial
- DRS Daylight Solutions
- Collins Aerospace Fred H. Rohr Science Award
- General Atomics Sciences Education Foundation
- Kaiser Permanente Blue Ribbon Award
- Marine Technology Society
- Nature Needs SD
- Professional Engineers in California Government
- San Diego Astronomy Association (SDAA)
- San Diego Chapter of the WasteReuse Association
- San Diego County Dental Foundation
- San Diego County Veterinary Medical Association
- San Diego County Water Authority
- San Diego Psychological Association
- Scripps Research Young Scientist Award (SRYS)
- SD Environmental Professionals Group
- Society of American Military Engineers
- Society of Women Engineers, San Diego County Section
- The Biophysical Society
- Thermo Fisher Scientific Equity and Inclusion Award
- Torrey Pines Decent Society

ISEF AFFILIATED AWARDS:

- American Psychological Association
- Association for Women Geoscientists
- DoD STEM Leadership Prize
- NASA Earth System Science Award
- National Geographic Award
- National Oceanic and Atmospheric Administration "Taking the Pulse of the Planet" Award
- Office of Naval Research (US Navy / US Marine Corps)
- Regeneron Biomedical Science Award
- Ricoh USA, Inc.
- Society for In Vitro Biology
- US Air Force
- US Agency for International Development (USAID)
- US Metric Association
- Yale Science and Engineering Association

OTHER NATIONAL/INTERNATIONAL AWARDS:

- Lemelson Early Inventor Prize
- Thermo Fisher Scientific Junior Innovators Challenge

The following Special Awards and Recognitions are presented on stage during the Awards Ceremony:

- Arthur Friedman Memorial Science Fair Teacher of the Year
- BD Awards for "Advancing the World of Health"
- Broadcom Foundation Coding with Commitment Award
- Collins Aerospace Fred H. Rohr Award
- Grand Awards
- Mickey Award in honor of Ron Mickelson
- Professional Engineers in California Government Scholarships
- RED Award: Ronald E. Domb Memorial Award
- Student Leadership Board (SLB) Awards
- Taiwanese American Foundation of San Diego
- Thermo Fisher Scientific Award

HIGHLIGHTS from the 2024 GSDSEF

In the 2024: 70th Annual Greater San Diego Science and Engineering Fair, we had:

- Over 500 students in San Diego and Imperial Counties submitted proposals for SRC Approval, and 322 completed projects and entered the GSDSEF.
- 314 total student exhibitors went through interviews with the judges
- 176 Junior Division student exhibitors submitted projects: 150 Individual Projects, 26 Team Projects
- 146 Senior Division student exhibitors submitted projects: 109 Individual Projects, 18 Team Projects
- 53 schools participated from San Diego County and Imperial County: 24 schools participated in Junior Division and 29 high schools participated in Senior Division
- 100 projects that qualified for the California Science and Engineering Fair (CSEF)
- 4 Grand Awards in Senior Division and 4 Grand Awards in Junior Division
- 4 Grand Award Runners-Up in Senior Division and 4 Grand Award Runners-Up in Junior Division

CATEGORY AWARDS:

Junior Division: 59 First Place, 63 Second Place, 49 Third Place

Senior Division: 59 First Place, 48 Second Place, 37 Third Place

GRAND AWARDS:

Grand Award Winners: Senior Life Sciences

- **Leanne Fan**, Gr. 10, Westview High School: *ISEF FINALIST*
- **Nithika Vivek**, Gr. 10, Del Norte High School: *ISEF FINALIST*

Grand Award Winners: Senior Physical Sciences

- **Angelina Kim**, Gr. 11, The Bishop's School: *ISEF FINALIST*
- **Arnav Dagar**, Gr. 10, Canyon Crest Academy: *ISEF FINALIST*

Grand Award Runners- Up: Senior Life Sciences

- **Zinia Khattar**, Gr. 11, Del Norte High School, *SEF FINALIST*
- **Sydney Zhang**, Gr. 11, Westview High School

Grand Award Runners-Up: Senior Physical Sciences

- **Sarah Gao**, Gr. 11, Canyon Crest Academy: *ISEF FINALIST*
- **Alex Battikha**, Gr. 11, Westview High School

The Taiwan Award:

Alex Battikha, Gr. 11, Westview High School

Grand Award Winners: Junior Life Sciences

Yaalini Kathiravan and Arunchalam Vinayagam, Gr. 7 and Gr. 8, Pacific Trails Middle School
Steven Chen, Pacific Trails Middle School, Gr. 8

Grand Award Winners: Junior Physical Sciences

Declan Henckels and Guham Senthil, Gr. 8 and Gr. 8, Pacific Trails Middle School
Oliver Cottrell, Gr. 6, La Jolla Country Day School

Grand Award Runners-Up: Junior Life Sciences

Bella Schere, Gr. 8, The Children's School
Omar Abdulaziz and Anabia Ehsan, Gr. 8 and Gr. 7, Thurgood Marshall Middle School

Grand Award Runners-Up: Junior Physical Sciences

Samuel Sternson, Gr. 8, The Rhoades School
Yusra Salem, Gr. 6, Bright Horizon Academy

For complete 2023 GSDSEF Results of category award winners, special award winners, and professional society award winners, please check under the About tab on our website, gsdsef.org.

GSDSEF is an Affiliate of the following:

Regeneron International Science and Engineering Fair (ISEF)
California Science and Engineering Fair (CSEF)
Thermo Fisher Scientific Junior Innovators Challenge

Highlights from Affiliated Fairs

REGENERON International Science and Engineering Fair (ISEF) Results:

The Regeneron International Science and Engineering Fair was held on May 11 to May 17, 2024 in Los Angeles. The competition featured nearly 2000 students from across the United States and 70 countries, territories, and regions across the world. Over \$9 million dollars was awarded to finalists at the Special Awards Ceremony and Grand Awards Ceremony. Approximately one third of students receive an Award.



Regeneron ISEF Grand Awards 2024:

- **Second Award in Translational Medical Science** (\$2,000 Award): Leanne Fan, Westview High School, Grade 10
- **Second Award in Biomedical and Health Sciences** (\$2,000 Award): Zinia Khattar, Del Norte High School, Grade 11
- **Third Award in Engineering Technology: Statistics & Dynamics** (\$1,000): Angelina Kim, The Bishop's School, Grade 11

Regeneron ISEF 2024 Special Awards Winners:

- **NASA 1st Prize (\$3,000)**: Leanne Fan, Westview High School, Grade 10
- **IEEE Foundation President's Scholarship 1st Prize (\$10,000)**: Angelina Kim, The Bishop's School, Grade 11
- **EPA Patrick H. Hurd Sustainability Award Honorable Mention**: Sarah Gao, Canyon Crest Academy, Grade 11

Regeneron ISEF 2024 Finalists:

- Arnav Dagar, Canyon Crest Academy, Grade 10
- Nithika Vivek, Del Norte High School, Grade 10



California Science and Engineering Fair Results: 100 GSDSEF projects qualified for the California Science and Engineering Fair.

Approximately 900 students participated from all over California. Only one First, Second, Third, and Fourth Awards are given in each category. Categories may award more than one Honorable Mention. 34 projects from the GSDSEF received awards:

- ❖ 20 Junior Division Projects received awards: 6 Firsts, 4 Seconds, 3 Thirds, 1 Fourth, 6 Honorable Mentions
- ❖ 22 Senior Division Projects received awards: 1 First, 4 Seconds, 2 Thirds, 5 Fourths, 10 Honorable Mentions
- ❖ 5 projects won Sponsored Awards presented by outside Sponsor organizations

Thermo Fisher Scientific Junior Innovators Challenge (TFSJIC) Results

The 2024 TFSJIC had nearly 2000 applicants from 36 states, Puerto Rico, and the U.S. Virgin Islands. From these, the top 300 were selected. The top 30 finalists were then chosen from this group. The finalists travelled to Washington DC to participate in the Finals Week of the competition. Top winners shared \$100,000 in awards.

TOP 300 Finalists:

- Steven Chen, Grade 8, Pacific Trails Middle School
- Oliver Cottrell, Grade 6, La Jolla Country Day School
- Emily Diep, Grade 8, Connect Academy @ Design 39 Campus
- Jeyanth Narayan Parthasarathy, Grade 8, Pacific Trails Middle School
- Ritam Sen, Grade 8, Francis Parker School
- Samuel Sternson, Grade 8, The Rhoades School

TOP 30 Finalist:

Oliver Cottrell, 6th Grade, La Jolla Country Day School



71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|--------|-----------|------------|----|---------------|--------|-----------------|
|--------|-----------|------------|----|---------------|--------|-----------------|

SENIOR DIVISION

Senior Division - Animal Sciences (ANIM)

| | | | | | | |
|-----|-----------|--------|----|---|-----------------------------|-----------------|
| 101 | Mandyam | Tanya | 11 | Curcumin Alleviates Inflammatory Responses in an Animal Model of Systemic Inflammation | Westview High School | L. Cox |
| 102 | Pitt | Lily | 11 | The Effects of Loratadine on <i>Dugesia Japonica</i> | Steele Canyon High School | J. Allen |
| 103 | Tachibana | Emi | 11 | Nicotine-Induced Neurotoxicity in Planarian Models: Neuronal Regeneration and Behavior | University City High School | M. Quessenberry |
| 104 | Wyatt | Ronald | 11 | Polystyrene-Based Superworm Frass and Its Theoretical Impact on Plant Nutrition | Eastlake High School | A. Williams |
| 105 | Zeng | Sophie | 11 | From Paws to People: A Statistical Assessment of the Impact of Demographic Factors on Health Outcomes in Companion Dogs | The Bishop's School | M. Jaiclin |
| 106 | DeMott | Luke | 11 | Analysis of <i>E. Fetida</i> Productivity when Provided with Varying Compost-Based Food Sources | La Jolla High School | H. Eaton |

Senior Division - Behavioral and Social Sciences (BEHA)

| | | | | | | |
|-----|-------------------|-----------------|----------|--|--------------------------------|----------------------------|
| 111 | Arce | Larisa | 11 | The Utilization of Morals on California High School Students: Connection Between Students Morality and School Academy Performance & Extracurricular Activities | Mater Dei Catholic High School | R. Pryce |
| 112 | Ajanovic | Aya | 10 | Memory Reconstruction | Bright Horizon Academy 9-12 | N. Nasereldin |
| 113 | Bhalla Im | Nupur Hannah | 11 11 | The Relationship Between Emotional Intelligence and Academic Burnout in Adolescents | Del Norte High School | J. Cheskaty J. Cheskaty |
| 114 | Diep | Emily | 9 | Automatic Visual-Acoustic Feedback of Speech Articulation for Children with Speech Sound Disorders | Westview High School | D. Loo |
| 115 | D'Souza | Aaron | 9 | Categorizing Cyber-Attacks: Analysis of Industry, Event-Type, Economic and Criminological Factors | The Cambridge School | M. Mayne |
| 116 | Estrada Romero | Adam Dalilah | 10 10 | The Effect of Social Media On Teenager's Stress Levels | Central Union High School | L. Rueda |
| 117 | Feng | Eric | 10 | Analyzing the Effects of Depression on Twitter Using Multimodel Analysis | The Bishop's School | M. Jaiclin |
| 118 | Garcia | Eric | 10 | Expectations vs. Gender. Which is More Important to Careers? | Central Union High School | L. Rueda |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|---|-----------|------------|----|--|--------------------------------|-----------------|
| Senior Division - Behavioral and Social Sciences (BEHA) cont'd | | | | | | |
| 119 | Khushu | Ronit | 11 | Using AI Based Emotion Recognition to Improve Quality of Life for People with Alexithymia and Autism Disorder | Francis Parker School | J.P. Pierce |
| 120 | Lee | Kate | 11 | Interaction Between ApoE-genotype & Lifestyle Factors with Cognition in a Latino Cohort | Canyon Crest Academy | K. Sevilla |
| 121 | Ouchmame | Zackaria | 9 | The Effects of Social Pressure on Ethical Decision Making | Bright Horizon Academy 9-12 | N. Naserelddin |
| 122 | Vadi | Ashwin | 9 | Knowledge, Attitude, Behavior and Practice Towards Microplastic Hazards among Community Dwelling Individuals in the Greater San Diego District | Del Norte High School | A. Callicott |
| 123 | Valle | Emiley | 11 | Implementing Subway Surfers in Slideshow Presentations: Effect on High School Students' Retention | Mater Dei Catholic High School | R. Pryce |
| 124 | Zaragoza | Clay | 10 | Unconscious Racism in Imperial Valley | Central Union High School | L. Rueda |

Senior Division - Biochemistry (BCHM)

| | | | | | | |
|-----|-------------------|------------------|----------|---|-----------------------|--------------|
| 131 | Bollu Lagisetti | Harshith Samhita | 10 11 | Optimizing Procedures to Enhance Sesamin Content in Sesame Seeds | Del Norte High School | C. Lagisetti |
| 132 | Chalamalasetty Li | Abhiram Anze | 11 11 | GIN Based Predictions of Potential Inhibitors Targeting Mycobacterium-Tuberculosis InhA Essential for XDR-Strains | Canyon Crest Academy | E. Gerstin |

Senior Division - Biomedical/Health Sciences, and Biomedical Engineering (BMED)

| | | | | | | |
|-----|------------|-------------|----|---|---------------------------|--------------|
| 141 | Abdulaziz | Omar | 9 | Smart Dehydration Monitoring Using Wearables: A Real-Time Sensor Fusion App | Scripps Ranch High School | A. Abdurrab |
| 142 | Abhyankar | Sara | 11 | Migraine Bot | Scripps Ranch High School | P. Fowler |
| 143 | Arulselvan | Adhiban | 9 | NeuroStimulate: Home-Based Neuropathy Real-Time Assessment with Vibration, Heat, and Machine Learning Model | Scripps Ranch High School | P. Fowler |
| 144 | Dogra | Saanvi | 11 | Uncovering Molecular Mechanisms for Treatment of Congenital Heart Defects through High-Content Genetic Perturbation Screens | Del Norte High School | A. Callicott |
| 145 | Ganji | Vidha Yadav | 11 | Novel siRNA Inhibitors for Immediate-Early BZLF1 Protein for Epstein-Barr Virus | Del Norte High School | N. Ganji |
| 146 | Grapilon | Madeline | 10 | Development of a 3D Printed Gel Electrophoresis Chamber | Eastlake High School | A. Williams |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|---|--------------|------------|----|---|-----------------------------|-----------------|
| Senior Division - Biomedical/Health Sciences, and Biomedical Engineering (BMED) cont'd | | | | | | |
| 147 | Hirman | Leah | 11 | Testing the Effectiveness of Different Kinds of FDA Approved Sunscreens on an Acetate Film Using a UVA/UVB Light Bulb | Granite Hills High School | D. Hirt |
| 148 | Hyun | Jihoo | 10 | Impact of Hydration, Temperature, and Age on Skin Capacitance and Capacitive Touch Screen Responsiveness | Canyon Crest Academy | K. Sevilla |
| 149 | Javier | Andrea | 11 | The Effect of Bath Ionic Strength on 4-point Bending Properties of Articular Cartilage | La Jolla Country Day School | R. Sah |
| 150 | Jian | Jolina | 9 | Using Piezo Transducers to Break Uric Acid Crystals in Gout | Canyon Crest Academy | M. Zerwekh |
| 151 | Kalyanaraman | Anirudh | 12 | Adverse Cardiovascular Effects of Burn Pit Exposure: The Role of Oxidative Stress | Mt. Carmel High School | H. Kalyanaraman |
| 152 | Kan | Lauren | 11 | Targeting FEN1 for the Treatment of Ewing Sarcoma Family of Tumors | Canyon Crest Academy | M. Liu |
| 153 | Kapoor | Sanya | 11 | Contribution of LMNB2 Overexpression in Brain Cancer (GBM and LGG) Progression | Del Norte High School | S. Kapoor |
| 154 | Khushu | Riya | 11 | Novel Breast Cancer Treatment: Using Gene Expression and Differential Gene Analysis for Personalized Drug Therapy | Francis Parker School | JP. Pierce |
| 155 | Kim | Seohyun | 11 | Smart Massage Chairs with Distributed Microsensor Systems for Personalized and Chronic Physiological Recording | Canyon Crest Academy | K. Shakeri |
| 156 | Liang | Donny | 9 | Aqueous Humor Protein Biomarkers for Predicting Uveal Melanoma Metastasis Risk | Rancho Bernardo High School | R. Outlaw |
| 157 | Lim | Ricky | 11 | Development and Evaluation of Nanoantibody-based Disease Diagnostics | Canyon Crest Academy | E. Gerstin |
| 158 | Zeng | Lilian | 11 | Identifying Bacteriophages, Nature's Own Secret Weapon Against Antibiotic Resistant Bacteria, for Achromobacter | Del Norte High School | H. Xu |
| 159 | Zhao | Matthew | 11 | The Contribution of Sleep Promoting Genes to Brain Volume in Drosophila | Canyon Crest Academy | K. Hare |

