

# Greater San Diego Science & Engineering Fair 2019

Do you have a curious, creative child in grades 7 - 12?  
Would you like your child to be challenged academically?  
Would you like to showcase your child's talents?

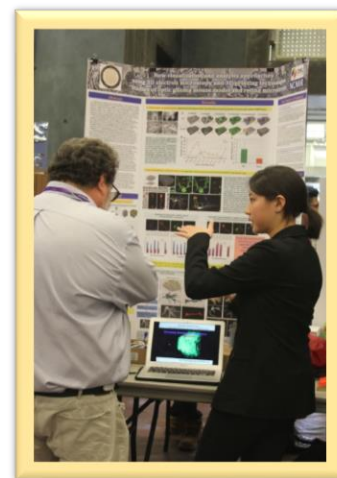
**PARTICIPATION IN THE SCIENCE/ENGINEERING FAIR IS THE ANSWER!**

**JOIN US** at our Informational Workshop  
for **interested parents and students.**

**Wednesday, May 23, 2018**  
**4:30 – 5:30 pm**  
**San Diego County Office of Education**  
**Room 306**  
**6401 Linda Vista Rd.**  
**San Diego, 92111**

To attend in person, go to **gsdsef.org** to sign up  
Or

Join our Livestream on Facebook  
**@sandiegosciencefair**



Since 1954, the GREATER SAN DIEGO SCIENCE & ENGINEERING FAIR (GSDSEF) has provided an inspiring experience in science and engineering for tens of thousands of San Diego County and Imperial County students, motivating them to pursue careers in science, technology, engineering, and mathematics.

This regional competition challenges students to ask compelling questions, to design and implement innovative solutions, and to present and defend results to judges who are professionals in their scientific fields.

The GSDSEF fosters creativity and innovation through inquiry, celebrates students' STEM achievements, and showcases how young minds can make an impact in the present and future.

**Science Fair participation produces memories for a lifetime!!**

## RESOURCES ARE AVAILABLE

- Workshops for Students, Teachers, and Parents
- e-Advice and e-Mentoring
- Student & Teacher Resources on the GSDSEF Website



## BENEFITS FOR STUDENTS TO DO A SCIENCE FAIR PROJECT:

- They have the opportunity to discover, explore, experiment, and build based on their own interests and curiosity.
- They do “real” research in the “real” world.
- They get a sense of accomplishment and increased confidence.
- They develop critical thinking and improved communication skills.
- They have the opportunity to discuss their research with industry experts - scientists, doctors, engineers, computer scientists, and mathematicians.
- They can include science fair participation in their college and scholarship applications.
- They can win awards, prizes, scholarships, as well as go on to other science and engineering competitions.
- Their research or engineering design could make a positive impact in making the world a better place.





## REASONS FOR PARENTS TO SUPPORT A SCIENCE FAIR

Participating in the Science Fair...

- encourages children to wonder, discover, explore their own interests, and be creative.
- allows for all learning styles and abilities.
- encourages children to be independent learners, and takes learning outside the classroom walls.
- brings the real world to life as children do “real” world research.
- builds self-esteem and self-confidence.
- provides opportunities to meet and work with scientists and engineers, and others with similar interests.
- opens doors to colleges, scholarships, and careers.
- improves all academic areas, as well as time management and communication skills.
- inspires career choices in science, engineering, or technology!



**ALL PARTICIPANTS ARE WINNERS!**

## Science Fair and Parents

A science fair project is ultimately not about building a volcano or making a robot. It's about research, experimentation, creativity and discovery. Students pull from many disciplines to complete an open-ended project. In the end, they not only get a sense of pride in their work, but also can earn awards, scholarships, and trips.

In the competitive world of college applications, participation in this event is a great plus because it proves that the student can complete a long-term goal. Your encouragement is also important in the success of your child's science and engineering experience. The science fair is a tremendous opportunity for learning and leadership. By supporting your child in a science fair, you are nurturing tomorrow's doctors, engineers, researchers, and inventors.



## How the GSDSEF Works

- 7<sup>th</sup> – 12<sup>th</sup> grade students decide on a project in one of 16 categories and conduct their research.
- Screeners review science and engineering projects from all over San Diego and Imperial Counties and recommend those that meet the criteria to apply to the GSDSEF.
- Judges from the science and education community interview students and evaluate projects for place awards at the Balboa Park Activity Center (BPAC).
- At the Awards Ceremony, over 1200 students, family members, teachers, and community leaders cheer as students receive their awards on stage.
- ALL students in the GSDSEF receive a place award (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, or 4<sup>th</sup>) ribbon on stage.
- Professional societies and organizations provide more than 150 awards and scholarships totalling over \$20,000.
- Special awards and scholarships are presented on stage.
- 1<sup>st</sup> place students can qualify for participation in the California Science and Engineering Fair, the Broadcomm MASTERS (gr. 7-8), and the International Science & Engineering Fair (gr. 9-12).
- Each student receives a Certificate of Merit.
- During Science Fair Week, student exhibitors have opportunities to go on tours of museums, the San Diego Zoo, and more.
- Projects are exhibited at the BPAC for the public to view during Science Fair Week after Judging takes place.
- Students can be a part of the Student Advisory Board where they can develop their leadership skills.

## 2018 GSDSEF Success

- Over 600 students from San Diego and Imperial County participated in the GSDSEF
- 89 students qualified for the California Science and Engineering Fair. Over 35% won a place award at the 2018 CSEF.
- 4 students qualified for the INTEL International Science and Engineering Fair to be held in May in Pittsburg, PA
- 60 students qualified for Broadcomm MASTERS to be held in September, 2018.



The GSDSEF is a registered all-volunteer 501(c)(3) non-profit public charity. EIN #23-7332855