



October 25 to 28, 2026 · Sentinel Hotel, Portland, Oregon

2026

SRP ANNUAL MEETING

Bridging Science, Communities, and
Translating Research to Practical Solutions



<https://beav.es/YQ5>



<https://beav.es/YQw>

PROGRAM CONTENTS

SRP ANNUAL MEETING

2026

OCTOBER

SUPERFUND RESEARCH PROGRAM ANNUAL MEETING

Meeting Agenda	3
Sunday, October 25	3
Monday, October 26	4
Tuesday, October 27	7
Wednesday, October 28	9

Speaker Biographies	11
----------------------------	-----------

Poster Sessions	27
Poster Session Information	27
Monday Posters (M-01 to M-55)	28
Tuesday Posters (T-01 to T-56)	32

Floor Maps	36
-------------------	-----------

MEETING INFORMATION

Registration

Monday, October 26 and Tuesday, October 27
7:00 to 8:00 AM

Questions During the Meeting?

Look for Lisa Truong or Shawn Tucker.

THANK YOU TO OUR SPONSORS



Oregon State University
College of Agricultural
Sciences



National Institute of Environmental Health Sciences
Your Environment. Your Health.

Craig Marcus
FOUNDATION

Waters™

MEETING AGENDA

SCIENTIFIC SESSIONS

SUNDAY

25

OCTOBER 2026

4:00 – 6:00 PM • RENAISSANCE ROOM, 3RD FLOOR

TRAINEE SESSION

4:00 PM Trainees only
Renaissance Room

MEETING AGENDA

SCIENTIFIC SESSIONS

MONDAY

26

OCTOBER 2026

7:00 AM BREAKFAST & REGISTRATION

7:00 – 8:00 AM · Governor Ballroom, 4th Floor

8:00 – 8:45 AM · GOVERNOR BALLROOM, 4TH FLOOR

OPENING SESSION

8:00 AM Opening Remarks

Robyn Tanguay (OSU)

Michelle Heacock, NIEHS SRP Director

Kyle Walsh, NIEHS Director

8:10 AM Welcome from the OSU College of Agricultural Sciences

Staci Simonich, Oregon State University

8:15 AM Plenary Address

Rhonda Kaetzel, ATSDR · From Exposure to Action: Partners Creating Healthier Communities

SESSION 1 · 8:45 – 10:15 AM

PAHS FROM SOURCE TO SOLUTION: EXPOSURE, DETECTION, HEALTH, AND REMEDIATION

GOVERNOR BALLROOM, 4TH FLOOR · CHAIR: SUSAN TILTON (OSU) · CO-CHAIR: SPENCER STINSON (OSU)

8:45 AM Melissa Suter (Baylor College of Medicine)

Environmental PAH Exposure and Its Impact on Placental Function

9:00 AM Kim Anderson (OSU)

Where Chemicals Go and How They Reach Us

9:15 AM Rebecca Hoehn (Duke)

Exposure to PAHs & Other SVOCs During Pregnancy: Maternal Predictors and Health Outcomes

9:30 AM Naomi Halas (Rice University)

Nanotechnology + Machine Learning: Detecting and Identifying Toxins in Our Environment and in Ourselves

9:45 AM Claudia Gunsch (Duke)

Microencapsulation as a Strategy to Enhance PAH Bioremediation

10:00 AM Q&A

MEETING AGENDA

SCIENTIFIC SESSIONS

MONDAY

26

OCTOBER 2026

10:15 AM BREAK

10:15 – 10:30 AM

SESSION 2 • 10:30 AM – 12:00 PM

METALS ACROSS THE LIFESPAN: EXPOSURE, HEALTH, SOURCES, AND SOLUTIONS

GOVERNOR BALLROOM, 4TH FLOOR • CHAIR: JOSE CERRATO CORRALES (NEW MEXICO) • CO-CHAIR: AARON ROMERO (NEW MEXICO)

10:30 AM Marc Weisskopf (Harvard)

Pre- and Early Postnatal Metal Exposures and Late Life Cognitive Function: The St. Louis Baby Tooth-Later Life Health Study

10:45 AM Audrey Bousquet (UNC)

Effects of Inorganic Arsenic, Hexavalent Chromium, and Selenium on DNA Damage in HTR-8/SVneo Placental Cells

KC DONNELLY AWARDEE

11:00 AM Debra MacKenzie (New Mexico)

Dynamic Exposures: Lessons from Thinking Zinc Clinical Trial

11:15 AM Arijeet Mitra (Columbia)

Can Trace Metals and Uranium Isotopes Detect Mine-Derived Uranium in Soils around Paguate Village?