Senior Division - Cellular and Molecular Biology (CELL)

| | | | | | | |
|-----|--------------|-------------------|----------|---|----------------------|-------------|
| 171 | Le Nguyen | Maithy William | 12 12 | Synaptogenesis of Transplanted Inhibitory Neurons in the Adult Primary Visual Cortex | Westview High School | S. Halander |
| 172 | Leem | Ethan | 10 | Paraquat Exposure Induces Microglial Dysfunction Leading to the Loss of Neuronal Neurites | Canyon Crest Academy | K. Shakeri |
| 173 | Lim | Claire | 10 | Mitochondrial and Cellular Mechanisms Underlying Neuronal Degeneration in Parkinson's Disease | Canyon Crest Academy | K. Sevilla |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|--------|-----------|------------|----|---------------|--------|-----------------|
|--------|-----------|------------|----|---------------|--------|-----------------|

Senior Division - Cellular and Molecular Biology (CELL) cont'd

| | | | | | | |
|-----|-----|---------|----|--|---------------------|-----------|
| 174 | Yao | Minghui | 11 | Illuminating Driving Mechanism of Beneficial Host-Microbe Model: Opsin in Squid-Vibrio Symbiosis | The Bishop's School | L. Keller |
|-----|-----|---------|----|--|---------------------|-----------|

Senior Division - Chemistry (CHEM)

| | | | | | | |
|-----|----------|---------------|----------|--|---------------------------------------|------------|
| 181 | Capaldi | Charlotte | 9 | Comparing Cleavage Rates of Modified Nucleosides from a Universal Solid Support | Canyon Crest Academy | E. Gerstin |
| 182 | Huang | Lucy | 11 | Morphological Changes and Kinetic Insights of Copper(I) Oxide Nanocrystals | Torrey Pines High School | E. Aghassi |
| 183 | Park Suh | Gurnho Daniel | 10 11 | Assessing the Separations of a Biodegradable Surfactant Using TLC and Image Processing | Canyon Crest Academy Altus Schools | H. Yoo |

Senior Division - Computational Biology and Bioinformatics (CBIO)

| | | | | | | |
|-----|--------------|--------------|----------|--|-----------------------|--------------|
| 191 | Aravind | Medha | 10 | NeuroRepurpose: An In Silico Approach to Repurposing Drugs for Multiple Sclerosis Treatment | Del Norte High School | M. Nathan |
| 192 | Balam | Riti | 11 | Using Machine Learning Algorithms to Predict the Molecular Risk Score in GIST Tumors | Francis Parker School | M. Antkowiak |
| 193 | Bantval | Dhruv | 10 | Genetic Features as Predictors of Glioblastoma Treatment Effectiveness | Canyon Crest Academy | K. Hare |
| 194 | Bapat | Mihir | 10 | Multimodal Deep Learning Approach for Brain Tumor Segmentation and Prognostic Prediction | Del Norte High School | A. Callicott |
| 195 | Bhatt | Prakruti | 11 | Quantum Annealing and Deep Learning-Driven Plasma Optimization for Refolding Misfolded Proteins in Neurodegeneration | Del Norte High School | D. Vyas |
| 196 | Bojja Maturi | Rohan Nikhil | 10 10 | Computational Investigation of hIAPP Oligomer Extracellular Cytotoxicity Mechanisms: Novel Therapeutic Prevention of β -cell Dysfunction | Del Norte High School | J. Maturi |
| 197 | Cai | Ethan | 11 | Metabolomics-Based Machine Learning Diagnostics of Post-Acute Sequelae of SARS-CoV-2 Infection | Canyon Crest Academy | K. Hare |
| 198 | Chen | Hayden | 11 | EnsemBioDesc: Establishment and Optimization of Molecular Descriptor AI Ensembles for Novel MAPKAPK2 Inhibitor Identification | Del Norte High School | F. Liao |
| 199 | Ganji | Vibha Yadav | 11 | Novel Screening Mechanism for Aggregation Breakers of Alzheimer's Disease A β Protofibrils | Del Norte High School | N. Ganji |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|---|----------------|-----------------|----------|--|---|-----------------|
| Senior Division - Computational Biology and Bioinformatics (CBIO) cont'd | | | | | | |
| 200 | Gao | William | 11 | Code2Cure: A Novel Pipeline for Multiobjective Cardiovascular Drug Design Using Generative AI, Graph Neural Networks, and Molecular Dynamics | Canyon Crest Academy | H. Lee |
| 201 | Goel | Khushee | 11 | An EEG-Based Approach for Measuring IAD Risk Due to Social Media Overuse | Scripps Ranch High School | P. Fowler |
| 202 | Guha | Risha | 10 | Characterizing Calcium Propagation in Parkinson's Disease Astrocytes through Computer Simulations | Del Norte High School | A. Callicott |
| 203 | Hou | Henry | 10 | Segment-Any-Cell: Supercharging Generalized Cell Segmentation with Diffusion Synthesized Data | The Bishop's School | D. Cameron |
| 204 | Huang Huang | Bo-En Bo-Zhi | 12 10 | CCCDRP: Enhancing Multi-Omics Cancer Drug Response Prediction with Criss-Cross Attention | Westview High School | S. Halander |
| 205 | Li Wu | Albert Jacob | 11 10 | Automated Detection of Glioblastoma in Hyperspectral Imaging through Deep Learning | Westview High School Del Norte High School | C. Sun |
| 206 | Liang | Cindy | 11 | Comparison of Gut Microbiota in Healthy and Alzheimer's Patients | Del Norte High School | I. Tsigelny |
| 207 | Liu | Kaelyn | 11 | A Multi-Scale Digital Twin Model for Liver Aging | Canyon Crest Academy | K. Sevilla |
| 208 | Macha | Manasvi | 9 | A Machine Learning Solution to COPD Exacerbation Prediction | Del Norte High School | L. N. Macha |
| 209 | Madhukara | Nandana | 12 | A Novel Approach to Modeling the Effect of Protein Crowding on Cellular Membrane Shape | Canyon Crest Academy | E. Gerstin |
| 210 | Meng | Leo | 10 | Prototype and Model of a Biological Tri-state Memory Switch in Mammalian Cells | Westview High School | D. MacMartin |
| 211 | Menon | Varun | 10 | Image-Based Machine Learning for Alzheimer's Detection | Canyon Crest Academy | K. Shakeri |
| 212 | Nguyen | Tri | 11 | Predicting Solubility of Drug Molecules Using Machine Learning Models | Canyon Crest Academy | E. Gerstin |
| 213 | Oguz | Tarik | 11 | Small Changes, Big Impact- miRNAs in Lung Cancer Detection | Del Norte High School | J. Cheskaty |
| 214 | Pallapotu | Eshika | 11 | A Novel Classification Model for Alzheimer's Disease Pathogenicity Using Ligand-Receptor Variants and RNA-seq Data | Del Norte High School | R. Pallapotu |
| 215 | Parthiban | Sidhaarth | 9 | Computational Strategies to Examine Cellular Stress-related Gene Patterns in Nicotine Treated Monocytes | Westview High School | S. Halandar |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|---|------------|--------------|----------|---|-----------------------|-----------------|
| Senior Division - Computational Biology and Bioinformatics (CBIO) cont'd | | | | | | |
| 216 | Shah | Kush | 10 | Unraveling ALS: A Computational Approach to Gene Expression and Pathway Analysis | Del Norte High School | K. Shah |
| 217 | Shah | Nisarg | 11 | Accelerating Drug Discovery with a Fragment-Based Machine Learning | Del Norte High School | J. Shah |
| 218 | Shi | Ryan | 11 | Microglial CMPK2 Inhibition as a Novel Therapeutic Strategy for Major Depressive Disorder | The Bishop's School | D. Cameron |
| 219 | Srinivasan | Nikhil | 9 | Developing Quantitative/Computational Models for Optimizing Dosing Regimen of "Targeted Protein Degradator" Drugs and Improving Patient Survival in Breast Cancer | Canyon Crest Academy | M. Zerwekh |
| 220 | Tao | Christopher | 11 | Deep Learning Model for Classification of Brain Tumors | The Bishop's School | M. Jaiclin |
| 221 | Thomas | Nisa | 9 | Modeling Risk Factors for Poor Health in California Counties Utilizing the 2023 County Health Rankings Database | Del Norte High School | J. Shaia |
| 222 | Tian | Christina | 11 | Design Monoclonal Antibody Drugs for Cancer Therapy Using Molecular Simulations | Westview High School | D. MacMartin |
| 223 | Tipirneni | Aanika | 11 | Advancing Epilepsy Detection through MicroRNA Biomarkers: A Machine Learning Solution | Canyon Crest Academy | E. Gerstin |
| 224 | Uhegbu Yu | Kellen Ethan | 11 10 | Utilizing CNN Modeling to Detect Early and Flared Up Eczema | Del Norte High School | C. Uhegbu |
| 225 | Vivek | Nithika | 11 | Deep Learning Based Optimization of Immunoblotting Reaction Conditions | Del Norte High School | M. Sharma |
| 226 | Wang | Ryan | 10 | Using AI for Pericyte Research | Westview High School | S. Halander |
| 227 | Weng | Elizabeth | 10 | The Significance of Tumor Necrosis Factor in Atherosclerosis | Westview High School | D. MacMartin |
| 228 | Yadav | Anvay | 11 | Enhancing Colorectal Cancer Diagnostics through Generative Deep Learning for Multiple Modalities | Del Norte High School | M. Yadav |
| 229 | Yu | Linda | 11 | Structural Analysis of Virulence Factors Between S. aureus Strains MSSA476 and MRSA252 | Canyon Crest Academy | E. Garling |

Senior Division - Computer Science and Systems Software (COMP)

| | | | | | | |
|-----|--------|----------|----|--|-----------------------|-----------|
| 230 | Hattar | Harkirat | 11 | Adaptive Cellular Computation: Redefining the Foundations of Machine Learning and Decentralized AI | Del Norte High School | K. Hattar |
|-----|--------|----------|----|--|-----------------------|-----------|

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|--|-----------|------------|----|---|---------------------------|-----------------|
| Senior Division - Computer Science and Systems Software (COMP) cont'd | | | | | | |
| 241 | Bai | Ryan | 11 | Autonomous Multidrone Navigation and | Canyon Crest Academy | A. Dul |
| | Tantisira | Brayden | 11 | Tracking for Cinematic Aerial Filmmaking | | |
| 242 | Bisain | Aditya | 10 | Kitchen Manager | Canyon Crest Academy | E. Gerstin |
| 243 | Chandra | Neil | 10 | D-SAFENet - DNS Security and Filtering Engine for Malicious DNS Detection and Classification | Del Norte High School | M. Varma |
| 244 | Chen | Andrew | 11 | Better Plane Detection in 3D Reconstruction | Canyon Crest Academy | K. Hare |
| | Quan | Joseph | 11 | from 2D Images | | |
| 245 | Chen | Jennifer | 11 | Developing a Website to Assist with | Canyon Crest Academy | K. Sevilla |
| | Lai | Isabel | 11 | Dyscalculia Using Deep Learning Image Recognition | | |
| 246 | Choksi | Advait | 10 | Evaluating Machine Learning Models for Classifying Lung Cancer Subtypes through CT Scans | Canyon Crest Academy | A. Dul |
| 247 | Dagar | Arnav | 11 | Mapping and Estimating Homelessness | Canyon Crest Academy | K. Hare |
| 248 | Dhar | Naveen | 11 | Fighting Poaching through High Precision Real-Time Gunshot Detection Using Deep Learning and Cross-Unit Communication | High Tech High Mesa | E. Usaha |
| 249 | Ekambaram | Nikhil | 9 | Image Recognition Software to Detect | Del Norte High School | S. Soundarraju |
| | Svetina | Evan | 9 | Surgical Tools and Output Coordinates to Robot Arm | | |
| 250 | Eltepu | Shiven | 11 | Securing Multi-Agent LLM Systems Via Detection and Mitigation of Poison Propagation | Scripps Ranch High School | P. Fowler |
| 251 | Fan | Leanne | 12 | Building LLM Reasoning Models for Cheap: Salient Reasoning Traces for Cost-Efficient Test-Time Scaling | Westview High School | D. MacMartin |
| 252 | Hyun | Jeonghoo | 11 | Automated Coaching of Basketball Actions Using Keypoint-Aware Action Recognition and Video Processing | Torrey Pines High School | R. Robinette |
| 253 | Kintada | Sathwik | 9 | Leveraging Synthetic Data to Mitigate Racial Bias in Medical Skin Lesion Models | Del Norte High School | R. Kintada |
| 254 | Kowsari | Kian | 11 | Vending Machine Optimization | Scripps Ranch High School | P. Fowler |
| 255 | Liang | Jaelyn | 10 | Spiking Neurons on a Chip - A Biologically-Inspired Neuromorphic-FPGA Architecture for Energy-Efficient AI Applications | Westview High School | D. MacMartin |
| 256 | Marwah | Nalin | 11 | How to Improve Novice Cricketer's "Fast Bowling Action" Using Machine Learning Pose-estimation Model | Del Norte High School | V. Marwah |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|--|-----------|------------|----|---|-----------------------------------|-----------------|
| Senior Division - Computer Science and Systems Software (COMP) cont'd | | | | | | |
| 257 | Rezaei | Ryan | 11 | Novel Material Discovery through Geometric Deep Learning and VAE Latent Space Diffusion | Canyon Crest Academy | D. Celniker |
| 258 | Shin | Andrew | 11 | Harmonizing Human Attention and Deep Neural Networks: Gaze-Weighted Attention for Object Recognition | Canyon Crest Academy | E. Gerstin |
| 259 | Wang | Yuekai | 11 | IFEP: A Low-Cost Large Language Model Personalization Framework for Mitigating Food Waste | Rancho Bernardo High School | M. Li |
| 260 | Xie | Eric | 11 | New Approach for Efficient Voice Recognition Using Delay Differential Analysis | Torrey Pines High School | B. Belyea |
| 261 | Xing | Ella | 11 | An Immersion Campus Simulation Protection and Safety Improvement System Using Artificial Intelligence | The Bishop's School | M. Jaiclin |
| 262 | Xu | Kayley | 10 | Wearable Stethoscope Array and Localization & Diagnosis of Cardiopulmonary Sounds | The Bishop's School | M. Jaiclin |
| 263 | Zubaidi | Ahmad | 9 | MindTrack: GPS for Dementia Patients | Bright Horizon Academy 9-12 | N. Nasereldin |
| 264 | Badal | Rohan | 12 | Hallucination, Conflation and Ultracrepidarianism in Large Language Models | University City High School | V. Badal |
| 265 | Sanchez | Alfonso | 9 | Using AI to Predict Optimal Baseball Pitch Type Based on Temperature | Extraordinary Private Home School | A. Sanchez |

