

## Boz Life Science Research Institute's 2nd Annual Environmental Science Research and Innovative STEM Education Symposium, 10. 21-22. 2022

### Description

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## 2<sup>nd</sup> Annual Environmental Science Research and Innovative STEM Education Symposium

Hosted by

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

October 21<sup>st</sup> | 4 p.m. – 9 p.m.  
October 22<sup>nd</sup> | 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 21<sup>st</sup>

Saturday, October 22<sup>nd</sup>

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"

8:00 a.m. – 9:00 a.m. Students' Poster Session

9:00 a.m. – 9:45 a.m. **Maysoon Dong**, 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

UC San Diego  
EXTENDED STUDIES

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### Category

1. Uncategorized

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