

PLATFORM PRESENTATIONS

Session 1:

1. Detection of Pathogens in Ocean Caught Adult Chinook Salmon prior to Freshwater Entry. **A. Chandler***, M. E. Daniels , B. Atencio , C. Michel , J. Notch , N. Mantua , and A. Segarra
2. Evaluating Fire Retardant Exposure on Salmonid Embryos in Aquatic Ecosystems. **K. Quijada Escobar***, L. Cominassi, P. Reece, S.Blechs Schmidt, S. Brander, A. Segarra
3. An Ecological Risk Assessment for Microplastics in the San Francisco Bay Using the Bayesian Network Relative Risk Model. **E.E.Sharpe**, S.R.Elmstrom, E.Whitney, S.L.Harper, W.G. Landis

Session 2:

1. Beyond the Usual Suspects: Prioritizing Known and Unknown Toxicants in California Sediments using Nontargeted Analysis and Hyalella azteca Toxicity Tests **Anna Feerick***, Bushra Khan , Bryn Phillips , Thomas M. Young
2. Identifying Organic Contaminants at Historic Trespass Cannabis Grow Sites on Federal Land in California, USA. **G.P. Black**, M. De Parsia, M. Uychutin, M. Gabriel, I. Medel, G. Wengert, C.D. Raines, D.W. Kolpin, L.E. Hubbard, M.L. Hladik
3. Performance metrics improve C. dubia chronic toxicity testing data quality **C. Irvine**, H.Bailey, P.Bedore, J.Westfall, A.Aue

Session 3:

1. The Future Looks Bright: Career Opportunities for Etox & Chemistry Graduates **M. Blankenship**
2. From Academia to Action: a Scientist Journey in Environmental Policy **K. Trunnelle**
3. What SETAC can do for you **C. Stransky**

Session 4:

1. Integration of Environment and Sustainability Metrics: Zinc Case Studies **E. V. Genderen**
2. Roberson-Bryan, Inc. Biology, Toxicology and Engineering Solutions **C. Irvine**
3. What Is It, How Much Is There, and How Did I Get Here? **J. Miller-Schulze**

SCHEDULE

8:30 - Registration Opens
Coffee & Donuts

9:00 - Presidents Opening Remarks

9:05 - Plenary: Dr. Timothy Mussen
"Service and Science at the Sacramento Area Sewer District, Sustained Environmental Protection and Resource Recovery"

9:50 - Platform Session 1

10:50 - Coffee, Snack, & Poster Break

11:20 - Platform Session 2

12:20 - Lunch
Chipotle Burrito Bar

1:20 - Plenary: Dr. Staci Cibotti
"From Research to Real-World Impact: How the Xerces Society is Working to Advance Invertebrate Conservation"

2:05 - Platform Session 3

3:05 - Coffee, Snack, & Poster Break

3:25 - Platform Session 4

4:25 - Presentation of Scholarships and Awards

4:35 - Poster Social & Raffle Drawing
Refreshments & Dumplings

POSTERS

Quantification of Fruit Fly Larvae using High Performance Liquid Chromatography. **A. Polapink***, S. Eidson, J. Miller-Schulze

Impact of hydrophobic organic contaminants mixture in a terminal slough on early life stage Delta Smelt. **M. Debources***, Z. Siddiqua , K. E. Huff Hartz, R. E. Connon, M. J. Lydy, A. Segarra

Perinatal Exposure to Smoke from the 2018 Camp Fire is Associated with Sex-Dependent Weight Changes. **A. Guess***, N. Siegel, D. Shrestha, G. Vu Vi Tran, L. A. Miller

Preparation and catalytic activity of a titanium-zeolite Y for photocatalytic decomposition of organic water contaminants. **J. Winters***, S. M. Crawford

Pesticides in Sacramento Valley Wildlife Refuges **E. LaBarbera**, A. Lenard , M.L. Hladik

Investigating Dietary Pathways of Anticoagulant Rodenticide Exposure of Free-Living Raptors in Agroecosystems Using Environmental DNA. H. De La Torre, M. Badger, **A. M. Luzzio***, R. Bourbon, B. Martinico

Determination of Metal and Metalloid Species in Disposable Pod E-Cigarette Aerosols. **M. R. Salazar***, L. Saini, N. E. Roberston, K. E. Pinkerton, A. K. Madl, Tr. B. Nguyen, B. A. Poulin

Monitoring Pathogens in the McCloud River to Support Chinook Salmon Reintroduction. **E. Feddor***, A. Chandler, L.M. Pearl, A. Ward, J. Ward, P.Herrera-Thomas, M. Salvador, B. Atencino, C. Jeffres, K. Nichols, R.C. Johnson, D. Cochrell, N. Fangue, M. Daniels, A. Segarra

Spatiotemporal trend analysis of copper in California watersheds. **R.L. Barton***, K.L. Molinari, B. Khan

Pesticide concentrations in surface water near illegal cannabis grows. **M. Uychutin**, G. P. Black, M. D. De Parsia, C. J. Sanders, E. M. LaBarbera, D. Sushch, C. E. Sanford, A. K. Le, M. L. Hladik

Lithium Nickel Manganese Cobalt Oxide Particles Cause Developmental Neurotoxicity in Caenorhabditis elegans. **R. F. Lopez**, J. Huayta, G. D. Z. Williams, S. A. Seay, P. D. Lalwani, S. Bacot, A. Vengosh, J. N. Meyer

The Acute And Sublethal Toxicity of 6 PPD-Quinone to Endangered Smelt in the Sacramento-San Joaquin Delta. **J. Lang**, L. Cominassi, A. Chandler, L. Wong, N. Fangue, T. Young, F. Mauduit, R. Connon, A. Segarra

Interconversion of Antimony in Disposable E-Cigarette Aerosols. **L. Saini***, M. R. Salazar, B. A. Poulin