

Keynote Speakers



Dr. Jinny Rhee/CSULB



Amber Oakley/USSF



Dr. Patrick Fedick/USN



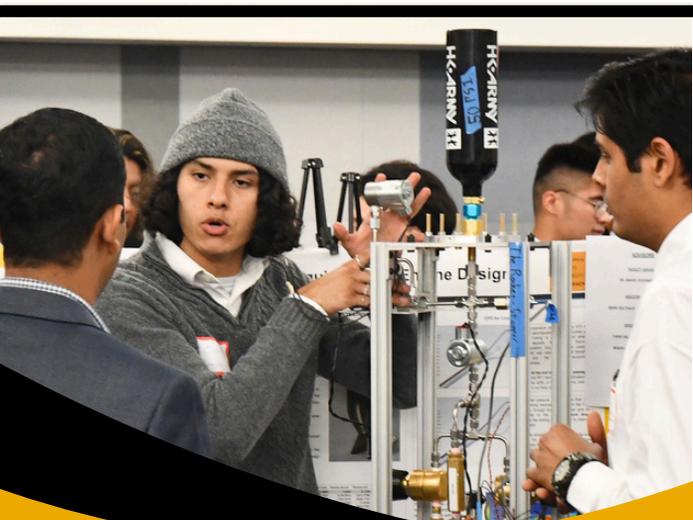
Dr. Shannon Sweitzer/USN



Taylor Clinton/NSTA

Judges

Mr. Arlen Biersgreen, Dr. Andrew Demko, Dr. Patrick Fedick, Dr. Neda Karami, Ms. Charlotte Kelly, Dr. Alex Klotz, Mr. Mark Mahboubi, Dr. Nim Marayong, Mr. Manohar Patnala, Dr. Mortaza Saeidi, Dr. Praveen Shankar, Dr. Paymon Shirazi, Dr. Marcus Smith, Ms. Abigail Shull, Dr. Christopher Rosser, Dr. Shannon Sweitzer, Ms. Nicole Tibbets, Ms. Amber Oakley, Dr. Victoria Stinson, Dr. Alan Wang, Dr. Amanda Wilmot, Dr. Parviz Yavari



CALIFORNIA SOUTHERN

JSHS

JUNIOR SCIENCE AND HUMANITIES SYMPOSIUM

Feb 20 & 21, 2025



75TH ANNIVERSARY

CALIFORNIA STATE UNIVERSITY
LONG BEACH

CALIFORNIA STATE UNIVERSITY
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About JSHS

Junior Science and Humanities Symposium is a Department of Defense sponsored STEM program that encourages high school students to conduct original research in the fields of science, technology, engineering, and mathematics and publicly recognizes students for outstanding achievement.

By connecting talented students, their teachers, and research professionals at affiliated symposia and by rewarding research excellence, JSHS aims to widen the pool of trained talent prepared to conduct research and development vital to our nation.

Biomedical Sciences/Chemistry/Engineering & Technology/Environmental Sciences/Life & Behavioral Sciences/Math & Computer Science/Medicine & Health/Physical Sciences

CALIFORNIA STATE UNIVERSITY
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College of Engineering



Projects

COHORT 1

Summit Room

Chloesse Chang (1) *Life & Behavioral Sciences*
Chloe Chen (2) *Life & Behavioral Sciences*
Xiao Jiang (3) *Life & Behavioral Sciences*
Finn Kerns (4) *Life & Behavioral Sciences*
Emmanuel Pudusery (5) *Life & Behavioral Sciences*
Kelsey Sullivan (6) *Life & Behavioral Sciences*
Jihwan Park (7) *Mathematics & Computer Sciences*
Ryan Rezael (8) *Mathematics & Computer Sciences*
Yixuan Yuan (9) *Mathematics & Computer Sciences*
Braden Yian (10) *Mathematics & Computer Sciences*

Sunset A

Trisha Chatterjee (1) *Biomedical Sciences*
Saanvi Dogra (2) *Biomedical Sciences*
Rohan Hablani (3) *Biomedical Sciences*
Khloe Naranjo (4) *Biomedical Sciences*
Nikhil Srinivasan (5) *Biomedical Sciences*
Zoe Tran (6) *Biomedical Sciences*
Sydney Zhang (7) *Biomedical Sciences*
Nathan Kang (8) *Biomedical Sciences*
Nandana Madhukara (9) *Physical Sciences*

Sunset B

Liwen Cheng (1) *Medicine & Health*
Chana Fink (2) *Medicine & Health*
Kourosh Khorrami (3) *Medicine & Health*
Jiaheng Li (4) *Medicine & Health*
Tanya Mandyam (5) *Medicine & Health*
Cloris Shi (6) *Medicine & Health*
Adam Soto (7) *Medicine & Health*
Candice Tang (8) *Medicine & Health*
Nithika Vivek (9) *Medicine & Health*
Jason Zhang (10) *Medicine & Health*

COHORT 2

Summit Room

Edward Avanes (1) *Chemistry*
Taehyun Bang (2) *Chemistry*
Matthew Wong (3) *Chemistry*
Andrew Blanco (4) *Environmental Sciences*
Aarav Desai (5) *Environmental Sciences*
Sarah Gao (6) *Environmental Sciences*
William Gao (7) *Mathematics & Computer Sciences*
Jaelyn Liang (8) *Environmental Sciences*
Hsiu Lee (9) *Mathematics & Computer Sciences*

Sunset A

Parth Saxena (1) *Environmental Sciences*
Aryan Sharma (2) *Environmental Sciences*
Kayden Studebaker (3) *Environmental Sciences*
Kelly Wagenseller (4) *Environmental Sciences*
Natalie Yip (5) *Environmental Sciences*
Lillian Zeng (6) *Environmental Sciences*
Neil Hu (7) *Environmental Sciences*
Isabelle Tran (8) *Environmental Sciences*
Ruilin Li (9) *Environmental Sciences*

Sunset B

Bingxuan Cheng (1) *Engineering & Technology*
Yiwen Cheng (2) *Engineering & Technology*
Shiqing (Justin) Luo (3) *Engineering & Technology*
Xander Petras (4) *Engineering & Technology*
Rohan Vasireddy (5) *Engineering & Technology*
Sophia Wong (6) *Engineering & Technology*
Shounak Ray Chaudhuri (7) *Engineering & Technology*
Aiden Kwon (8) *Physical Sciences*
Alexander Lee (9) *Physical Sciences*
Melissa Lee (10) *Physical Sciences*

Schedule

Thursday

- 9:00 – 9:30 am | Registration
- 9:30 – 10:00 am | Welcome & Introduction of Teams
- 10:00- 11:45 am | Keynote Speakers
- 12:00 – 1:00 pm | Lunch
- 1:00 – 2:00 pm | Cohort 1 Poster Displays
- 2:00 – 3:00 pm | Cohort 2 Poster Displays
- 3:00 – 5:00 pm | CSULB Research & Initiatives Displays
- 5:00 – 6:00 pm | Dinner & Recognition

Friday

- 8:30 am – 12:00 pm | Cohort 1 Presentations/Cohort 2 Workshops
- 12:00 – 1:00 pm | Lunch
- 1:00 – 4:00 pm | Cohort 2 Presentations/Cohort 1 Workshops
- 4:30 – 5:00 pm | Awards Ceremony
- 5:00 – 5:30 pm | Panel Discussions
- 5:30 – 6:0 pm | Dinner



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