KC DONNELLY AWARDEE

11:30 AM Ben Bostick (Columbia)

Developing and Field Testing Water Treatment Technologies for Arsenic and Uranium Removal in Drinking Water

11:45 AM Q&A

12:00 PM LUNCH

12:00 – 1:15 PM • Governor Ballroom, 4th Floor

SESSION 3 • 1:15 – 2:45 PM

PCBS AND TCDD: FROM COMMUNITIES AND MECHANISMS TO RESILIENCE AND REMEDIATION

GOVERNOR BALLROOM, 4TH FLOOR • CHAIR: KAI WANG (IOWA) • CO-CHAIR: CAMERON STOPFORTH (LOUISVILLE)

1:15 PM Jennifer Johnson (Michigan State)

The Past Is Still Present: Community-Engaged Science on PCBs, Dioxins, and PFAS in a Michigan Paper Town

1:30 PM Nicole Breese (Iowa)

Integrated Behavioral, Morphological, and Transcriptomic Profiling of PCB Metabolite Developmental Toxicity in Zebrafish

KC DONNELLY AWARDEE

1:45 PM Galen Newman (Texas A&M)

Enhancing Resilience in Texas Fenceline Communities

2:00 PM Tae-Kyoung Kim (UC Berkeley)

Addressing Complex Environmental Challenges Through Multidisciplinary Superfund Research

KC DONNELLY AWARDEE

2:15 PM Kirankumar Pushpakumar (Michigan State)

Dissolved Organic Carbon Enhances TCDD Mass Transfer from Soils to Activated Carbon

2:30 PM Q&A

MEETING AGENDA

SCIENTIFIC SESSIONS

MONDAY

26

OCTOBER 2026

2:45 PM BREAK

2:45 – 3:10 PM

SESSION 4 • 3:10 – 4:40 PM

DUST, METALS AND MIXTURES: LINKING EXPOSURE, HEALTH, AND MITIGATION

GOVERNOR BALLROOM, 4TH FLOOR • CHAIR: JOSEPH HOOVER (ARIZONA) • CO-CHAIR: MOHAMMAD ALAYYOUB (YALE)

3:10 PM Sarah Yelton (UNC)

Community-Engaged Approaches and Report-Back of Research Results Implemented in a Post-Disaster Context in Western North Carolina

3:25 PM Yin Chen (Arizona)

Beyond Chemicals: Environmental Fungi as the Missing “E” in Gene-Environment (G X E) Research

3:40 PM Weihsueh Chiu (Texas A&M)

Evaluating Potential Hazards and Risks of Mixtures Using New Approach Methodologies

3:55 PM Cailee Harrington (UNC)

Drinking-Water Coexposures in Hurricane-Affected Areas of Western North Carolina

KC DONNELLY AWARDEE

4:10 PM Raina Maier (Arizona)

Bioinspired Glycolipids as Novel Dust Suppressants for Mining Environments

4:25 PM Q&A

4:45 PM POSTER SESSION

4:45 – 6:45 PM • Grand Ballroom, 3rd Floor

7:00 PM DINNER

7:00 PM • Governor Ballroom, 4th Floor

MEETING AGENDA

SCIENTIFIC SESSIONS

TUESDAY

27

OCTOBER 2026

7:00 – 8:15 AM • COMPONENT GROUPS: 2ND FLOOR • ALL OTHERS: GOVERNOR BALLROOM, 4TH FLOOR
BREAKFAST BREAKOUTS

Administrators (Admin)

Library, 2nd Floor • Chairs: Carolyn Roman (UNM) & Arlean Rohde (Texas A&M) • Collaboration Counts:
Building Bridges Across Superfund Teams

Community Engagement & Research Translation (CEC/RT)

Billiard Room, 2nd Floor • Chairs: Diana Rohlman (OSU) and Ted Smith (Louisville)

Data Management & Analysis (DMAC)

Card Room, 2nd Floor • Chairs: Katrina Waters (PNNL), Cristian Coarfa (Baylor) and Fei Zou (UNC)