Senior Division - Earth and Environmental Sciences (EAEV)

| | | | | | | |
|-----|----------------|-------------|----|---|--------------------------|------------|
| 271 | Cardoso DeWalt | Mia Aaliyah | 11 | Using Mycoremediation of <i>Hysizygos tessulatus</i> Fungus (Bunapi and Bunashimeji) and <i>Agarius bisporus</i> to Mitigate Oil Spills | Bonita Vista High School | J. Ekstein |
| 272 | Chandra | Arthi | 11 | Plastic that Can Eat Itself? Improving Tensile Strength in Engineered Living Polymers | Canyon Crest Academy | A. Siegel |
| 273 | Chen | Steven | 9 | Nature-Inspired Living Device to Degrade Organic Pollutants in Water | Canyon Crest Academy | T. Agase |
| 274 | Estrada | Thalia | 11 | The Effects of Different Amounts in Charcoal on Phosphate Filtration of the Chula Vista and Otay Lakes Reservoir | Bonita Vista High School | J. Ekstein |
| 275 | Farias | Mariana | 11 | The Effect of Paper, Plastic, and Glass Pollution on Duckweed | Bonita Vista High School | J. Ekstein |
| 276 | Luna Yufe | Eva Natasha | 11 | Examining the Impact of Invasive Compared to Native Species on Soil Health | Bonita Vista High School | J. Ekstein |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|---|--------------|-----------------|----|---|---|-----------------|
| Senior Division - Earth and Environmental Sciences (EAEV) cont'd | | | | | | |
| 277 | Montiel | Nina | 11 | Correlation Between Carbon Monoxide Emissions and Life Expectancy in India | Bonita Vista High School | J. Ekstein |
| 278 | Munoz | Esteban | 11 | Dust Suppression Using Biocementation on Exposed Salton Sea Lakebed | Central Union High School | L. Rueda |
| 279 | Murphy Perry | Siffrin Janeiro | 10 | Optimal Ratio of Superworms in Polystyrene Biodegradation | Health Sciences High and Middle College | J. Bonine |
| 280 | Perez | Lisa | 11 | Effects of Copper, Chromium, and Iron on Imperial Beach vs. La Jolla | Bonita Vista High School | J. Ekstein |
| 281 | Rosal | Sophia | 11 | To What Extent Will Nicotine at Various Concentration Levels Impact <i>Phaseolus vulgaris</i> (Blue Lake Bush Bean) Growth and Germination? | Bonita Vista High School | J. Ekstein |
| 282 | Williams | Kaden | 11 | Tracking Carbon Footprint: Does Awareness Lead to Action? | Eastlake High School | A. Williams |
| 283 | Xia | Olina | 11 | Investigating Carbon Debt and Socio-Environmental Inequality in Transportation Using AI-GIS Modeling | Rancho Bernardo High School | B. Xia |
| 284 | Zhang | Austin | 11 | Smart Park Management: A Drone-Based AI Solution for Vegetation Health and Wildfire Risk Mitigation | Del Norte High School | S. Li |
| 285 | Zhu | Virginia | 9 | Design of a Low-Cost WiFi-Enabled PM2.5 Sensor Network Using IoT for Real-Time Air Quality Monitoring | Del Norte High School | Y. Yu |

Senior Division - Engineering: Electrical, Mechanical, and Robotics (EEMR)

| | | | | | | |
|-----|---------------|-----------------|----|--|-----------------------------|----------------|
| 291 | He | Daniel | 9 | Pinhole Optics Imager | Canyon Crest Academy | T. Agase |
| 292 | Hong | David | 11 | Design and Construction of an Innovative Semi-Rigid Lower Limb Exoskeleton | The Bishop's School | M. Jaiclin |
| 293 | Mansour | Malik | 10 | Advanced Robot for Precision Water Leak Detection and Autonomous Repair | High Tech High Mesa | E. Usaha |
| 294 | Parthasarathy | Jeyanth Narayan | 9 | Advanced Terrain-Adaptive Suspension Framework: Leveraging Machine Learning for Optimized Vehicle Dynamics and Adaptive Response | Canyon Crest Academy | E. Gerstin |
| 295 | Sadek | Adham | 11 | AI Based Automated Search & Rescue Unmanned Aerial Vehicle | High Bluff Academy | A. Ashour |
| 296 | Siddiqui | Aminah | 9 | Advancing Cost-Effective Space Exploration Using LESAR (Low Cost Extraterrestrial Surface Analysis Rover) | Bright Horizon Academy 9-12 | N. Naserelddin |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|--|---------------|------------|----|---|-------------------------------|-----------------|
| Senior Division - Engineering: Electrical, Mechanical, and Robotics (EEMR) cont'd | | | | | | |
| 297 | Sung | Ihan | 10 | Universal Mass Scale | Eastlake High School | A. Williams |
| 298 | Verma | Rahul | 11 | Optimization of Kinematics and Control of a Coaxial Swerve Omni Based Drive | Del Norte High School | R. Verma |
| 299 | Zheng | Chris | 10 | Optimizing the Performance of Machine Learning Algorithms for UAV-based Search-and-Rescue Systems | The Bishop's School | A. Pelletier |
| Senior Division - Engineering: Energy, Materials, and Transport (EEMT) | | | | | | |
| 311 | Chandra | Anju | 11 | Immobilization of Cyanobacteria within Hydrogels Aiding in Purified Protein Drug Delivery | Canyon Crest Academy | K. Shakeri |
| 312 | Delgado | Maya | 11 | The Thermal Resistance of Environmentally Sustainable Insulation Materials vs. Unsustainable Polystyrene Insulation | Bonita Vista High School | J. Ekstein |
| 313 | Mahendran | Pranav | 9 | Utilizing Piezoelectricity to Harness Ocean Waves for Power | Torrey Pines High School | B. Belyea |
| 314 | Ray Chaudhuri | Shounak | 11 | Novel Scalable Multiphase Autonomous Vehicle Systems for Emerging Markets | Francis Parker School | J.P. Pierce |
| Senior Division - Mathematics (MATH) | | | | | | |
| 321 | Qiu | Nathan | 11 | Reinforcement Learning Based Simulated Annealing | Canyon Crest Academy | K. Shakeri |
| 322 | Ryu | Wonhee | 11 | Breaking Modern Cryptography by Quantum Computing | Canyon Crest Academy | K. Shakeri |
| 323 | Xuan | Kailin | 11 | Efficient Algorithm and Implementation for Boole Reduction of Large Logic Expressions | The Bishop's School | M. Jaiclin |
| Senior Division - Microbiology (MCRO) | | | | | | |
| 331 | Foss | Spencer | 12 | Sucralose Exposed Bacteria's Relationship to Future Increases in Antibiotic Resistance Genes | San Diego Jewish Academy 9-12 | P. Hagarman |
| 332 | He | David | 11 | An Integrated Analysis of Marine Polyurethane Microplastic Degradation with Genetically Engineered Bacterial Biofilms | Westview High School | S. Halander |
| 333 | Lerman | Ava | 9 | Effectiveness of Ultrasonic Waves on Cyanobacteria for Algal Bloom Mitigation | San Diego Jewish Academy 9-12 | P. Hagraman |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|---|----------------------|---------------------|----------|---|-----------------------------|-----------------|
| Senior Division - Microbiology (MCRO) cont'd | | | | | | |
| 334 | Reyes Wong | Matthew Emmanuel | 10 10 | The Effect of Acidity on the Growth of Bacteria (Non Pathogenic E. Coli.) | Central Union High School | L. Rueda |
| 335 | Zhang | Amber | 10 | Designing an Ideal Pseudomonas aeruginosa Nanoparticle Vaccine Focusing on Core and Size | The Bishop's School | E. Bjanes |
| Senior Division - Physics and Astronomy (PHYS) | | | | | | |
| 341 | Barrett Cervantes | Maryanne Alexa | 10 10 | Determining the Best Material to Create an Armor | Central Union High School | L. Rueda |
| 342 | Chen | Lucas | 9 | Evaluating Effective Waveform Analysis Methods for Minimizing Background Noise in Pulsar Navigation | Francis Parker School | J.P. Pierce |
| 343 | Chen | Trevor | 12 | Perfecting Infrared Gratings for Polarized and Non-Polarized Applications | Westview High School | S. Halander |
| 344 | Choubey | Shubhay | 11 | MicroNet: A Novel Deep Learning Framework For Exoplanet Classification In Microlensing Events | Del Norte High School | F. Liao |
| 345 | Nayak | Aneesh | 9 | Using N-Body Simulations and Augmented Kepler/TESS Data for a CNN- ML Driven TTV Detection System | Westview High School | S. Halander |
| 346 | Sen | Ritam | 9 | Utilizing Deep Learning to Explore the Physics of Sprinting: A Novel Sprinting Analysis Framework | Francis Parker School | J.P. Pierce |
| 347 | Smith | Joe | 12 | Lost in the Stars: Chemical Tagging of Magellanic Clouds and Accreted Populations | Stanford Online High School | V. Sandoval |
| 348 | Sternson | Samuel | 9 | Optimization of Height and Angle of Repose of Lunar Berms | Canyon Crest Academy | A. Siegel |
| 349 | Xie | Joann | 10 | Predicting Atmospheric Spectra of Exoplanets Using Deep Learning Algorithms | Del Norte High School | J. Cheskaty |

| | | | | | | |
|--|--------------------|-------------------|----------|---|--------------------------|------------|
| Senior Division - Plant Sciences (PLNT) | | | | | | |
| 361 | Acevedo Chaidez | Isabel Roberto | 11 11 | To What Extent Does Soil Erosion Effect Plant Growth? | Bonita Vista High School | J. Ekstein |
| 362 | Bannister | Delilah | 11 | The Affect of Acid Rain pH Levels 3, 4, and 7 on the Growth and Germination of <i>Triticum aestivum</i> | Bonita Vista High School | J. Ekstein |
| 363 | Baruch | Hila | 10 | <i>Triticum aestivum</i> Seed Response to Electromagnetic and Magnetic Stimuli: A Comparative Investigation | Altus Schools | M. Ramirez |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|---|-------------------------|-------------------|----------|---|------------------------------|-----------------|
| Senior Division - Plant Sciences (PLNT) cont'd | | | | | | |
| 364 | Berke Hernandez-Ruiz | Jeremy Valeria | 11 11 | How Effective is Coral-Safe Sunscreen in Protecting Water Plants Like Water-Weed? | Bonita Vista High School | J. Ekstein |
| 365 | Dela Cruz | Charissa Myka | 11 | Investigating the Impact of Buried Plastic on Germination and Growth of <i>Raphanus sativus</i> | Bonita Vista High School | J. Ekstein |
| 366 | Luna | Diego | 12 | Organic Versus Synthetic Soil Affect on the Growth and Germination of Radishes (<i>Raphanus sativus</i>) | Bonita Vista High School | J. Ekstein |
| 367 | Luo | Anna | 11 | Allelopathic Effects of <i>Cynara cardunculus</i> on Native Coastal Sage Scrub Species | Canyon Crest Academy | K. Shakeri |
| 368 | Rodriguez | Nicholas | 12 | UV-B Radiations impact on Growth and Germination of <i>Triticum aestivum</i> - Cat Grass | Bonita Vista High School | J. Ekstein |
| 369 | Rojas | Areli | 11 | To What Extent Does the Toxicity of Chlorine Affect the <i>Raphanus sativus</i> ? | Bonita Vista High School | J. Ekstein |
| 370 | Roman | Andrea | 11 | The Effect of Microplastics on Elodea Plants | Bonita Vista High School | J. Ekstein |
| 371 | Saxena | Parth | 11 | A Novel AI-Driven Rainfall Monitoring System for Sustainable Irrigation in Developing Regions <i>(category changed to EEMR)</i> | Scripps Ranch High School | P. Fowler |
| 372 | Tipirneni | Siri | 9 | From Plants to Ecosystems: Using Nitrogen- 15 to Detect Stress | Canyon Crest Academy | E. Gerstin |
| 373 | Vergara | Frida | 11 | Fluoride vs. Growth: Analyzing Pinto Bean Germination | Bonita Vista High School | J. Ekstein |
| 374 | Zhang | Elvin | 11 | Automated Plant Disease Detection through Multi-sensory Analysis for Space Travel Application | Del Norte High School | J. Cheskaty |

JUNIOR DIVISION

Junior Division - Animal Sciences (ANIM)

| | | | | | | |
|-----|--------------------|-------------------|--------|--|--------------------------------------|-------------|
| 501 | Hollmann | Thrace | 6 | Do Young or Adult Guinea Pigs Learn Faster? | Muirlands Middle School | L. Trombley |
| 502 | Rappoport | Joshua | 8 | Music's Impact on Dogs | San Diego Hebrew Day School | D. Pink |
| 503 | Sanchez Sanchez | Eleanor Esther | 7 8 | Which Light Will Increase Your Height? | Extraordinary Private Home School | S. Sanchez |
| 504 | Toor | Sareena | 7 | Effects of Chemicals Found in Perfumes upon Planarian Head/Tail Development | La Jolla Country Day School | M. Bessler |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|--|-------------------------|---------------|--------|---|--|-------------------|
| Junior Division - Behavioral and Social Sciences (BEHA) | | | | | | |
| 511 | Anello | Dominic | 8 | The Effects of Physical Activity on Test Scores | The Children's School | D. Quincannon |
| 512 | Carver Jacobson-Dill | Jacob Cruz | 7 7 | Can Humans Identify AI Generated Materials | Mt. Helix Academy | K. MacDonald |
| 513 | Cooper | Aaron | 8 | Does Neurodivergence Affect the Way People See Ambiguous Illusions? | Community Montessori Charter School Carlsbad | I. Cooper |
| 514 | Essa | Reem | 8 | The Role of Learning Styles on Creative vs Analytical Problems | Bright Horizon Academy 6-8 | N. Naserelddin |
| 515 | Ferry | Aaron | 8 | Does Sympathy Affect Generosity | San Diego Hebrew Day School | D. Pink |
| 516 | Hammad | Ida | 8 | The Impact of Peer Pressure on Decision-Making | Bright Horizon Academy 6-8 | N. Naserelddin |
| 517 | Huguely | Raniyah | 8 | The Effect of Music on Test Performance | City Tree Christian School 6-8 | C. Glick |
| 518 | Johnson | Jayden | 7 | The Effect of Age on Human Reaction Time | City Tree Christian School 6-8 | C. Glick |
| 519 | Karthik | Arjun | 7 | The Impact of Social Media on Teen Mental Health | Oak Valley Middle School | K. Latonio-Wilson |
| 520 | Mughal | Zara | 6 | Role of Emotional State on Visual and Auditory Perception | Bright Horizon Academy 6-8 | N. Naserelddin |
| 521 | Ouznali | Duaa | 8 | Are Bilinguals Cognitively Superior to Monolinguals? | Bright Horizon Academy 6-8 | N. Naserelddin |
| 522 | Plasencia | Adrian | 7 | Can AI Trick Humans | Nazareth School | M. Reed |
| 523 | Ron | Ayelet | 7 | The Effect of Music on Arithmetic Abilities | The Bishop's School | K. Kleinertz |
| 524 | Salem | Yusra | 7 | Exploring the Impact of Immersive Vs. Traditional Learning on Student Performance | Bright Horizon Academy 6-8 | N. Naserelddin |
| 525 | Sternson | Olympia | 7 | Generational Effects on Resilience from Gen Z to the Greatest Generation | The Rhoades School | R. Hunker |
| Junior Division - Biochemistry (BCHM) | | | | | | |
| 541 | Bustos | Sebastian | 7 | Preserving Fruit with Natural Preservatives | Mt. Helix Academy | K. MacDonald |
| 542 | Hernandez | Meena | 8 | Different Sugars in Bread Rising | The Bishop's School | K. Kleinertz |
| 543 | Jasim | Reema | 8 | Will Juice Lose Its Vitamin C and How Can It Be Preserved? | Bright Horizon Academy 6-8 | N. Naserelddin |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|---|------------|------------------|----|--|----------------------------------|-----------------|
| Junior Division - Biochemistry (BCHM) cont'd | | | | | | |
| 544 | Pyla | Tanvi | 8 | Personalized Drug Design: Targeting H1 Receptor Mutations to Improve Allergy Treatment | Pacific Trails Middle School | E. Main |
| 545 | Silva | Alexia | 8 | Which Bread will Grow Mold the Fastest? | Chula Vista Middle School | T. Tom |
| 546 | Villalobos | Belen | 7 | La Dolce Vida: The Sweet Life of Bananas | St. Mary's School - El Centro | C. Lizarraga |
| Junior Division - Biomedical/ Health Sciences, and Biomedical Engineering (BMED) | | | | | | |
| 551 | Broudy | Golda | 8 | The Effects of Radiofrequency Radiation on the Development of Cancer | San Diego Hebrew Day School | D. Pink |
| 552 | Cubukcu | Emel | 7 | Back to Bach: Our Brain's Perception of Music | Muirlands Middle School | L. Trombley |
| 553 | Delgado | Flora | 7 | The Effect of Different Substances on Tooth Decay | City Tree Christian School 6-8 | C. Glick |
| 554 | Ehsan | Anabia | 8 | Reducing Pain and Anxiety During Medical Procedures in Children with Needle Phobia | Thurgood Marshall Middle School | F. Zaman |
| 555 | Gorzelski | Nicholas | 8 | Under Pressure | De Portola Middle School | M. Bridges |
| 556 | He | Lawrence | 8 | Engineering a Functionally Enhanced PD-1 Agonistic Antibody for Improved Autoimmune Disease Treatment | The Bishop's School | B. Barry |
| 557 | Kim Park | Hyunggyu JoonWoo | 8 | Reliable Gaze-Driven Medical Communication Boards Using Consistency Loss with Conjugate Gaze | Pacific Trails Middle School | M. Mareth |
| 558 | Mejia | Alitzia | 7 | Are You Drinking Plastic? Which Water Bottle Type Releases More BPA Under Heat: Thick or Thin Plastic? | Nazareth School | M. Reed |
| 559 | Noriega | Nicolas | 6 | What is the Best Way to Protect Your Skin from Ultra Violet Radiation? | St. Mary's School - El Centro | C. Lizarraga |
| 560 | Saha | Karishma | 8 | Structural Brain Volume Differences Across Cognitive Aging Stages: Evidence from MRI | Bernardo Heights Middle School | C. Mukherjee |
| 561 | Valkanov | Martin | 7 | Eco-Safe Marine Sunscreen: Development and Effectiveness Testing Against Conventional Products | San Diego French American School | A. Mobley |
| 562 | Zhang | Amy | 8 | The Healthy Consumption of Popular Drinks for Teenagers | The Bishop's School | K. Kleinertz |

