



38 IRVINE UNIFIED SCHOOL DISTRICT TH ANNUAL SCIENCE FAIR

February 6, 2019

Sponsored by



In partnership with



SCHEDULE OF EVENTS

Wednesday, FEBRUARY 6, 2019

9:30 AM – 12:00 PM **JUDGING SESSION FOR STUDENT PROJECTS**

5:00 PM – 6:00 PM **OPEN HOUSE RECEPTION**

Northwood High School Gym

Students are encouraged to stand by their projects to answer questions from the public. The public is welcome to view all projects during this time.

ALL projects must be removed at the conclusion of the Open House Reception prior to the award ceremonies.

6:30 PM – 8:00 PM **AWARDS CEREMONY**

Northwood High School Gym for 6th Grade Students

Northwood High School Media Center for Middle and High School Students

6th Grade Students should stay in the Northwood Gym while 7-12 Grade Students should walk over to the Northwood High School Media Center.

To view a list of District Finalist





ADMINISTRATION

Terry Walker

Superintendent

Cassie Parham

Assistant Superintendent

Education Services

Catherine Holmes

*Executive Director Curriculum,
Instruction and Professional Learning*

Stan Machesky

Executive Director

Elementary Education

Alan Schlichting

Executive Director

Student Support Services

Keith Tuominen

Executive Director

Secondary Education

Chris Weber

Director

STEM

Meg Vanek

Coordinator

Elementary Science

Lisa Gordon

Coordinator

Secondary Science

BOARD OF EDUCATION

Paul Bokota

Lauren Brooks

Betty Carroll

Ira Glasky

Sharon Wallin

ACKNOWLEDGEMENTS

We would like to thank the following scientists, professionals, staff, and teachers who have generously donated their time and expertise to 38th Annual IUSD Science Fair.

We appreciate our judges whom have kindly volunteered this year from Broadcom, Cal Poly Pomona, Chapman University, Raytheon, Irvine Ranch Water District, University California Irvine, Western Digital and other institutions and companies in the community:

Vicky Anthony
Aisha Attar
Adrian Bahani
Ethan Barbour
Jeff Barrett
Tiffany Batarseh
Ibrahim Bayraktar
Danielle Bergazin
Brenna Biggs
Courtney Bonilla
Wendy Brown
Kevin Cabrera
Rianne Campbell
Lorne Cheeseman
Sima Chokr
Roberta Dornan
Morgan Dragan
Angeline Eugene
Mo Fatehi
Amber Fong
Krista Fruehauf
David Giordano
Chloe Groome
Mark Hanning-Lee

Logan Harriger
Sara Heedy
Greg Henk
Radhika Inugala
Vasu Kanekal
Kamaljit Kaur
Douglas Kiester, MD
Michael Kleinman
Michi Kono
Blake Lane
Jessica Lieu
Kay Linker
Brian Lloyd
Toni Lynch
Julia Lyubovitsky
Samuel Mahanes
Greg Moore
Thom Nass
Brian Nguyen
Brendan ODonnell
Vazi Okhandiar
Allan Pascual
Jayesh Patel
Timothy Quang

John Rau
Andrea Reyes-Ortiz
Barry Rich
Cynthia Rodriguez
Blanca Rodriguez
Rob Ryan
Sagar Sabade
Emily Sanders
Kas Seerla
Gowri Selvan
Douglas Skarecky
Charlie Smith
Bahareh Sorouri
Dinamarie Stefani
Yu Sun
Ashley Tarroja
Michael Toledano
Amanuel Tsehay
Suman Verma
Aleksandra Vyatskikh
John Walley
Beverly White
Van Wifvat
Justice Williams

In addition, special thanks to:

The staff at *Northwood High School* for hosting this year's science fair: Leslie Roach, Principal; Eric Keith, Assistant Principal; Ernie Medina, Lead Custodian; the entire Custodial Staff, Alan Simsovic and Chris Yin, IT Specialist.

Elementary Science Specialists: Darcy Angel, Kelly Banks, Katie Booth, Brian Cady, Kimberly Chanda, Sumer Dakak, Helen de la Maza, Kelsey Estrada, Rebecca Fent, Alison Garza, Dan Grubb, Lauren Hartshorne, Shannon Hayes, Diana Kim, Bree Koontz, Lauren LeBlanc, Katy Leishman, Matt Lien, Grace Linfield, Joie Mack, Kelsey Nass, Chuck Nelson, Robin Norfleet, Kevin Norfleet, Jennifer Parrino, Megan Seager, Annette Shoemaker, Vince Sipkovich, Robin Van Vorhis and Everett Yee.



Dear Scientists and Engineers of the Future:

Broadcom Foundation is honored to sponsor the 2019 Irvine Unified School District Science Fair in partnership with Irvine Public Schools Foundation (IPSF). All of us at the foundation are proud to celebrate your extraordinary achievements as young scientists and engineers!

As middle school competitors at the IUSD Science Fair, **ten percent** of you will be nominated to compete in the Broadcom MASTERS®! If you don't make the top ten percent, ***you have a second chance to be nominated*** if you participate in the Orange County Science and Engineering Fair.

If you are nominated for the Broadcom MASTERS, go online and compete! www.broadcomfoundation.org/masters.

The Broadcom MASTERS competition awards prizes to the Top 300 semifinalists in the US and invites the Top 30 to come to Washington DC to compete in October. Broadcom MASTERS Finalists have a great time working in teams to demonstrate their skills in science, technology, engineering and math. Finalists also visit historic sites in the Nation's Capital and have fun with their new friends who share their passion for STEM.

Have a great evening at the awards ceremony celebrating your passion for science and engineering – tonight, every one of you is a winner! We hope to see you in Washington DC this fall!

Sincerely,

A handwritten signature in black ink, appearing to read "Paula Golden". The signature is fluid and cursive, written in a professional style.

Paula Golden
President, Broadcom Foundation



Congratulations 2019 IUSD Science Fair Participants!

The Science Fair is just one of the many ways donations to IPSF enrich your child's education. From additional teachers and instructional assistants in classrooms, to elementary music education, to the Irvine CubeSat STEM Program, students have more opportunities to learn, discover, and innovate thanks to your generous support. Parents like you make it possible!

**To find out how you can help make an impact, visit
www.ipsf.net**



Proud sponsor of the IUSD Science Fair