Center Directors

Fireside Room, 2nd Floor • Chair: Robyn Tanguay (OSU)

Research Experience & Training (RETCC)

Lodge Room, 2nd Floor • Chairs: Stacey Harper (OSU) and Jamie Bernard (Michigan State)

8:15 AM BREAK

8:15 – 8:30 AM

SESSION 5 • 8:30 – 10:00 AM

PFAS EXPOSURE, HEALTH, AND REMEDIATION ACROSS COMMUNITIES

GOVERNOR BALLROOM, 4TH FLOOR • CHAIR: RAINER LOHMANN (RHODE ISLAND) • CO-CHAIR: ATHINA LISGARA (YALE)

8:30 AM Max Aung (USC)

Integrating Community Engagement and Exposure Assessment to Address PFAS Contamination in Los Angeles Drinking Water Systems

8:45 AM Francesca Germano (OSU)

Spatial and Social Dimensions of Superfund Site Cleanup: Trends in Timelines and Community Characteristics

KC DONNELLY AWARDEE

9:00 AM Ana Marette Garcia (USC)

Advancing Risk Assessment of Emerging PFAS: Bridging Environmental Exposure and Human-Relevant In Vitro Mechanistic Studies

9:15 AM Olga Skende (STEEP, Rhode Island)

Albumin Is a Critical Factor Contributing to Plasma Per- and Polyfluoroalkyl Substances (PFAS) Concentration and Retention In Vivo

9:30 AM Susie Y. Dai (Texas A&M)

Beyond Chain Shortening: Sunlight-Driven Photocatalysis Reduces PFOA Toxicity

9:45 AM Q&A

MEETING AGENDA

SCIENTIFIC SESSIONS

TUESDAY

27

OCTOBER 2026

PANEL • 10:00 – 11:00 AM

TRIBAL ACADEMIC PARTNERSHIPS

GOVERNOR BALLROOM, 4TH FLOOR • MODERATOR: DIANA ROHLMAN (OSU) • CO-MODERATOR: MACKENZIE ALLISON (OSU)

10:05 AM Rae O'Leary (Columbia)

Tribal-Academic Partnerships

10:15 AM Emily Diamond (University of Rhode Island)

Communicating PFAS with Tribal Communities

10:25 AM Mallery Quetawki (University of New Mexico)

Community-Centered Approaches to Responsible Engagement of UNM METALS Center Community Partners

10:35 AM Panel Discussion & Audience Q&A

11:00 – 11:35 AM • GOVERNOR BALLROOM, 4TH FLOOR • AWARDEE ANNOUNCED AT THE MEETING

KAREN WETTERHAHN AWARD PRESENTATION

11:45 AM SUPERFUND SITE TOUR

11:45 AM – 4:30 PM • Buses leave the Sentinel at 11:45 AM and 12:15 PM

Salmon Springs Dock, 1010 SW Naito Pkwy • Boarding 12:30 PM, boat departs 1:00 PM, lunch aboard

Boat returns 3:30 PM • Buses back to the hotel at 3:45 and 4:15 PM

4:45 PM POSTER SESSION

4:45 – 6:45 PM • Grand Ballroom, 3rd Floor

7:00 PM DINNER ON YOUR OWN

7:00 PM • Directors' Dinner: Jake's Grill, 1st Floor

MEETING AGENDA

SCIENTIFIC SESSIONS

WEDNESDAY

28

OCTOBER 2026

7:00 AM BREAKFAST

7:00 – 8:15 AM · Governor Ballroom, 4th Floor

SESSION 6 · 8:15 – 9:45 AM

FROM CHEMICAL EXPOSURES TO HEALTH-PROTECTIVE SOLUTIONS

GOVERNOR BALLROOM, 4TH FLOOR · CHAIR: NOAH SCOVRONICK (EMORY) · CO-CHAIR: SAMANTHA MCFALL (LOUISVILLE)

- 8:15 AM** Clare Pace (UC Berkeley)
PFAS Concentrations in Drinking Water Among Households Served by Domestic Wells and Small Systems in California's San Joaquin and Salinas Valleys, 2023–2026
- 8:30 AM** Lindsay Volk (MIT)
Neonatal Susceptibility to NDMA: Developmental Stage, DNA Repair, and Maternal Alcohol Exposure
- 8:45 AM** Michael Petriello (Wayne State)
Placental and Fetal Sexual Dimorphism in Response to PFAS Mixtures
- 9:00 AM** Tracie Baker (Wayne State)
VOC/vPFAS in Urban Wastewater: From Environmental Fate to Reproductive Health Risk
- 9:15 AM** Desiree Plata (MIT)
Accelerating Sustainable Chemical Design
- 9:30 AM** Q&A