Junior Division - Cellular and Molecular Biology (CELL)

| | | | | | | |
|-----|--------------------|-----------------|---|--|------------------------|-------------|
| 571 | Palombo Valenzuela | Giovanna Sophia | 8 | How Does Jellyfish Gene Affect Bacteria? | Eastlake Middle School | G. Carrillo |
|-----|--------------------|-----------------|---|--|------------------------|-------------|

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|---|---------------|---------------|--------|---|--------------------------------|-----------------|
| Junior Division - Chemistry (CHEM) | | | | | | |
| 581 | Amin | Ilyas | 8 | Eco-Friendly Corrosion Inhibitors: The Effectiveness of Plant Extracts in Rust Prevention | Bright Horizon Academy 6-8 | N. Nasereldin |
| 582 | Chua Jones | Oleisa Kenzie | 8 8 | How the Quality of Water In Poway Schools Compares to the State and Federal Water Quality Regulations | St. Michael's School - Poway | L. Ray |
| 583 | Cordes | Noah | 7 | Ice Ice Maybe | All Hallows Academy | M. Horvath |
| 584 | Croff | Nicholas | 7 | At Twelve Volts DC, What is the Most Effective Amperage to Etch Copper? | Nazareth School | M. Reed |
| 585 | Dougherty | William | 7 | The Effect of Temperature on pH and Total Dissolved Solids (TDS) in Drinking Water | Mt. Helix Academy | K. MacDonald |
| 586 | Gonzales | Camille | 7 | Fabrics to Dye For: Which Fabrics Stand Out? | Nazareth School | M. Reed |
| 587 | Jaiswal | Nityaa | 7 | Will the Amount of Time You Spend Mixing the Cake Batter Affect the Height of the Cake? | Oak Valley Middle School | P. Hewett |
| 588 | Jones | Ari'Yana | 6 | How Different Liquids Rust Metal OverTime | City Tree Christian School 6-8 | C. Glick |
| 589 | Mitchell | Ryan | 7 | The Coke Explosions | Mt. Helix Academy | K. MacDonald |
| 590 | Nguyen Nguyen | Kason Katie | 6 6 | The Recipe for Making the Longest Fizzing Bath Bomb | Mt. Helix Academy | K. MacDonald |
| 591 | Niebres | Anthony Jaye | 8 | Does the Shape of Ice Affect How Long it Takes to Melt? | Chula Vista Middle School | T. Tom |
| 592 | Oster | Oliver | 8 | The Effectiveness of Various Desiccants on Moisture Absorption | The Children's School | T. Brown |
| 593 | Parker | Sofia | 6 | Ratio of Cornstarch to Water and Its Effect on Oobleck | Mt. Helix Academy | K. MacDonald |

Junior Division - Computational Biology and Bioinformatics (CBIO)

| | | | | | | |
|-----|------------|--------------|--------|--|--------------------------|----------|
| 601 | Bojja Jian | Ishan Howell | 6 6 | Congenital Nystagmus Diagnosis with Artificial Intelligence Eye Tracking | Oak Valley Middle School | N. Bojja |
|-----|------------|--------------|--------|--|--------------------------|----------|

Junior Division - Computer Science and Systems Software (COMP)

| | | | | | | |
|-----|---------|---------|---|---|------------------------------|-----------|
| 611 | Bantval | Maya | 8 | Voice-Based Object Detection Device for the Visually Impaired | Pacific Trails Middle School | E. Main |
| 612 | Bhatia | Rishabh | 7 | Applying Image Recognition Algorithms for Identification of Strongylocentrotus Purpuratus | The Rhoades School | R. Hunker |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|--|-------------------|----------------|--------|--|------------------------------|-----------------|
| Junior Division - Computer Science and Systems Software (COMP) cont'd | | | | | | |
| 613 | Bhatt | Arya | 6 | AMT+: Exploration of Machine Learning Based Automatic Music Transcription Algorithms | Oak Valley Middle School | K. Bhatt |
| 614 | Cendana Puentes | Michael Carlos | 8 8 | Identifying Colors: A Solution for Colorblindness | Eastlake Middle School | J. Kasem |
| 615 | Hande | Samarth | 8 | Strategic Simulations of Warfare in a Multipolar World | Oak Valley Middle School | P. Hande |
| 616 | Kathiravan Peiris | Yaalini Dylan | 8 8 | Ride Safe, Ride Smart: Ensuring E-bike Safety with AI-Based Helmet Monitoring | Pacific Trails Middle School | M. Abelmann |
| 617 | Matzen | Rigel | 7 | Can Prompts Improve ChatGPT Response Consistency? | The Rhoades School | R. Hunker |
| 618 | Mohammed | Yusuf | 6 | Predict Air Quality with Machine Learning | Bright Horizon Academy 6-8 | N. Nasereldin |

Junior Division - Earth and Environmental Sciences (EAEV)

| | | | | | | |
|-----|---------------|---------------|--------|--|------------------------------|--------------|
| 631 | Bi | Mia | 8 | Can Pond Water Purify Wastewater? | La Jolla Country Day School | M. Bessler |
| 632 | Blais Samady | Embry Ariana | 8 8 | Investigating the Effects of Rail Corridor Proximity on Microplastic Beach Pollution | The Rhoades School | R. Hunker |
| 633 | Combs | Valerie | 7 | The Detection of Microplastics in Drinking Water Using Machine Learning | The Bishop's School | K. Kleinertz |
| 634 | Feng Xu | Andy Henry | 8 8 | Mapping Invasive Species with a Drone and Machine Learning Algorithm in San Diego | Pacific Trails Middle School | A. Xu |
| 635 | Hendrix | Elise | 7 | Quantifying the Effects of Interstate Emissions on Local Air Quality | The Rhoades School | R. Hunker |
| 636 | Howton Packer | Dustin Daniel | 7 7 | The Effect of Different Moss Types on a Room's Temperature | The Children's School | T. Brown |
| 637 | Jia | Melody | 8 | Which Types of Straws Decompose the Quickest? | La Jolla Country Day School | M. Bessler |
| 638 | Kattamuri | Uma | 6 | Effect of Increased CO2 Levels on CAM Plant Kalanchoe pH and Stomatal Density | Oak Valley Middle School | S. Gorugantu |
| 639 | Kelsey | Skye | 8 | The Effect of Arthrospira Platensis on Plastic Degradation | The Children's School | T. Brown |
| 640 | Lengel | Jake | 7 | Which Ground Cover Ice Plant Best Slows Erosion, Mesembryanthemum or Delspenma? | Nazareth School | M. Reed |
| 641 | Merkey | Olivia | 8 | Absorbing Oil | Coastal Academy | B. Biernacki |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|---|----------------------|-------------|--------|--|---------------------------------|-----------------|
| Junior Division - Earth and Environmental Sciences (EAEV) cont'd | | | | | | |
| 642 | Norman | Cora | 8 | Is It Possible to Protect Coral Reefs from Sunscreen Using Tennis Balls? | Coastal Academy | B. Biernacki |
| 643 | O'Donnell | Sydney | 7 | Surveying Biodiversity In Various Marine Habitats | The Rhoades School | R. Hunker |
| 644 | Qiao | Isabelle | 8 | Green Roof Technology for Urban Heat Island Reduction | The Bishop's School | K. Kleinertz |
| 645 | Snodgrass | Ariana | 6 | Are Biodegradable Hydrogels Better than Commercially Available Hydrogels? | Mt. Helix Academy | K. MacDonald |
| 646 | Spolidoro Sullens | Mila Ava | 6 6 | Water Filters | St. Michael's School - Poway | K. McHale |
| 647 | Waits | Damian | 8 | San Diego What's In Your Water | Mt. Helix Academy | K. MacDonald |
| 648 | Weiser | Nava | 8 | An Untimely Demise: Reflecting on CO2 Optimization and Algae Growth for a Sustainable Future | San Diego Hebrew Day School | D. Pink |
| 649 | Schuh | Chloe | 8 | Can Eelgrass Remove Toxic Copper Levels from the San Diego Bay? | The Children's School | D. Quincannon |

Junior Division - Engineering: Electrical, Mechanical, and Robotics (EEMR)

| | | | | | | |
|-----|-----------------------|-------------------|--------|---|----------------------------------|--------------|
| 661 | Akkarakaran | Eric | 8 | Sensor-Based Irrigation System | St. Michael's School - Poway | D. Jacob |
| 662 | Alonso | Agustin | 8 | Making a Robotic Hand Speak Sign Language | Eastlake Middle School | G. Carrillo |
| 663 | Azevedo | Valente | 7 | Raspberry Eye | Francis Parker School | JP. Pierce |
| 664 | Cottrell | Oliver | 7 | Personalized Homework Tutor Robot | La Jolla Country Day School | M. Bessler |
| 665 | Fishler-Barraza | Vincent | 8 | Hand-Powered Energy: Electromagnetism for Portable Power Generation | Mt. Helix Academy | K. MacDonald |
| 666 | Gonzalez Robertson | Alvaro Alec | 7 7 | V-22 Osprey Downwash During Takeoff | Mt. Helix Academy | K. MacDonald |
| 667 | Gordon | Noah | 7 | Electronic Access Control | Mt. Helix Academy | K. MacDonald |
| 668 | Gorman | Andrew | 6 | We Didn't Start the Fire | Rolling Hills Ranch Academy | S. Gorman |
| 669 | Lee Yang | Nathan Matthew | 8 8 | The Braille Box: Revolutionize Teaching to the Vision-impaired | The Cambridge School High School | M. Mayne |
| 670 | Monpays Swigart | Eva Julianna | 7 7 | DIY Beach Cleaning Robot | San Diego French American School | A. Mobley |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|--|-----------|-----------------|--------|--|----------------------------|-----------------|
| Junior Division - Engineering: Electrical, Mechanical, and Robotics (EEMR) cont'd | | | | | | |
| 671 | Paband | Humayra | 8 | The Eco-Buoy: An Ocean-Monitoring Smart Buoy | Bright Horizon Academy 6-8 | N. Naserelddin |
| 672 | Siddiqui | Aishah | 6 | D3: Diabetic Drink Doctor - A Tri-Sensor Beverage Testing Device for Diabetics | Bright Horizon Academy 6-8 | N. Naserelddin |
| 673 | Zoch | Ryan | 8 | The Effects of Sensor Configuration on Autonomous Vehicles | De Portola Middle School | M. Bridges |
| 674 | Xu Hu | Andrew Ethan | 7 8 | Low-cost Portable Braille Embosser for Education | The Bishop's School | B. Barry |

| | | | | | | |
|---|-----------------------|----------------------|--------|---|--------------------------------|--------------|
| Junior Division - Engineering: Energy, Materials, and Transport (EEMT) | | | | | | |
| 681 | Ahmad | Yasmine | 6 | Engineering a Ramp for Guinea Pigs | Muirlands Middle School | L. Trombley |
| 682 | Albertson | Connor | 8 | A Free Mainsheet | The Children's School | T. Brown |
| 683 | Anderson Jr Ballew | Jonathan Tidus | 8 8 | Balloon Powered Car | Stella Maris Academy | E. Carrano |
| 684 | Bi | Amanda | 6 | The Flexible, Reusable Sound Insulator | La Jolla Country Day School | M. Bessler |
| 685 | Burns Kassar | Alexander Charlie | 8 7 | SKID: A Kid Friendly Way to Get to the Slopes | The Children's School | T. Brown |
| 686 | Garcia | Jenna | 7 | What Materials in Water Filters Work Best to Purify Water? | Nazareth School | M. Reed |
| 687 | Goldman | Stella | 8 | VolleyBlast: An Improved Way to Practice Volleyball on Your Own | The Children's School | T. Brown |
| 688 | Hardy | Ellie | 7 | Cool or Warm? Hot or Cold? How Does Layering Shingles Affect House Temperature? | Nazareth School | M. Reed |
| 689 | Hernandez Hoss | Roman Aiden | 7 7 | Anti-Bird Trash Stealer | The Children's School | T. Brown |
| 690 | Juan Gaxiola | Elias | 6 | How the Quality of Sand and Gravel Affects Concrete Strength | St. Mary's School - El Centro | C. Lizarraga |
| 691 | Krishna | SaiPranav | 7 | Flight Distance | Bernardo Heights Middle School | D. Flynn |
| 692 | Lerner | Aiden | 8 | GPSBall: A Way to Prevent Lost Golf Balls | The Children's School | T. Brown |
| 693 | Merten | Niall | 6 | Improving Solar Panel Efficiency | The Rhoades School | R. Hunker |
| 694 | Park | Leia | 7 | Extending the Life of Dry Erase Markers | The Bishop's School | K. Kleinertz |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|--|--------------------|----------------|--------|---|---------------------------------|-----------------|
| Junior Division - Engineering: Energy, Materials, and Transport (EEMT) cont'd | | | | | | |
| 695 | Rupiper Yandell | Nora Katie | 6 6 | Project RF | St. Michael's School - Poway | K. McHale |
| 696 | Thomas | Edward | 6 | Smart Medication Pouch | St. Michael's School - Poway | K. McHale |
| 697 | Wadhvani | Aarav | 8 | Application of Machine Learning to Decrease Aviation Incident Rates | Oak Valley Middle School | R. Villi |
| 698 | Wallace | Spencer | 7 | Shower Dynamo | La Jolla Country Day School | M. Bessler |
| 699 | Wang | Kiley | 8 | Charger Holders: A Way to Organize and Prevent Damage to Device Chargers | The Children's School | T. Brown |
| 700 | Gambhir Kassar | Kaden Ollie | 7 7 | MegaMolds: Making Old Clothes into Toys | The Children's School | T. Brown |

