

2nd Annual Environmental Science Research and Innovative STEM Education Symposium

Hosted by

UCSD Division of Extended Studies & Boz Life Science Research and Teaching Institute

October 21st | 4 p.m. – 9 p.m.
October 22nd | 8 a.m. – 1 p.m.

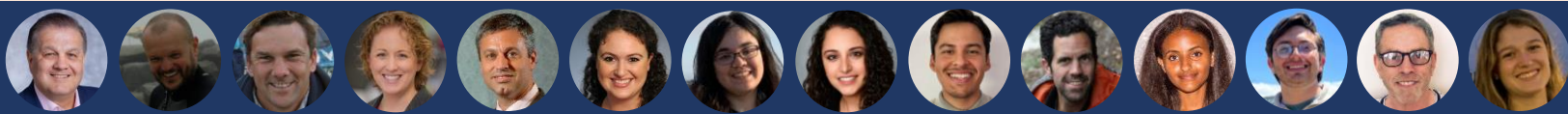
Register today!

UCSD Park and Market Building
1100 Market Street, San Diego 92101



Presentations by accomplished academics, STEM educators, government and life science industry leaders, and young scholars; conversations about life science research and STEM innovation

Registration is free and open to the public



Friday, October 21st

- 4:00 p.m. – 5:00 p.m.** Students' Poster Session
- 5:00 p.m. – 5:10 p.m.** Welcome from UCSD Division of Extended Studies Associate Dean, **Dr. Ed Abeyta**
- 5:10 p.m. – 5:35 p.m.** **Dr. Goran Bozinovic**, UCSD / Boz Institute: "The STEM student paradox: let them play early (and often)!"
- 5:40 p.m. – 6:15 p.m.** **Chris Stransky**, Toxicology and Aquatic Sciences Group Manager at Wood Environment & Infrastructure Solutions: "The San Diego Regional Harbor Monitoring Program"
- 6:20 p.m. – 7:00 p.m.** **Dr. Francie Barron**, Cardea Bio: "From CPUs to BPU's – A true multiomics platform for measuring the signals of biology"
- 7:05 p.m. – 7:45 p.m.** **Dr. Damian Shea**, Statera Environmental: "Measuring our exposures to chemicals: The known knowns, the known unknowns, and the unknown unknowns"
- 7:50 p.m. – 8:25 p.m.** **Dr. Kari Sant**, San Diego State University: "Developmental toxicity and molecular impacts of exposures to the DDT co-contaminants Tris(4-chlorophenyl)methane and -methanol"
- 8:30 p.m. – 9:00 p.m.** **Kesten Bozinovic**, Georgetown University / Boz Institute: "900,000 things to know about your estuary: non-targeted analysis of environmental contaminants in Tijuana River Estuary via composite integrative passive sampler"

Saturday, October 22nd

- 8:00 a.m. – 9:00 a.m.** Students' Poster Session
- 9:00 a.m. – 9:45 a.m.** **Maysoon Lehmeidi**, UCSD Division of Extended Studies, and **Armando Vazquez**, Boz Institute: "Promoting student engagement in bio conservation using eDNA to monitor endangered white and black abalone"
- 9:45 a.m. – 10:30 a.m.** **Dr. Keith Lombardo**, National Park Service: "Building bridges: Scientific partnerships in southern California's National Parks"
- 10:30 a.m. – 11:00 a.m.** **Salem Yohannes** and **Miguel Pesqueira**, Boz Institute: "Metagenomics: what's lurking in 10mg of your soil – friends or foes?"
- 11:00 a.m. – 11:30 a.m.** Intermission
- 11:30 a.m. – 12:10 p.m.** **Dr. Rick Gersberg**, San Diego State University: "Effect of Sewage Treatment on Microbial Water Quality of Coastal Waters in the U.S-Mexico Border Region"
- 12:15 p.m. – 12:50 p.m.** **Flannery McLamb**, Boz Institute: "Targeted chemical analysis of sediments and water reveals site-specific contaminants of concern at the Tijuana River Estuary"
- 12:50 p.m. – 1:00 p.m.** Closing Remarks