MEETING AGENDA

SCIENTIFIC SESSIONS

WEDNESDAY

28

OCTOBER 2026

9:45 – 11:00 AM

TRAINEE SHOWCASE

GOVERNOR BALLROOM, 4TH FLOOR · MODERATOR: ELIJAH COWAN (OSU) ·
OUTREACH, EDUCATION, SCIENCE COMMUNICATION, AND CREATIVE CONTRIBUTIONS BEYOND THE BENCH

- 9:45 AM** Alison Clark & Mitchell Kim-Fu (OSU; UC Berkeley)
Professional and Personal Outcomes of Graduate Student Participation in a Toxicology Outreach
Organization: 15 Years of TEAMTox
- 10:00 AM** Meredith Schervish (Texas A&M)
Incorporating and Communicating Air Quality Risk for a Cumulative Health Assessment in a Northeastern
Houston Community
- 10:15 AM** Aliyah Webster (Duke)
Resilience: An Ecotoxicology Board Game
- 10:30 AM** Nicolas Gentile (USC)
Innovative PFAS literacy strategies for high school students in Los Angeles County
- 10:45 AM** Q&A
- 11:00 AM** **REPORT BACK FROM BREAKOUT GROUPS AND ANNOUNCEMENTS**
11:00 – 11:45 AM · Governor Ballroom, 4th Floor

11:45 AM – 12:00 PM · GOVERNOR BALLROOM, 4TH FLOOR

POSTER AWARDS & CLOSING REMARKS

- 11:45 AM** Poster Awards
Jordan Smith (OSU)
Closing Remarks
Robyn Tanguay (OSU)

SPEAKER BIOGRAPHIES

MONDAY

26

OCTOBER 2026

OPENING SESSION & PLENARY ADDRESS



Robyn Tanguay

Dr. Tanguay is the Director of the Oregon State University Superfund Center and the project lead that is aimed at predicting the toxicity of PAHs and PAH mixtures.



Michelle Heacock

Michelle Heacock is the branch chief of the Hazardous Substances Research Branch and is a health science administrator where she oversees the Superfund Research Program (SRP).



Kyle Walsh

Dr. Kyle Walsh, is Director of the National Institute of Environmental Health Sciences (NIEHS), the world's premier biomedical research organization focused on environmental health. In addition to leading this NIH institute, he also directs the U.S. National Toxicology Program. In these roles, Dr. Walsh oversees a nearly \$1 billion annual budget to advance a broad portfolio of research into how environmental factors influence human health and disease.

SPEAKER BIOGRAPHIES

MONDAY

26

OCTOBER 2026

OPENING SESSION & PLENARY ADDRESS



Staci Simonich

Dr. Staci L. Simonich is Dean of the College of Agricultural Sciences at Oregon State University. She earned her Ph.D. in chemistry from Indiana University and her MBA from Oregon State. Before joining OSU in 2001, she spent six years at Procter & Gamble. She has held several leadership roles at OSU, including Executive Associate Dean and Associate Vice President for Research Operations and Integrity. Her research focuses on the fate, transport, and human exposure of pesticides and other semi-volatile organic compounds. She has published more than 100 peer-reviewed papers and has mentored over 50 graduate and undergraduate students.



PLENARY SPEAKER

Rhonda Kaetzel

From Exposure to Action: Partners Creating Healthier Communities

Dr. Rhonda Kaetzel is the Regional Director and Senior Toxicologist for Region 10 of the Agency for Toxic Substances and Disease Registry, or ATSDR, serving Alaska, Idaho, Oregon, and Washington. Dr. Kaetzel earned her bachelor's degree in biology and chemistry from California State University, Long Beach, and her PhD in toxicology from Oregon State University. She brings a regional public health perspective to the environmental health challenges that connect our research with the communities we serve. Her work includes ATSDR's efforts to address PFAS exposure, linking environmental contamination, scientific evidence, and public health action.