Junior Division - Mathematics (MATH)

| | | | | | | |
|-----|-------|------|---|--|----------------------------|-------------|
| 711 | Green | Joie | 7 | May the Best Strategy Win: The Optimal Approach to Battleship | Muirlands Middle School | L. Trombley |
|-----|-------|------|---|--|----------------------------|-------------|

Junior Division - Microbiology (MCRO)

| | | | | | | |
|-----|-------------------|--------------------|--------|---|--|---------------|
| 721 | Beraha | Isaac | 8 | The Effect of UV Light, Blue Light, and Laser Light on Bacteria | San Diego Hebrew Day School | D. Pink |
| 722 | Byun Liu | Hayden Olivia | 6 6 | Can Bacteria Fly? | Solana Pacific La Jolla Country Day | M. Bessler |
| 723 | Flora Gallegos | Brittany Stella | 6 6 | Mold Vs. Burgers | St. Peter the Apostle Catholic School | C. Diem |
| 724 | Hammad | Alya | 6 | How Well Do Disinfectants Work? | Bright Horizon Academy 6-8 | N. Nasereldin |
| 725 | Hanigan | Julie | 8 | Which Produces Mold Sooner, Organic or Non Organic Strawberries? | Chula Vista Middle School | T. Tom |
| 726 | Hendrix | Austin | 8 | Investigating Potentially Antibacterial Properties of Mastic Resin and Goldenseal | The Rhoades School | R. Hunker |
| 727 | Hensley | Abigail | 8 | What Kinds of Bacteria are Found in the Waters of Imperial Beach? | Chula Vista Middle School | T. Tom |
| 728 | Katari | Aahan | 6 | Nature's Rinse: How Effective Are Natural Produce Washes? | Oak Valley Middle School | S. Katari |
| 729 | Lin | Michael | 7 | Can Beneficial Bacteria Survive Growth Suppression in the Presence of Antibiotics? | The Rhoades School | R. Hunker |
| 730 | Pereira | Veronica | 8 | Is There Scary Bacteria on Cutting Boards? | Chula Vista Middle School | T. Tom |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|---|----------------|-----------------|--------|--|---------------------------------------|-----------------|
| Junior Division - Microbiology (MCRO) cont'd | | | | | | |
| 731 | Raschtschenia | Stasha | 8 | Which Room is the Dirtiest? | Mt. Helix Academy | K. MacDonald |
| 732 | Sebalj | Keira | 7 | Spotless Showdown | St. Peter the Apostle Catholic School | C. Diem |
| 733 | Snyder | Adina | 8 | Beneficial Bacteria in the Human Microbiome and its Correlation to Sound Frequencies Microbiology | San Diego Hebrew Day School | D. Pink |
| 734 | Way | Eleanor | 8 | How Does UV Exposure Affect the Growth of Yeast Colonies? | Chula Vista Middle School | T. Tom |
| Junior Division - Physics and Astronomy (PHYS) | | | | | | |
| 741 | Benz | Matyas | 7 | Can You Improve the Safety of Driving in the Dark | Nazareth School | M. Reed |
| 742 | Boniske | Ines | 8 | The Effect of Different Pirouette Turn Preparations | San Diego Hebrew Day School | D. Pink |
| 743 | Brum | Charles | 8 | StarSync: Local Orientation Synchronization Device | Elite Academic Academy | D. Brum |
| 744 | Factor | Simon | 8 | Basketball Bounce and Friction | San Diego Hebrew Day School | D. Pink |
| 745 | Giby | Timothy | 6 | Extinguishing Fire Using Sound Waves | St. Michael's School - Poway | K. McHale |
| 746 | Giunta-Beeche | Juliette | 7 | Does the Strength of a Magnet Change with Temperature? | All Hallows Academy | M. Horvath |
| 747 | Hendrick Monk | Kayden Annalise | 8 8 | The Mpemba Effect | Farb Middle School | P. Huntington |
| 748 | Jordan | Thomas | 7 | How Does Court Surface Affect the Bounce of a Tennis Ball? | Nazareth School | M. Reed |
| 749 | Karetny | Emma | 7 | The Effect of Altitude of a Rocket Based on Varying Ratios of Baking Soda to Vinegar | Mt. Helix Academy | K. MacDonald |
| 750 | Lara | Adalyn | 8 | The Effect of Cold Temperatures on Battery Lifespan | De Portola Middle School | M. Bridges |
| 751 | Lovette-Colyer | Ella | 7 | The Effects of Tap Boards on Tap Shoes | Nazareth School | M. Reed |
| 752 | Mesnik | Evelyn | 7 | What Flooring Produces the Most and Least Friction? | Nazareth School | M. Reed |
| 753 | Rasmussen | Kekoa | 8 | The Effect of Scuffing on Wiffle Ball Curve | De Portola Middle School | M. Bridges |
| 754 | Roysdon | Penny | 6 | How Different Substances Affect the Melting Rate of an Ice Cube | City Tree Christian School 6-8 | C. Glick |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|--------|-----------|------------|----|---------------|--------|-----------------|
|--------|-----------|------------|----|---------------|--------|-----------------|

Junior Division - Physics and Astronomy (PHYS) cont'd

| | | | | | | |
|-----|---------------|----------|---|---|--------------------------|--------------|
| 755 | Tedesco | Giovanni | 8 | The Different Distances Pickleballs Travel with Different Sized Holes | De Portola Middle School | M. Bridges |
| 756 | Stroud-Healey | Franklin | 6 | Measuring Magnetic Susceptibility of Liquids for Contaminates | Mt. Helix Academy | K. MacDonald |

Junior Division - Plant Sciences (PLNT)

| | | | | | | |
|-----|------------|---------------|--------|---|----------------------------------|--------------|
| 761 | Ax-Keating | Isaac | 8 | The Salinity Trinity: The Relationship Between Kelp, Temperature, and Salt Levels | San Diego Hebrew Day School | D. Pink |
| 762 | Daniels | Gemma | 7 | What Fertilizer Grows Grass the Best | All Hallows Academy | M. Horvath |
| 763 | Delgado | Elena | 6 | The Effect of Colored Light on Plant Growth | City Tree Christian School 6-8 | C. Glick |
| 764 | Diep | William | 6 | Are Genetically Modified Plants a Solution for Farming on Mars? | Connect Academy Poway Unified | C. Matos |
| 765 | Gammage | Kennedy | 7 | Do Sound Vibrations Derived from Classical Music Stimulate Plant | All Hallows Academy | M. Horvath |
| 766 | Goel Ye | Leela Luna | 8 8 | Effects of Salinity on California Coastal Sage Scrub Seed Germination | The Rhoades School | R. Hunker |
| 767 | Joby | Maria | 6 | What Type of Water Helps the Plant Grow? | St. Michael's School - Poway | K. McHale |
| 768 | Nair | Vyom | 7 | Can Expired Vitamin Supplements Be Used to Help Plant Growth? | The Bishop's School | K. Kleinertz |
| 769 | Palmer | Will | 7 | Does Positivity and Negativity Affect Plants? | All Hallows Academy | M. Horvath |
| 770 | Roy | Amelie | 8 | Sustainable Gardening: Kitchen Scraps to Thriving Tomatoes! | San Diego French American School | A. Mobley |
| 771 | Wilson | Hannah | 7 | The Effect of Different Types of Water on Cut Flowers | City Tree Christian School 6-8 | C. Glick |

Junior Division - Product Testing (PROD)

| | | | | | | |
|-----|--------------------------|--------------------|--------|---|---------------------------|------------|
| 781 | Acabado | Jose | 8 | Drying Textiles | Chula Vista Middle School | T. Tom |
| 782 | Andersen | Zachary | 8 | Decomposition of Compostable Bags and Best Brand for Carrying San Diego's Waste | De Portola Middle School | M. Bridges |
| 783 | Barzal | Lily | 7 | Which Hand Soap is Best for Killing Bacteria? | All Hallows Academy | M. Horvath |
| 784 | Bharadwaj Rajagopalan | Harshini Advita | 8 8 | MoisTRUE - Which Ingredient is Best in Retaining Moisture for Lip Balm? | Oak Valley Middle School | I. Chester |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Prj ID | Last Name | First Name | Gr | Project Title | School | Teacher/Advisor |
|--|------------------|------------------------|--------|---|-------------------------------|-----------------|
| Junior Division - Product Testing (PROD) cont'd | | | | | | |
| 785 | Byrne | Jack | 7 | Which Packaging Material Preserves Heat Longer: Eco Friendly or Not Eco Friendly? | Nazareth School | M. Reed |
| 786 | Conway | Sydney | 7 | Which 40 oz. Stainless Steel Water Bottle Keeps Water Coldest the Longest | Nazareth School | M. Reed |
| 787 | Dimenstein | Anael | 8 | The Effect of Natural Heat Protectant Versus Synthetic Heat Protectant on Hair Tensile Strength and Cells | San Diego Hebrew Day School | D. Pink |
| 788 | Forrest | Trevor | 7 | What is the Stickiest Surf Wax | All Hallows Academy | M. Horvath |
| 789 | Gerrity | Miren | 6 | Do You Need That \$40 Water Bottle? | St. Michael's School - Poway | K. McHale |
| 790 | Gordon | Mila | 8 | Effects of Top and Base Coat on a Manicure | San Diego Hebrew Day School | D. Pink |
| 791 | Hall | Eleanor | 7 | Strongest and Most Eco-Friendly Adhesive for Wood and Model- Making | Nazareth School | M. Reed |
| 792 | Kaziha | Mariam | 8 | Can Beeswax Wrap Replace Plastic Wrap? | De Portola Middle School | M. Bridges |
| 793 | Medina | Grace | 7 | How to Determine the Height in Muffins Between Different Types of Flours | Mt. Helix Academy | K. MacDonald |
| 794 | Padron | Carlos | 8 | Which Brand of Potato Chips Has the Least Grease? | Chula Vista Middle School | T. Tom |
| 795 | Parker | Angelina | 8 | Do Certain Fabrics Absorb Higher Intensities of Heat from the Sun | Mt. Helix Academy | K. MacDonald |
| 796 | Samuth | Vela | 8 | How Does the Amount of Vitamin C Vary in Different Fruit Juices? | De Portola Middle School | M. Bridges |
| 797 | Kozo | Auline | 7 | Do Different Types of Flours Affect Cookie Elevation | All Hallows Academy | M. Horvath |
| 798 | Zanani | Gaia | 8 | Hair Damage from Chlorine | San Diego Hebrew Day School | D. Pink |
| 799 | Cadena Dagdug | Ana Daniela Luisana | 6 6 | Shrinking Crocs | Our Lady of Guadalupe Academy | J. Patton |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Last Name | First Name | Booth | Category | Gr | School | Teacher |
|----------------|------------|-------|----------|----|--------------------------------|-------------|
| Abdulaziz | Omar | 141 | SR-BMED | 9 | Scripps Ranch High School | Abdurrab |
| Abhyankar | Sara | 142 | SR-BMED | 11 | Scripps Ranch High School | Fowler |
| Acabado | Jose | 781 | JR-PROD | 8 | Chula Vista Middle School | Tom |
| Acevedo | Isabel | 361 | SR-PLNT | 11 | Bonita Vista High School | Ekstein |
| Ahmad | Yasmine | 681 | JR-EEMT | 6 | Muirlands Middle School | Trombley |
| Ajanovic | Aya | 112 | SR-BEHA | 10 | Bright Horizon Academy 9-12 | Naserelddin |
| Akkarakaran | Eric | 661 | JR-EEMR | 8 | St. Michael's School - Poway | Jacob |
| Albertson | Connor | 682 | JR-EEMT | 8 | The Children's School | Brown |
| Alonso | Agustin | 662 | JR-EEMR | 8 | Eastlake Middle School | Carrillo |
| Amin | Ilyas | 581 | JR-CHEM | 8 | Bright Horizon Academy 6-8 | Naserelddin |
| Andersen | Zachary | 782 | JR-PROD | 8 | De Portola Middle School | Bridges |
| Anderson Jr | Jonathan | 683 | JR-EEMT | 8 | Stella Maris Academy | Carrano |
| Anello | Dominic | 511 | JR-BEHA | 8 | The Children's School | Quincannon |
| Aravind | Medha | 191 | SR-CBIO | 10 | Del Norte High School | Nathan |
| Arce | Larisa | 111 | SR-BEHA | 11 | Mater Dei Catholic High School | Pryce |
| Arulsevan | Adhiban | 143 | SR-BMED | 9 | Scripps Ranch High School | Fowler |
| Ax-Keating | Isaac | 761 | JR-PLNT | 8 | San Diego Hebrew Day School | Pink |
| Azevedo | Valente | 663 | JR-EEMR | 7 | Francis Parker School | Pierce |
| Badal | Rohan | 264 | SR-COMP | 12 | University City High School | Badal |
| Bai | Ryan | 241 | SR-COMP | 11 | Canyon Crest Academy | Dul |
| Balam | Riti | 192 | SR-CBIO | 11 | Francis Parker School | Antkowiak |
| Ballew | Tidus | 683 | JR-EEMT | 8 | Stella Maris Academy | Carrano |
| Bannister | Delilah | 362 | SR-PLNT | 11 | Bonita Vista High School | Ekstein |
| Bantval | Dhruv | 193 | SR-CBIO | 10 | Canyon Crest Academy | Hare |
| Bantval | Maya | 611 | JR-COMP | 8 | Pacific Trails Middle School | Main |
| Bapat | Mihir | 194 | SR-CBIO | 10 | Del Norte High School | Callicott |
| Barrett | Maryanne | 341 | SR-PHYS | 10 | Central Union High School | Rueda |
| Baruch | Hila | 363 | SR-PLNT | 10 | Altus Schools | Ramirez |
| Barzal | Lily | 783 | JR-PROD | 7 | All Hallows Academy | Horvath |
| Benz | Matyas | 741 | JR-PHYS | 7 | Nazareth School | Reed |
| Beraha | Isaac | 721 | JR-MCRO | 8 | San Diego Hebrew Day School | Pink |
| Berke | Jeremy | 364 | SR-PLNT | 11 | Bonita Vista High School | Ekstein |
| Bhalla | Nupur | 113 | SR-BEHA | 11 | Del Norte High School | Cheskaty |
| Bharadwaj | Harshini | 784 | JR-PROD | 8 | Oak Valley Middle School | Chester |
| Bhatia | Rishabh | 612 | JR-COMP | 7 | The Rhoades School | Hunker |
| Bhatt | Arya | 613 | JR-COMP | 6 | Oak Valley Middle School | Bhatt |
| Bhatt | Prakruti | 195 | SR-CBIO | 11 | Del Norte High School | Vyas |
| Bi | Amanda | 684 | JR-EEMT | 6 | La Jolla Country Day School | Bessler |
| Bi | Mia | 631 | JR-EAEV | 8 | La Jolla Country Day School | Bessler |
| Bisain | Aditya | 242 | SR-COMP | 10 | Canyon Crest Academy | Gerstin |
| Blais | Embry | 632 | JR-EAEV | 8 | The Rhoades School | Hunker |
| Bojja | Ishan | 601 | JR-CBIO | 6 | Oak Valley Middle School | Bojja |
| Bojja | Rohan | 196 | SR-CBIO | 10 | Del Norte High School | Maturi |
| Bollu | Harshith | 131 | SR-BCHM | 10 | Del Norte High School | Lagisetti |
| Boniske | Ines | 742 | JR-PHYS | 8 | San Diego Hebrew Day School | Pink |
| Broudy | Golda | 551 | JR-BMED | 8 | San Diego Hebrew Day School | Pink |
| Brum | Charles | 743 | JR-PHYS | 8 | Elite Academic Academy | Brum |
| Burns | Alexander | 685 | JR-EEMT | 8 | The Children's School | Brown |
| Bustos | Sebastian | 541 | JR-BCHM | 7 | Mt. Helix Academy | MacDonald |
| Byrne | Jack | 785 | JR-PROD | 7 | Nazareth School | Reed |
| Byun | Hayden | 722 | JR-MCRO | 6 | Solana Pacific | Bessler |
| Cai | Ethan | 197 | SR-CBIO | 11 | Canyon Crest Academy | Hare |
| Capaldi | Charlotte | 181 | SR-CHEM | 9 | Canyon Crest Academy | Gerstin |
| Cardoso | Mia | 271 | SR-EAEV | 11 | Bonita Vista High School | Ekstein |
| Carver | Jacob | 512 | JR-BEHA | 7 | Mt. Helix Academy | MacDonald |
| Cendana | Michael | 614 | JR-COMP | 8 | Eastlake Middle School | Kasem |
| Cervantes | Alexa | 341 | SR-PHYS | 10 | Central Union High School | Rueda |
| Chaidez | Roberto | 361 | SR-PLNT | 11 | Bonita Vista High School | Ekstein |
| Chalamalasetty | Abhiram | 132 | SR-BCHM | 11 | Canyon Crest Academy | Gerstin |
| Chandra | Anju | 311 | SR-EEMT | 11 | Canyon Crest Academy | Shakeri |
| Chandra | Arthi | 272 | SR-EAEV | 11 | Canyon Crest Academy | Siegel |
| Chandra | Neil | 243 | SR-COMP | 10 | Del Norte High School | Varma |
| Chen | Andrew | 244 | SR-COMP | 11 | Canyon Crest Academy | Hare |
| Chen | Hayden | 198 | SR-CBIO | 11 | Del Norte High School | Liao |
| Chen | Jennifer | 245 | SR-COMP | 11 | Canyon Crest Academy | Sevilla |
| Chen | Lucas | 342 | SR-PHYS | 9 | Francis Parker School | Pierce |
| Chen | Steven | 273 | SR-EAEV | 9 | Canyon Crest Academy | Agase |
| Chen | Trevor | 343 | SR-PHYS | 12 | Westview High School | Halander |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Last Name | First Name | Booth | Category | Gr | School | Teacher |
|-----------------|---------------|-------|----------|----|--|-------------|
| Choksi | Advait | 246 | SR-COMP | 10 | Canyon Crest Academy | Dul |
| Choubey | Shubhay | 344 | SR-PHYS | 11 | Del Norte High School | Liao |
| Chua | Oleisa | 582 | JR-CHEM | 8 | St. Michael's School - Poway | Ray |
| Combs | Valerie | 633 | JR-EAEV | 7 | The Bishop's School | Kleinertz |
| Conway | Sydney | 786 | JR-PROD | 7 | Nazareth School | Reed |
| Cooper | Aaron | 513 | JR-BEHA | 8 | Community Montessori Charter School Carl | Cooper |
| Cordes | Noah | 583 | JR-CHEM | 7 | All Hallows Academy | Horvath |
| Cottrell | Oliver | 664 | JR-EEMR | 7 | La Jolla Country Day School | Bessler |
| Croff | Nicholas | 584 | JR-CHEM | 7 | Nazareth School | Reed |
| Cubukcu | Emel | 552 | JR-BMED | 7 | Muirlands Middle School | Trombley |
| Dagar | Arnav | 247 | SR-COMP | 11 | Canyon Crest Academy | Hare |
| Daniels | Gemma | 762 | JR-PLNT | 7 | All Hallows Academy | Horvath |
| Dela Cruz | Charissa Myka | 365 | SR-PLNT | 11 | Bonita Vista High School | Ekstein |
| Delgado | Elena | 763 | JR-PLNT | 6 | City Tree Christian School 6-8 | Glick |
| Delgado | Flora | 553 | JR-BMED | 7 | City Tree Christian School 6-8 | Glick |
| Delgado | Maya | 312 | SR-EEMT | 11 | Bonita Vista High School | Ekstein |
| DeMott | Luke | 106 | SR-ANIM | 11 | La Jolla High School | Eaton |
| DeWalt | Aaliyah | 271 | SR-EAEV | 11 | Bonita Vista High School | Ekstein |
| Dhar | Naveen | 248 | SR-COMP | 11 | High Tech High Mesa | Usaha |
| Diep | Emily | 114 | SR-BEHA | 9 | Westview High School | Loo |
| Diep | William | 764 | JR-PLNT | 6 | Connect Academy Poway Unified | Matos |
| Dimenstein | Anael | 787 | JR-PROD | 8 | San Diego Hebrew Day School | Pink |
| Dogra | Saanvi | 144 | SR-BMED | 11 | Del Norte High School | Callicott |
| Dougherty | William | 585 | JR-CHEM | 7 | Mt. Helix Academy | MacDonald |
| D'Souza | Aaron | 115 | SR-BEHA | 9 | The Cambridge School | Mayne |
| Ehsan | Anabia | 554 | JR-BMED | 8 | Thurgood Marshall Middle School | Zaman |
| Ekambaram | Nikhil | 249 | SR-COMP | 9 | Del Norte High School | Soundarraju |
| Eltepu | Shiven | 250 | SR-COMP | 11 | Scripps Ranch High School | Fowler |
| Essa | Reem | 514 | JR-BEHA | 8 | Bright Horizon Academy 6-8 | Naserelddin |
| Estrada | Adam | 116 | SR-BEHA | 10 | Central Union High School | Rueda |
| Estrada | Thalia | 274 | SR-EAEV | 11 | Bonita Vista High School | Ekstein |
| Factor | Simon | 744 | JR-PHYS | 8 | San Diego Hebrew Day School | Pink |
| Fan | Leanne | 251 | SR-COMP | 12 | Westview High School | MacMartin |
| Farias | Mariana | 275 | SR-EAEV | 11 | Bonita Vista High School | Ekstein |
| Feng | Andy | 634 | JR-EAEV | 8 | Pacific Trails Middle School | Xu |
| Feng | Eric | 117 | SR-BEHA | 10 | The Bishop's School | Jaiclin |
| Ferry | Aaron | 515 | JR-BEHA | 8 | San Diego Hebrew Day School | Pink |
| Fishler-Barraza | Vincent | 665 | JR-EEMR | 8 | Mt. Helix Academy | MacDonald |
| Flora | Brittany | 723 | JR-MCRO | 6 | St. Peter the Apostle Catholic School | Diem |
| Forrest | Trevor | 788 | JR-PROD | 7 | All Hallows Academy | Horvath |
| Foss | Spencer | 331 | SR-MCRO | 12 | San Diego Jewish Academy 9-12 | Hagarman |
| Gallegos | Stella | 723 | JR-MCRO | 6 | St. Peter the Apostle Catholic School | Diem |
| Gambhir | Kaden | 700 | JR-EEMT | 7 | The Children's School | Brown |
| Gammage | Kennedy | 765 | JR-PLNT | 7 | All Hallows Academy | Horvath |
| Ganji | Vibha Yadav | 199 | SR-CBIO | 11 | Del Norte High School | Ganji |
| Ganji | Vidha Yadav | 145 | SR-BMED | 11 | Del Norte High School | Ganji |
| Gao | William | 200 | SR-CBIO | 11 | Canyon Crest Academy | Lee |
| Garcia | Eric | 118 | SR-BEHA | 10 | Central Union High School | Rueda |
| Garcia | Jenna | 686 | JR-EEMT | 7 | Nazareth School | Reed |
| Gerrity | Miren | 789 | JR-PROD | 6 | St. Michael's School - Poway | McHale |
| Giby | Timothy | 745 | JR-PHYS | 6 | St. Michael's School - Poway | McHale |
| Giunta-Beeche | Juliette | 746 | JR-PHYS | 7 | All Hallows Academy | Horvath |
| Goel | Khushee | 201 | SR-CBIO | 11 | Scripps Ranch High School | Fowler |
| Goel | Leela | 766 | JR-PLNT | 8 | The Rhoades School | Hunker |
| Goldman | Stella | 687 | JR-EEMT | 8 | The Children's School | Brown |
| Gonzales | Camille | 586 | JR-CHEM | 7 | Nazareth School | Reed |
| Gonzalez | Alvaro | 666 | JR-EEMR | 7 | Mt. Helix Academy | MacDonald |
| Gordon | Mila | 790 | JR-PROD | 8 | San Diego Hebrew Day School | Pink |
| Gordon | Noah | 667 | JR-EEMR | 7 | Mt. Helix Academy | MacDonald |
| Gorman | Andrew | 668 | JR-EEMR | 6 | Rolling Hills Ranch Academy | Gorman |
| Gorzelski | Nicholas | 555 | JR-BMED | 8 | De Portola Middle School | Bridges |
| Grapilon | Madeline | 146 | SR-BMED | 10 | Eastlake High School | Williams |
| Green | Joie | 711 | JR-MATH | 7 | Muirlands Middle School | Trombley |
| Guha | Risha | 202 | SR-CBIO | 10 | Del Norte High School | Callicott |
| Hall | Eleanor | 791 | JR-PROD | 7 | Nazareth School | Reed |
| Hammad | Alya | 724 | JR-MCRO | 6 | Bright Horizon Academy 6-8 | Naserelddin |
| Hammad | Ida | 516 | JR-BEHA | 8 | Bright Horizon Academy 6-8 | Naserelddin |
| Hande | Samarth | 615 | JR-COMP | 8 | Oak Valley Middle School | Hande |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Last Name | First Name | Booth | Category | Gr | School | Teacher |
|----------------|------------|-------|----------|----|----------------------------------|----------------|
| Hanigan | Julie | 725 | JR-MCRO | 8 | Chula Vista Middle School | Tom |
| Hardy | Ellie | 688 | JR-EEMT | 7 | Nazareth School | Reed |
| Hattar | Harkirat | 230 | SR-COMP | 11 | Del Norte High School | Hattar |
| He | Daniel | 291 | SR-EEMR | 9 | Canyon Crest Academy | Agase |
| He | David | 332 | SR-MCRO | 11 | Westview High School | Halander |
| He | Lawrence | 556 | JR-BMED | 8 | The Bishop's School | Barry |
| Hendrick | Kayden | 747 | JR-PHYS | 8 | Farb Middle School | Huntington |
| Hendrix | Austin | 726 | JR-MCRO | 8 | The Rhoades School | Hunker |
| Hendrix | Elise | 635 | JR-EAEV | 7 | The Rhoades School | Hunker |
| Hensley | Abigail | 727 | JR-MCRO | 8 | Chula Vista Middle School | Tom |
| Hernandez | Meena | 542 | JR-BCHM | 8 | The Bishop's School | Kleinertz |
| Hernandez | Roman | 689 | JR-EEMT | 7 | The Children's School | Brown |
| Hernandez Ruiz | Valeria | 364 | SR-PLNT | 11 | Bonita Vista High School | Ekstein |
| Hirman | Leah | 147 | SR-BMED | 11 | Granite Hills High School | Hirt |