PAHs from Source to Solution: Exposure, Detection, Health, and Remediation



Susan Tilton

SESSION 1 CHAIR

Dr. Susan Tilton is an Associate Professor in the Environmental and Molecular Toxicology Department at Oregon State University, where she serves as Project Lead for the OSU/PNNL SRP project, "Linking PAH Exposure to Health Outcomes Using a Primary Human In Vitro Respiratory Model".



Spencer Stinson

SESSION 1 CO-CHAIR

I am a 5th-year PhD candidate in Dr. Robyn Tanguay's lab and a Superfund Trainee representing Oregon State University. My work aims to better understand the differential toxicity of PAHs in the embryonic zebrafish model system using transcriptomic and metabolomic techniques.



Melissa Suter

Melissa Suter is an Associate Professor at Baylor College of Medicine. As part of the Superfund Research Program, her work focuses on understanding how environmental exposures shape placental biology and fetal development, with the overarching goal of identifying mechanisms contributing to adverse perinatal outcomes such as spontaneous preterm birth.



Kim Anderson

Dr. Kim Anderson is a professor in the Department of Environmental and Molecular Toxicology at Oregon State University. She is the 2016 OSU Alumni Distinguished Professor and the recipient of the OSU 2017 Innovator of the Year award. Dr. Anderson has more than 200 peer reviewed articles and holds 5 patents. She was a member of the Gulf Research Program Advisory Council for the National Academies of Science and has served on the board of directors for both North America and World Council for the Society of Environmental Toxicology and Chemistry. Dr. Anderson has been developing passive samplers since 1999, and in 2008 developed the personal silicone wristband sampler technology to measure individual chemical exposure.

PAHs from Source to Solution: Exposure, Detection, Health, and Remediation



Rebecca Hoehn

Rebecca Hoehn is a Ph.D. candidate and Superfund trainee with Duke Superfund Research Center Project 1 (Prenatal Exposure & Neurodevelopment). Rebecca's research utilizes silicone passive samplers to investigate human exposures to semi-volatile organic compounds (SVOCs), including flame retardants, phthalates, pesticides, and polycyclic aromatic hydrocarbons (PAHs). Her work centers on characterizing patterns and predictors of these exposures in the Project HOPE 1000 pregnancy cohort, identification of sources in indoor environments (homes and vehicles), and development of exposure reduction strategies.



Naomi Halas

Naomi J. Halas is University Professor and the Stanley C. Moore Professor of Electrical and Computer Engineering at Rice University. She is a pioneer in the field of plasmonics and pursues applications in biotechnology, chemical sensing, and plasmonic photocatalysis. She is a member of NAS, NAE, the American Academy of Arts and Sciences, the Royal Danish Academy of Sciences and Letters, and the Royal Society of Chemistry (UK). She is one of the project leaders of the Baylor College of Medicine Multi-institutional Superfund Program.



Claudia Gunsch

Dr. Claudia Gunsch is the Muriel Theodorsen Williams Distinguished Professor of Civil and Environmental Engineering at Duke University and Director of the NSF Engineering Research Center for Precision Microbiome Engineering (PreMiEr). Her research focuses on understanding and engineering microbial communities to address environmental and human health challenges, with particular emphasis on bioremediation, environmental biotechnology, and the built environment. She has led interdisciplinary research programs aimed at translating fundamental insights in microbial ecology into practical strategies for improving environmental and human health.

Metals Across the Lifespan: Exposure, Health, Sources, and Solutions



Jose Cerrato Corrales

SESSION 2 CHAIR

José M. Cerrato is Professor and Regents' Lecturer in the Gerald May Department of Civil, Construction & Environmental Engineering at the University of New Mexico. He serves as Director of the UNM METALS Superfund Research Center and President of the Association of Environmental Engineering and Science Professors (AEESP). His research interest is related to biogeochemical processes affecting metal mixtures occurring at molecular and macro scales at the interface of water, energy, and environmental health.

Metals Across the Lifespan: Exposure, Health, Sources, and Solutions



Aaron Romero

SESSION 2 CO-CHAIR

My name is Aaron Romero and I am a Ph.D. Candidate at the University of New Mexico Health Sciences Center, where I will finish my Ph.D. in November. My projects involve how environmental pollutant exposure affects gut health. Some pollutants I am focused on include arsenic, uranium, and microplastics and how these chemicals affect the gut microenvironment. I am involved in the Gut Bioproject under the Superfund Research Center.