| Hollmann | Thrace | 501 | JR-ANIM | 6 | Muirlands Middle School | Trombley |
| Hong | David | 292 | SR-EEMR | 11 | The Bishop's School | Jaiclin |
| Hoss | Aiden | 689 | JR-EEMT | 7 | The Children's School | Brown |
| Hou | Henry | 203 | SR-CBIO | 10 | The Bishop's School | Cameron |
| Howton | Dustin | 636 | JR-EAEV | 7 | The Children's School | Brown |
| Hu | Ethan | 674 | JR-EEMR | 8 | The Bishop's School | Barry |
| Huang | Bo-En | 204 | SR-CBIO | 12 | Westview High School | Halander |
| Huang | Bo-Zhi | 204 | SR-CBIO | 10 | Westview High School | Halander |
| Huang | Lucy | 182 | SR-CHEM | 11 | Torrey Pines High School | Aghassi |
| Huguely | Raniyah | 517 | JR-BEHA | 8 | City Tree Christian School 6-8 | Glick |
| Hyun | Jeonghoo | 252 | SR-COMP | 11 | Torrey Pines High School | Robinette |
| Hyun | Jihoo | 148 | SR-BMED | 10 | Canyon Crest Academy | Sevilla |
| Im | Hannah | 113 | SR-BEHA | 11 | Del Norte High School | Cheskaty |
| Jacobson-Dill | Cruz | 512 | JR-BEHA | 7 | Mt. Helix Academy | MacDonald |
| Jaiswal | Nityaa | 587 | JR-CHEM | 7 | Oak Valley Middle School | Hewett |
| Jasim | Reema | 543 | JR-BCHM | 8 | Bright Horizon Academy 6-8 | Nasereldin |
| Javier | Andrea | 149 | SR-BMED | 11 | La Jolla Country Day School | Sah |
| Jia | Melody | 637 | JR-EAEV | 8 | La Jolla Country Day School | Bessler |
| Jian | Howell | 601 | JR-CBIO | 6 | Oak Valley Middle School | Bojja |
| Jian | Jolina | 150 | SR-BMED | 9 | Canyon Crest Academy | Zerwekh |
| Joby | Maria | 767 | JR-PLNT | 6 | St. Michael's School - Poway | McHale |
| Johnson | Jayden | 518 | JR-BEHA | 7 | City Tree Christian School 6-8 | Glick |
| Jones | Ari'Yana | 588 | JR-CHEM | 6 | City Tree Christian School 6-8 | Glick |
| Jones | Kenzie | 582 | JR-CHEM | 8 | St. Michael's School - Poway | Ray |
| Jordan | Thomas | 748 | JR-PHYS | 7 | Nazareth School | Reed |
| Juan Gaxiola | Elias | 690 | JR-EEMT | 6 | St. Mary's School - El Centro | Lizarraga |
| Kalyanaraman | Anirudh | 151 | SR-BMED | 12 | Mt. Carmel High School | Kalyanaraman |
| Kan | Lauren | 152 | SR-BMED | 11 | Canyon Crest Academy | Liu |
| Kapoor | Sanya | 153 | SR-BMED | 11 | Del Norte High School | Kapoor |
| Karetny | Emma | 749 | JR-PHYS | 7 | Mt. Helix Academy | MacDonald |
| Karthik | Arjun | 519 | JR-BEHA | 7 | Oak Valley Middle School | Latonio-Wilson |
| Kassar | Charlie | 685 | JR-EEMT | 7 | The Children's School | Brown |
| Kassar | Ollie | 700 | JR-EEMT | 7 | The Children's School | Brown |
| Katari | Aahan | 728 | JR-MCRO | 6 | Oak Valley Middle School | Katari |
| Kathiravan | Yaalini | 616 | JR-COMP | 8 | Pacific Trails Middle School | Abelmann |
| Kattamuri | Uma | 638 | JR-EAEV | 6 | Oak Valley Middle School | Gorugantu |
| Kaziha | Mariam | 792 | JR-PROD | 8 | De Portola Middle School | Bridges |
| Kelsey | Skye | 639 | JR-EAEV | 8 | The Children's School | Brown |
| Khushu | Riya | 154 | SR-BMED | 11 | Francis Parker School | Pierce |
| Khushu | Ronit | 119 | SR-BEHA | 11 | Francis Parker School | Pierce |
| Kim | Hyunggyu | 557 | JR-BMED | 8 | Pacific Trails Middle School | Mareth |
| Kim | Seohyun | 155 | SR-BMED | 11 | Canyon Crest Academy | Shakeri |
| Kintada | Sathwik | 253 | SR-COMP | 9 | Del Norte High School | Kintada |
| Kowsari | Kian | 254 | SR-COMP | 11 | Scripps Ranch High School | Fowler |
| Kozo | Auline | 797 | JR-PROD | 7 | All Hallows Academy | Horvath |
| Krishna | SaiPranav | 691 | JR-EEMT | 7 | Bernardo Heights Middle School | Flynn |
| Lagiseti | Samhita | 131 | SR-BCHM | 11 | Del Norte High School | Lagiseti |
| Lai | Isabel | 245 | SR-COMP | 11 | Canyon Crest Academy | Sevilla |
| Lara | Adalyn | 750 | JR-PHYS | 8 | De Portola Middle School | Bridges |
| Le | Maithy | 171 | SR-CELL | 12 | Westview High School | Halander |
| Lee | Kate | 120 | SR-BEHA | 11 | Canyon Crest Academy | Sevilla |
| Lee | Nathan | 669 | JR-EEMR | 8 | The Cambridge School High School | Mayne |
| Leem | Ethan | 172 | SR-CELL | 10 | Canyon Crest Academy | Shakeri |
| Lengel | Jake | 640 | JR-EAEV | 7 | Nazareth School | Reed |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Last Name | First Name | Booth | Category | Gr | School | Teacher |
|----------------|-----------------|-------|----------|----|---|-------------|
| Lerman | Ava | 333 | SR-MCRO | 9 | San Diego Jewish Academy 9-12 | Hagraman |
| Lerner | Aiden | 692 | JR-EEMT | 8 | The Children's School | Brown |
| Li | Albert | 205 | SR-CBIO | 11 | Westview High School | Sun |
| Li | Anze | 132 | SR-BCHM | 11 | Canyon Crest Academy | Gerstin |
| Liang | Cindy | 206 | SR-CBIO | 11 | Del Norte High School | Tsigelny |
| Liang | Donny | 156 | SR-BMED | 9 | Rancho Bernardo High School | Outlaw |
| Liang | Jaelyn | 255 | SR-COMP | 10 | Westview High School | MacMartin |
| Lim | Claire | 173 | SR-CELL | 10 | Canyon Crest Academy | Sevilla |
| Lim | Ricky | 157 | SR-BMED | 11 | Canyon Crest Academy | Gerstin |
| Lin | Michael | 729 | JR-MCRO | 7 | The Rhoades School | Hunker |
| Liu | Kaelyn | 207 | SR-CBIO | 11 | Canyon Crest Academy | Sevilla |
| Liu | Olivia | 722 | JR-MCRO | 6 | La Jolla Country Day School | Bessler |
| Lovette-Colyer | Ella | 751 | JR-PHYS | 7 | Nazareth School | Reed |
| Luna | Diego | 366 | SR-PLNT | 12 | Bonita Vista High School | Ekstein |
| Luna | Eva | 276 | SR-EAEV | 11 | Bonita Vista High School | Ekstein |
| Luo | Anna | 367 | SR-PLNT | 11 | Canyon Crest Academy | Shakeri |
| Macha | Manasvi | 208 | SR-CBIO | 9 | Del Norte High School | Macha |
| Madhukara | Nandana | 209 | SR-CBIO | 12 | Canyon Crest Academy | Gerstin |
| Mahendran | Pranav | 313 | SR-EEMT | 9 | Torrey Pines High School | Belyea |
| Mandyam | Tanya | 101 | SR-ANIM | 11 | Westview High School | Cox |
| Mansour | Malik | 293 | SR-EEMR | 10 | High Tech High Mesa | Usaha |
| Marwah | Nalin | 256 | SR-COMP | 11 | Del Norte High School | Marwah |
| Maturi | Nikhil | 196 | SR-CBIO | 10 | Del Norte High School | Maturi |
| Matzen | Rigel | 617 | JR-COMP | 7 | The Rhoades School | Hunker |
| Medina | Grace | 793 | JR-PROD | 7 | Mt. Helix Academy | MacDonald |
| Mejia | Alitzia | 558 | JR-BMED | 7 | Nazareth School | Reed |
| Meng | Leo | 210 | SR-CBIO | 10 | Westview High School | MacMartin |
| Menon | Varun | 211 | SR-CBIO | 10 | Canyon Crest Academy | Shakeri |
| Merkey | Olivia | 641 | JR-EAEV | 8 | Coastal Academy | Biernacki |
| Merten | Niall | 693 | JR-EEMT | 6 | The Rhoades School | Hunker |
| Mesnik | Evelyn | 752 | JR-PHYS | 7 | Nazareth School | Reed |
| Mitchell | Ryan | 589 | JR-CHEM | 7 | Mt. Helix Academy | MacDonald |
| Mohammed | Yusuf | 618 | JR-COMP | 6 | Bright Horizon Academy 6-8 | Naserelddin |
| Monk | Annalise | 747 | JR-PHYS | 8 | Farb Middle School | Huntington |
| Monpays | Eva | 670 | JR-EEMR | 7 | San Diego French American School | Mobley |
| Montiel | Nina | 277 | SR-EAEV | 11 | Bonita Vista High School | Ekstein |
| Mughal | Zara | 520 | JR-BEHA | 6 | Bright Horizon Academy 6-8 | Naserelddin |
| Munoz | Esteban | 278 | SR-EAEV | 11 | Central Union High School | Rueda |
| Murphy | Siffrin | 279 | SR-EAEV | 10 | Health Sciences High and Middle College | Bonine |
| Nair | Vyom | 768 | JR-PLNT | 7 | The Bishop's School | Kleinertz |
| Nayak | Aneesh | 345 | SR-PHYS | 9 | Westview High School | Halander |
| Nguyen | Kason | 590 | JR-CHEM | 6 | Mt. Helix Academy | MacDonald |
| Nguyen | Katie | 590 | JR-CHEM | 6 | Mt. Helix Academy | MacDonald |
| Nguyen | Tri | 212 | SR-CBIO | 11 | Canyon Crest Academy | Gerstin |
| Nguyen | William | 171 | SR-CELL | 12 | Westview High School | Halander |
| Niebres | Anthony Jaye | 591 | JR-CHEM | 8 | Chula Vista Middle School | Tom |
| Noriega | Nicolas | 559 | JR-BMED | 6 | St. Mary's School - El Centro | Lizarraga |
| Norman | Cora | 642 | JR-EAEV | 8 | Coastal Academy | Biernacki |
| O'Donnell | Sydney | 643 | JR-EAEV | 7 | The Rhoades School | Hunker |
| Oguz | Tarik | 213 | SR-CBIO | 11 | Del Norte High School | Cheskaty |
| Oster | Oliver | 592 | JR-CHEM | 8 | The Children's School | Brown |
| Ouchmame | Zackaria | 121 | SR-BEHA | 9 | Bright Horizon Academy 9-12 | Naserelddin |
| Ouznali | Duaa | 521 | JR-BEHA | 8 | Bright Horizon Academy 6-8 | Naserelddin |
| Paband | Humayra | 671 | JR-EEMR | 8 | Bright Horizon Academy 6-8 | Naserelddin |
| Packer | Daniel | 636 | JR-EAEV | 7 | The Children's School | Brown |
| Padron | Carlos | 794 | JR-PROD | 8 | Chula Vista Middle School | Tom |
| Pallapotu | Eshika | 214 | SR-CBIO | 11 | Del Norte High School | Pallapotu |
| Palmer | Will | 769 | JR-PLNT | 7 | All Hallows Academy | Horvath |
| Palombo | Giovanna | 571 | JR-CELL | 8 | Eastlake Middle School | Carrillo |
| Park | Gurnho | 183 | SR-CHEM | 10 | Canyon Crest Academy | Yoo |
| Park | JoonWoo | 557 | JR-BMED | 8 | Pacific Trails Middle School | Mareth |
| Park | Leia | 694 | JR-EEMT | 7 | The Bishop's School | Kleinertz |
| Parker | Angelina | 795 | JR-PROD | 8 | Mt. Helix Academy | MacDonald |
| Parker | Sofia | 593 | JR-CHEM | 6 | Mt. Helix Academy | MacDonald |
| Parthasarathy | Jeyanth Narayan | 294 | SR-EEMR | 9 | Canyon Crest Academy | Gerstin |
| Parthiban | Sidhaarth | 215 | SR-CBIO | 9 | Westview High School | Halandar |
| Peiris | Dylan | 616 | JR-COMP | 8 | Pacific Trails Middle School | Abelmann |
| Pereira | Veronica | 730 | JR-MCRO | 8 | Chula Vista Middle School | Tom |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Last Name | First Name | Booth | Category | Gr | School | Teacher |
|---------------|-------------|-------|----------|----|---|--------------|
| Perez | Lisa | 280 | SR-EAEV | 11 | Bonita Vista High School | Ekstein |
| Perry | Janeiro | 279 | SR-EAEV | 10 | Health Sciences High and Middle College | Bonine |
| Pitt | Lily | 102 | SR-ANIM | 11 | Steele Canyon High School | Allen |
| Plasencia | Adrian | 522 | JR-BEHA | 7 | Nazareth School | Reed |
| Puentes | Carlos | 614 | JR-COMP | 8 | Eastlake Middle School | Kasem |
| Pyla | Tanvi | 544 | JR-BCHM | 8 | Pacific Trails Middle School | Main |
| Qiao | Isabelle | 644 | JR-EAEV | 8 | The Bishop's School | Kleinertz |
| Qiu | Nathan | 321 | SR-MATH | 11 | Canyon Crest Academy | Shakeri |
| Quan | Joseph | 244 | SR-COMP | 11 | Canyon Crest Academy | Hare |
| Rajagopalan | Advita | 784 | JR-PROD | 8 | Oak Valley Middle School | Chester |
| Rappoport | Joshua | 502 | JR-ANIM | 8 | San Diego Hebrew Day School | Pink |
| Raschtschenia | Stasha | 731 | JR-MCRO | 8 | Mt. Helix Academy | MacDonald |
| Rasmussen | Kekoa | 753 | JR-PHYS | 8 | De Portola Middle School | Bridges |
| Ray Chaudhuri | Shounak | 314 | SR-EEMT | 11 | Francis Parker School | Pierce |
| Reyes | Matthew | 334 | SR-MCRO | 10 | Central Union High School | Rueda |
| Rezaei | Ryan | 257 | SR-COMP | 11 | Canyon Crest Academy | Celniker |
| Robertson | Alec | 666 | JR-EEMR | 7 | Mt. Helix Academy | MacDonald |
| Rodriguez | Nicholas | 368 | SR-PLNT | 12 | Bonita Vista High School | Ekstein |
| Rojas | Areli | 369 | SR-PLNT | 11 | Bonita Vista High School | Ekstein |
| Roman | Andrea | 370 | SR-PLNT | 11 | Bonita Vista High School | Ekstein |
| Romero | Dalilah | 116 | SR-BEHA | 10 | Central Union High School | Rueda |
| Ron | Ayelet | 523 | JR-BEHA | 7 | The Bishop's School | Kleinertz |
| Rosal | Sophia | 281 | SR-EAEV | 11 | Bonita Vista High School | Ekstein |
| Roy | Amelie | 770 | JR-PLNT | 8 | San Diego French American School | Mobley |
| Roysdon | Penny | 754 | JR-PHYS | 6 | City Tree Christian School 6-8 | Glick |
| Rupiper | Nora | 695 | JR-EEMT | 6 | St. Michael's School - Poway | McHale |
| Ryu | Wonhee | 322 | SR-MATH | 11 | Canyon Crest Academy | Shakeri |
| Sadek | Adham | 295 | SR-EEMR | 11 | High Bluff Academy | Ashour |
| Saha | Karishma | 560 | JR-BMED | 8 | Bernardo Heights Middle School | Mukherjee |
| Salem | Yusra | 524 | JR-BEHA | 7 | Bright Horizon Academy 6-8 | Naserelddin |
| Samady | Ariana | 632 | JR-EAEV | 8 | The Rhoades School | Hunker |
| Samuth | Vela | 796 | JR-PROD | 8 | De Portola Middle School | Bridges |
| Sanchez | Alfonso | 265 | SR-COMP | 9 | Extraordinary Private Home School | Sanchez |
| Sanchez | Eleanor | 503 | JR-ANIM | 7 | Extraordinary Private Home School | Sanchez |
| Sanchez | Esther | 503 | JR-ANIM | 8 | Extraordinary Private Home School | Sanchez |
| Saxena | Parth | 371 | SR-PLNT | 11 | Scripps Ranch High School | Fowler |
| Schuh | Chloe | 649 | JR-EAEV | 8 | The Children's School | Quincannon |
| Sebalj | Keira | 732 | JR-MCRO | 7 | St. Peter the Apostle Catholic School | Diem |
| Sen | Ritam | 346 | SR-PHYS | 9 | Francis Parker School | Pierce |
| Shah | Kush | 216 | SR-CBIO | 10 | Del Norte High School | Shah |
| Shah | Nisarg | 217 | SR-CBIO | 11 | Del Norte High School | Shah |
| Shi | Ryan | 218 | SR-CBIO | 11 | The Bishop's School | Cameron |
| Shin | Andrew | 258 | SR-COMP | 11 | Canyon Crest Academy | Gerstin |
| Siddiqui | Aishah | 672 | JR-EEMR | 6 | Bright Horizon Academy 6-8 | Naserelddin |
| Siddiqui | Aminah | 296 | SR-EEMR | 9 | Bright Horizon Academy 9-12 | Naserelddin |
| Silva | Alexia | 545 | JR-BCHM | 8 | Chula Vista Middle School | Tom |
| Smith | Joe | 347 | SR-PHYS | 12 | Stanford Online High School | Sandoval |
| Snodgrass | Ariana | 645 | JR-EAEV | 6 | Mt. Helix Academy | MacDonald |
| Snyder | Adina | 733 | JR-MCRO | 8 | San Diego Hebrew Day School | Pink |
| Spolidoro | Mila | 646 | JR-EAEV | 6 | St. Michael's School - Poway | McHale |
| Srinivasan | Nikhil | 219 | SR-CBIO | 9 | Canyon Crest Academy | Zerwekh |
| Sternson | Olympia | 525 | JR-BEHA | 7 | The Rhoades School | Hunker |
| Sternson | Samuel | 348 | SR-PHYS | 9 | Canyon Crest Academy | Siegel |
| Stroud-Healey | Franklin | 756 | JR-PHYS | 6 | Mt. Helix Academy | MacDonald |
| Suh | Daniel | 183 | SR-CHEM | 11 | Altus Schools | Yoo |
| Sullens | Ava | 646 | JR-EAEV | 6 | St. Michael's School - Poway | McHale |
| Sung | Ihan | 297 | SR-EEMR | 10 | Eastlake High School | Williams |
| Svetina | Evan | 249 | SR-COMP | 9 | Del Norte High School | Soundarraju |
| Swigart | Julianna | 670 | JR-EEMR | 7 | San Diego French American School | Mobley |
| Tachibana | Emi | 103 | SR-ANIM | 11 | University City High School | Quessenberry |
| Tantisira | Brayden | 241 | SR-COMP | 11 | Canyon Crest Academy | Dul |
| Tao | Christopher | 220 | SR-CBIO | 11 | The Bishop's School | Jaclin |
| Tedesco | Giovanni | 755 | JR-PHYS | 8 | De Portola Middle School | Bridges |
| Thomas | Edward | 696 | JR-EEMT | 6 | St. Michael's School - Poway | McHale |
| Thomas | Nisa | 221 | SR-CBIO | 9 | Del Norte High School | Shaia |
| Tian | Christina | 222 | SR-CBIO | 11 | Westview High School | MacMartin |
| Tipirneni | Aanika | 223 | SR-CBIO | 11 | Canyon Crest Academy | Gerstin |
| Tipirneni | Siri | 372 | SR-PLNT | 9 | Canyon Crest Academy | Gerstin |