Marc Weisskopf

Marc G. Weisskopf, Ph.D., Sc.D., is the Cecil K. and Philip Drinker Professor of Environmental Epidemiology and Physiology at the Harvard T.H. Chan School of Public Health in the Departments of Environmental Health and Epidemiology and Director of the Harvard TH Chan NIEHS Center for Environmental Health. He is the leader of Project 1 in the Harvard MEMCARE Superfund Center.



Audrey Bousquet

I am a fourth year PhD candidate and SRP trainee under Dr. Rebecca Fry at the University of North Carolina at Chapel Hill. My dissertation research focuses on understanding the impact of inorganic arsenic exposure on the differentiation of human trophoblast stem cells in a cultured environment.



Debra MacKenzie

Dr. Debra MacKenzie is Co-Director of the UNM METALS Superfund Research Program and has served as Co-Lead of biomedical research projects in both Phase 1 and Phase 2 of the Center. She is also a Multiple Principal Investigator of the Navajo Birth Cohort Study, a prospective longitudinal study examining the health effects of prenatal and early-life environmental exposures. Her research focuses on understanding the health effects of metals and metal-mixture exposures across the life course, particularly in communities impacted by legacy mining.



Arijeet Mitra

Arijeet Mitra is a Postdoctoral Trainee at Columbia University's Mailman School of Public Health and the Columbia University Northern Plains Superfund Research Program, working with Drs. Anirban Basu and Kathrin Schilling. He uses isotope geochemistry and trace-metal analysis to trace contaminant sources. This project was carried out through a KC Donnelly Externship with UNM.

Metals Across the Lifespan: Exposure, Health, Sources, and Solutions



Ben Bostick

I am a professor of geochemistry and environmental science at the Lamont-Doherty Earth Observatory of Columbia University. My research involves using spectroscopy and field methods to understand the distribution of contaminants in the environment, and their impacts on human and environmental health.

MONDAY, OCTOBER 26 · SESSION 3

PCBs and TCDD: From Communities and Mechanisms to Resilience and Remediation



Kai Wang

SESSION 3 CHAIR

Dr. Kai Wang is a Professor of Biostatistics at the University of Iowa. He leads the Data Management and Analysis Core for the Iowa Superfund Research Program.



Cameron Stopforth

SESSION 3 CO-CHAIR

I am a postdoctoral researcher with the University of Louisville Superfund Research Center. My research focuses on environmental exposures and cardiometabolic outcomes, with a focus on community-based research projects.



Jennifer Johnson

Dr. Jennifer Lee Johnson is Associate Professor and Director of the Toxic Action Lab in Michigan State University's Department of Community Sustainability, and incoming leader of the Translational Research and Engagement Core of MSU's Superfund Research Center. Her research integrates ethnographic, archival, and community-based environmental health methods across Midwest communities grappling with industrial contamination, including the Michigan EGLE-funded Otsego Story Project, and human-environment relations in Ugandan fisheries, the subject of her forthcoming book *Sustainability Otherwise* (Duke University Press 2027). She is an appointee to the Michigan Advisory Council for Environmental Justice and an alumna of the Robert Wood Johnson Foundation's Interdisciplinary Research Leaders program.

PCBs and TCDD: From Communities and Mechanisms to Resilience and Remediation



Nicole Breese

Nicole Breese, Ph.D., is a postdoctoral researcher with the University of Iowa SRP Center, where she studies the neurotoxic effects of polychlorinated biphenyls (PCBs) and their metabolites. Her research has demonstrated that PCB metabolites can produce distinct neurobehavioral and structural abnormalities during early development. As a recipient of an NIEHS SRP K.C. Donnelly Externship, she trained at the Oregon State University SRP Center in high-throughput zebrafish screening approaches to investigate developmental neurotoxicity.



Galen Newman

Dr. Galen D. Newman is Professor and Head of the Department of Landscape Architecture and Urban Planning at Texas A&M University. His research integrates spatial analytics, climate adaptation planning, and community-based design to enhance resilience in flood-prone and contaminated areas. Author of over 150 journal articles and 4 books, he is a Fellow of both the American Society of Landscape Architects (ASLA) and the Council of Educators in Landscape Architecture (CELA). Dr. Newman is committed to fostering collaborative, engagement-based, and impact-driven research and teaching that prepare the next generation of planners and designers to address the pressing challenges of resilient growth.