71st Annual Greater San Diego Science & Engineering Fair - 2025

| Last Name | First Name | Booth | Category | Gr | School | Teacher |
|------------|------------|-------|----------|----|----------------------------------|------------|
| Toor | Sareena | 504 | JR-ANIM | 7 | La Jolla Country Day School | Bessler |
| Uhegbu | Kellen | 224 | SR-CBIO | 11 | Del Norte High School | Uhegbu |
| Vadi | Ashwin | 122 | SR-BEHA | 9 | Del Norte High School | Callicott |
| Valenzuela | Sophia | 571 | JR-CELL | 8 | Eastlake Middle School | Carrillo |
| Valkanov | Martin | 561 | JR-BMED | 7 | San Diego French American School | Mobley |
| Valle | Emiley | 123 | SR-BEHA | 11 | Mater Dei Catholic High School | Pryce |
| Vergara | Frida | 373 | SR-PLNT | 11 | Bonita Vista High School | Ekstein |
| Verma | Rahul | 298 | SR-EEMR | 11 | Del Norte High School | Verma |
| Villalobos | Belen | 546 | JR-BCHM | 7 | St. Mary's School - El Centro | Lizarraga |
| Vivek | Nithika | 225 | SR-CBIO | 11 | Del Norte High School | Sharma |
| Wadhvani | Aarav | 697 | JR-EEMT | 8 | Oak Valley Middle School | Villi |
| Waits | Damian | 647 | JR-EAEV | 8 | Mt. Helix Academy | MacDonald |
| Wallace | Spencer | 698 | JR-EEMT | 7 | La Jolla Country Day School | Bessler |
| Wang | Kiley | 699 | JR-EEMT | 8 | The Children's School | Brown |
| Wang | Ryan | 226 | SR-CBIO | 10 | Westview High School | Halander |
| Wang | Yuekai | 259 | SR-COMP | 11 | Rancho Bernardo High School | Li |
| Way | Eleanor | 734 | JR-MCRO | 8 | Chula Vista Middle School | Tom |
| Weiser | Nava | 648 | JR-EAEV | 8 | San Diego Hebrew Day School | Pink |
| Weng | Elizabeth | 227 | SR-CBIO | 10 | Westview High School | MacMartin |
| Williams | Kaden | 282 | SR-EAEV | 11 | Eastlake High School | Williams |
| Wilson | Hannah | 771 | JR-PLNT | 7 | City Tree Christian School 6-8 | Glick |
| Wong | Emmanuel | 334 | SR-MCRO | 10 | Central Union High School | Rueda |
| Wu | Jacob | 205 | SR-CBIO | 10 | Del Norte High School | Wu |
| Wyatt | Ronald | 104 | SR-ANIM | 11 | Eastlake High School | Williams |
| Xia | Olina | 283 | SR-EAEV | 11 | Rancho Bernardo High School | Xia |
| Xie | Eric | 260 | SR-COMP | 11 | Torrey Pines High School | Belyea |
| Xie | Joann | 349 | SR-PHYS | 10 | Del Norte High School | Cheskaty |
| Xing | Ella | 261 | SR-COMP | 11 | The Bishop's School | Jaiclin |
| Xu | Andrew | 674 | JR-EEMR | 7 | The Bishop's School | Barry |
| Xu | Henry | 634 | JR-EAEV | 8 | Pacific Trails Middle School | Xu |
| Xu | Kayley | 262 | SR-COMP | 10 | The Bishop's School | Jaiclin |
| Xuan | Kailin | 323 | SR-MATH | 11 | The Bishop's School | Jaiclin |
| Yadav | Anvay | 228 | SR-CBIO | 11 | Del Norte High School | Yadav |
| Yandell | Katie | 695 | JR-EEMT | 6 | St. Michael's School - Poway | McHale |
| Yang | Matthew | 669 | JR-EEMR | 8 | The Cambridge School High School | Mayne |
| Yao | Minghui | 174 | SR-CELL | 11 | The Bishop's School | Keller |
| Ye | Luna | 766 | JR-PLNT | 8 | The Rhoades School | Hunker |
| Yu | Ethan | 224 | SR-CBIO | 10 | Del Norte High School | Uhegbu |
| Yu | Linda | 229 | SR-CBIO | 11 | Canyon Crest Academy | Garling |
| Yufe | Natasha | 276 | SR-EAEV | 11 | Bonita Vista High School | Ekstein |
| Zanani | Gaia | 798 | JR-PROD | 8 | San Diego Hebrew Day School | Pink |
| Zaragoza | Clay | 124 | SR-BEHA | 10 | Central Union High School | Rueda |
| Zeng | Lilian | 158 | SR-BMED | 11 | Del Norte High School | Xu |
| Zeng | Sophie | 105 | SR-ANIM | 11 | The Bishop's School | Jaiclin |
| Zhang | Amber | 335 | SR-MCRO | 10 | The Bishop's School | Bjanes |
| Zhang | Amy | 562 | JR-BMED | 8 | The Bishop's School | Kleinertz |
| Zhang | Austin | 284 | SR-EAEV | 11 | Del Norte High School | Li |
| Zhang | Elvin | 374 | SR-PLNT | 11 | Del Norte High School | Cheskaty |
| Zhao | Matthew | 159 | SR-BMED | 11 | Canyon Crest Academy | Hare |
| Zheng | Chris | 299 | SR-EEMR | 10 | The Bishop's School | Pelletier |
| Zhu | Virginia | 285 | SR-EAEV | 9 | Del Norte High School | Yu |
| Zoch | Ryan | 673 | JR-EEMR | 8 | De Portola Middle School | Bridges |
| Zubaidi | Ahmad | 263 | SR-COMP | 9 | Bright Horizon Academy 9-12 | Nasereldin |

2025 School and Teacher/Advisor Directory

The Board of Directors and Management Committee would like to thank the following schools and their teachers or advisors in San Diego and Imperial Counties for their commitment to and support of students in their independent STEM research for the 67th Greater San Diego Science and Engineering Fair.

SENIOR

Altus Schools

- M. Ramirez [363]

Bonita Vista High School

- J. Ekstein [271, 274, 275, 276, 277, 280, 281, 312, 361, 362, 364, 365, 366, 368, 369, 370, 373]

Bright Horizon Academy 9-12

- N. Naserelddin [112, 121, 263, 296]

Canyon Crest Academy

- T. Agase [273, 291]
- D. Celniker [257]
- A. Dul [241, 246]
- E. Garling [229]
- E. Gerstin [132, 157, 181, 209, 212, 223, 242, 258, 294, 372]
- K. Hare [159, 193, 197, 244, 247]
- H. Lee [200]
- M. Liu [152]
- K. Sevilla [120, 148, 173, 207, 245]
- K. Shakeri [155, 172, 211, 311, 321, 322, 367]
- A. Siegel [272, 348]
- M. Zerwekh [150, 219]

Canyon Crest Academy Altus Schools

- H. Yoo [183]

Central Union High School

- L. Rueda [116, 118, 124, 278, 334, 341]

Del Norte High School

- A. Callicott [122, 144, 194, 202]
- J. Cheskaty [113, 213, 349, 374]
- N. Ganji [145, 199]
- K. Hattar [230]
- S. Kapoor [153]
- R. Kintada [253]
- C. Lagisetti [131]
- S. Li [284]
- F. Liao [198, 344]
- L. N. Macha [208]
- V. Marwah [256]
- J. Maturi [196]
- M. Nathan [191]
- R. Pallapotu [214]
- J. Shah [217]
- K. Shah [216]
- J. Shaia [221]
- M. Sharma [225]
- S. Soundarraju [249]
- C. Sun [205]
- I. Tsigelny [206]
- C. Uhegbu [224]
- M. Varma [243]
- R. Verma [298]
- D. Vyas [195]
- J Wu [205]
- H. Xu [158]
- M. Yadav [228]
- Y. Yu [285]

Eastlake High School

- A. Williams [104, 146, 282, 297]

Extraordinary Private Home School

- A. Sanchez [265]

Francis Parker School

- M. Antkowiak [192]
- J.P. Pierce [119, 154, 314, 342, 346]

Granite Hills High School

- D. Hirt [147]

Health Sciences High and Middle College

- J. Bonine [279, 279]

High Bluff Academy

- A. Ashour [295]

High Tech High Mesa

- E. Usaha [248, 293]

La Jolla Country Day School

- R. Sah [149]

La Jolla High School

- H. Eaton [106]

Mater Dei Catholic High School

- R. Pryce [111, 123]

Mt. Carmel High School

- H. Kalyanaraman [151]

Rancho Bernardo High School

- M. Li [259]
- R. Outlaw [156]
- B. Xia [283]

San Diego Jewish Academy 9-12

- P. Hagarman [331, 333]

Scripps Ranch High School

- A. Abdurrab [141]
- P. Fowler [142, 143, 201, 250, 254, 371]

Stanford Online High School

- V. Sandoval [347]

Steele Canyon High School

- J. Allen [102]

The Bishop's School

- E. Bjanes [335]
- D. Cameron [203, 218]
- M. Jaiclin [105, 117, 220, 261, 262, 292, 323]
- L. Keller [174]
- A. Pelletier [299]

The Cambridge School

- M. Mayne [115]

Torrey Pines High School

- E. Aghassi [182]
- B. Belyea [260, 313]
- R. Robinette [252]

University City High School

- V. Badal [264]
- M. Quessenberry [103]

Westview High School

- L. Cox [101]
- S. Halandar [215, 171, 171, 204, 226, 332, 343, 345,]
- D. Loo [114]
- D. MacMartin [210, 222, 227, 251, 255,]
- C. Sun [205]

2025 School and Teacher/Advisor Directory

JUNIOR

All Hallows Academy

- M. Horvath [583, 746, 762, 765, 769, 783, 788, 797]

Bernardo Heights Middle School

- D. Flynn [691]
- C. Mukherjee [560]

Bright Horizon Academy 6-8

- N. Nasereldin [514, 516, 520, 521, 524, 543, 581, 618, 671, 672, 724]

Chula Vista Middle School

- T. Tom [545, 591, 725, 727, 730, 734, 781, 794]

City Tree Christian School 6-8

- C. Glick [517, 518, 553, 588, 754, 763, 771]

Coastal Academy

- B. Biernacki [641, 642]

Community Montessori Charter School Carlsbad

- I. Cooper [513]

Connect Academy Poway Unified

- C. Matos [764]

De Portola Middle School

- M. Bridges [555 673 750 753 755 782 792 796]

Eastlake Middle School

- G. Carrillo [571, 662]
- J. Kasem [614]

Elite Academic Academy

- D. Brum [743]

Extraordinary Private Home School

- S. Sanchez [503]

Farb Middle School

- P. Huntington [747]

Francis Parker School

- JP. Pierce [663]

La Jolla Country Day School

- M. Bessler [504, 631, 637, 664, 684, 698]

Mt. Helix Academy

- K. MacDonald [512, 541, 585, 589, 590, 593, 645, 647, 665, 666, 667, 731, 749, 756, 793, 795]

Muirlands Middle School

- L. Trombley [501, 552, 681, 711]

Nazareth School

- M. Reed [522, 558, 584, 586, 640, 686, 688, 741, 748, 751, 752, 785, 786, 791]

Oak Valley Middle School

- K. Bhatt [613]
- N. Bojja [601]
- I. Chester [784]
- S. Gorugantu [638]
- S. Katari [728]
- K. Latonio-Wilson [519]
- P. Hande [615]
- P. Hewett [587]
- R. Villi [697]

Pacific Trails Middle School

- M. Abelmann [616]
- E. Main [544, 611]
- M. Mareth [557]
- A. Xu [634]

Rolling Hills Ranch Academy

- S. Gorman [668]

San Diego French American School

- A. Mobley [561, 670, 770]

San Diego Hebrew Day School

- D. Pink [502, 515, 551, 648, 721, 733, 742, 744, 761, 787, 790, 798]

Solana Pacific La Jolla Country Day

- M. Bessler [722]

St. Mary's School - El Centro

- C. Lizarraga [546, 559, 690]

St. Michael's School - Poway

- D. Jacob [661]
- K. McHale [646, 695, 696, 745, 767, 789]
- L. Ray [582]

St. Peter the Apostle Catholic School

- C. Diem [723, 732]

Stella Maris Academy

- E. Carrano [683]

The Bishop's School

- B. Barry [556 674]
- K. Kleinertz [523, 542, 562, 633, 644, 694, 768]

The Cambridge School High School

- M. Mayne [669]

The Children's School

- T. Brown [592, 636, 639, 682, 685, 687, 689, 692, 699, 700]
- D. Quincannon [511, 649]

The Rhoades School

- R. Hunker [525, 612, 617, 632, 635, 643, 693, 726, 729, 766]

Thurgood Marshall Middle School

- F. Zaman [554]

71st Annual Greater San Diego Science & Engineering Fair



Awards Ceremony 2025

March 13, 2025
The Observatory/North Park Theatre
2891 University Avenue
San Diego

Judging day is **Wednesday, March 12, 2025**

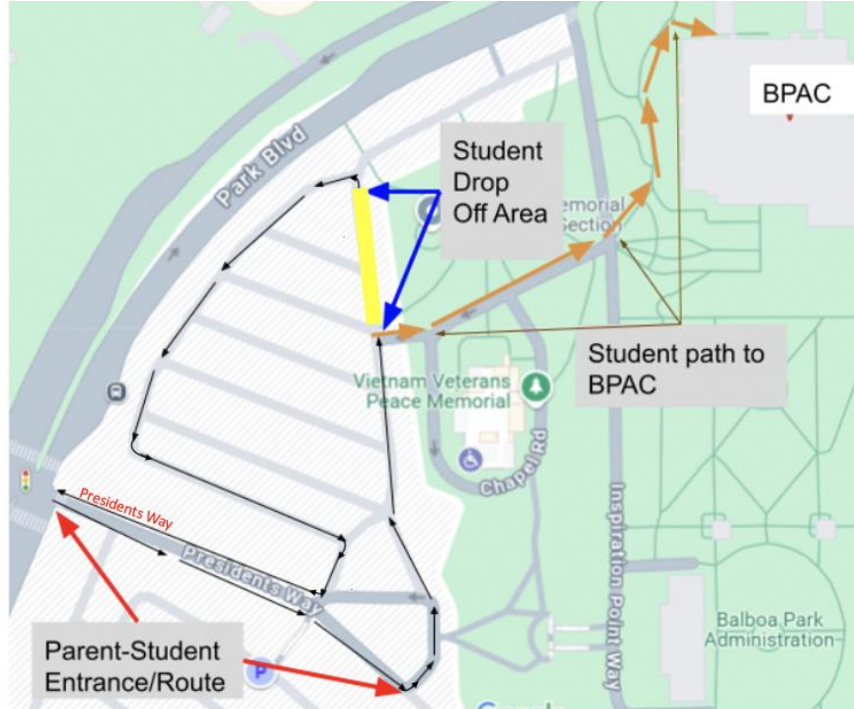
Only Students/Judges allowed during judging!

ALL Students Exhibitors must be present throughout judging, **UNTIL THE END OF ALL JUDGING.**

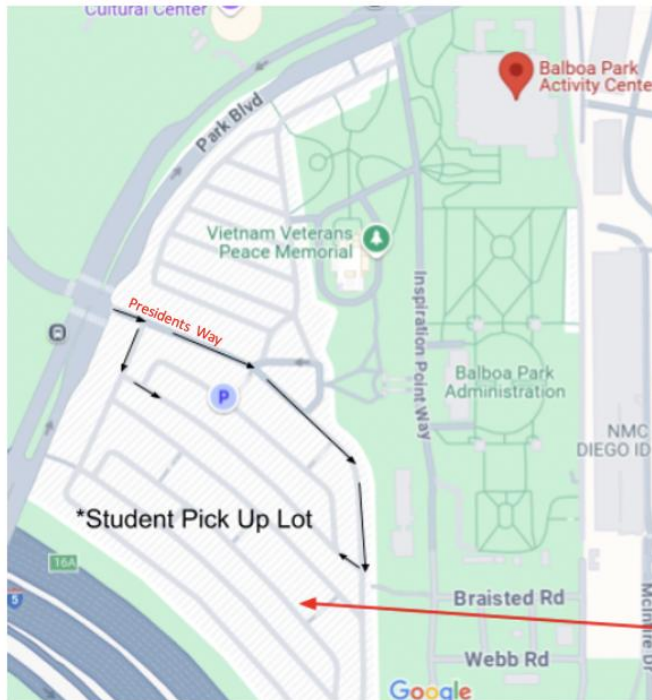
Dress in appropriate business-like attire. Flat shoes recommended.

WEAR YOUR NAME BADGE AND BRING YOUR LUNCH

MORNING STUDENT DROP OFF MAP (7:15 to 8:00 AM)



AFTERNOON STUDENT PICK UP MAP (3:00 to 3:30 PM)



*Please wait for your students in this lot. Please be patient. Please be SAFE.