Tae-Kyoung Kim

Tae Kim, Ph.D., is a Manager at Secretariat specializing in environmental chemistry and toxicology. A former UC Berkeley Superfund trainee and KC Donnelly Awardee, Dr. Kim focuses on advanced analytical methods and sustainable remediation strategies for emerging contaminants, including PFAS, PCBs, and chlorinated solvents.



Kirankumar Pushpakumar

Dr. Kirankumar P. S. is a Postdoctoral Fellow at Michigan State University. Kiran is an environmental analytical chemist specializing in persistent organic pollutants and advanced mass spectrometric analysis. As an SRP postdoctoral trainee, his research focuses on the environmental fate, bioavailability, and activated-carbon-based remediation of dioxins in contaminated soils.

Dust, Metals and Mixtures: Linking Exposure, Health, and Mitigation



Joseph Hoover

SESSION 4 CHAIR

Joseph Hoover is an Assistant Professor in the Department of Environmental Science and core-faculty affiliate of the Indigenous Resilience Center at the University of Arizona. He is a trained geographer with a specialization in geospatial modeling, and Indigenous environmental health. Dr. Hoover is the Community Engagement Core lead for the University of Arizona Superfund Research Center.



Mohammad Alayyoub

SESSION 4 CO-CHAIR

Mohammad Alayyoub is a physician from Kuwait, a PhD candidate in Environmental Health Sciences at Yale University, and a trainee in the Yale Superfund Research Program working with Dr. Ying Chen. His research examines the effects of chronic 1,4-dioxane exposure on liver health and metabolic function, with a focus on CYP2E1 and insulin signaling. He holds an MPH from Columbia University and a medical degree from the Royal College of Surgeons in Ireland–MUB.



Sarah Yelton

Sarah Yelton is the environmental education manager in the University of North Carolina at Chapel Hill Institute for the Environment and serves as the research translation coordinator for the UNC Superfund Research Program. Her research interests include examining how innovative report-back communication and educational materials shape public understanding of how environmental exposures impact human health. She also provides training in effective science communication for researchers and students and engages youth in resilience-focused programming about how extreme weather and natural disasters impact communities.



Yin Chen

Yin Chen, PhD, is Professor of Pharmacology and Toxicology at the University of Arizona R. Ken Coit College of Pharmacy, with expertise in pulmonary toxicology, airway epithelial biology, and host defense against environmental and infectious challenges. He serves as Project 1 Leader for the University of Arizona NIEHS Superfund Research Program, where his research focuses on how hazardous dust and mold exposures, alone and in combination, disrupt airway epithelial homeostasis and enhance susceptibility to lung injury and disease. His broader research program spans environmental lung disease, respiratory infection, airway immunity, and translational approaches to prevent and treat pulmonary disease.

Dust, Metals and Mixtures: Linking Exposure, Health, and Mitigation



Weihsueh Chiu

Weihsueh A. Chiu, Ph.D., is a professor in the department of veterinary physiology and pharmacology at Texas A&M University, where he is vice-chair of the Interdisciplinary Faculty of Toxicology and Deputy Director of the Superfund Research Center. He previously worked at the U.S. Environmental Protection Agency for more than 14 years, serving as Chief of the Toxicity Pathways Branch in the Office of Research and Development. Dr. Chiu received a Bachelor's in physics from Harvard University, a Master's and Ph.D. in physics from Princeton University, and a certificate in science, technology, and environmental policy from the Princeton School of Public and International Affairs.



Cailee Harrington

Cailee is a fourth-year PhD candidate in Dr. Rebecca Fry's lab at UNC-Chapel Hill. Her research focuses on drinking-water quality, especially toxic metals.



Raina Maier

Raina Maier is Professor of Environmental Microbiology at the University of Arizona, where her research explores how microbes and their products can be harnessed to protect human health and remediate contaminated environments. She is recognized for pioneering work on microbially inspired surfactants, including glycolipids for environmental cleanup, dust mitigation, and metal recovery in mining-impacted systems. Maier has served as Director or Associate Director of the UA NIEHS Superfund Research Center since 2002 and is a co-founder of the Center for Environmentally Sustainable Mining.

SPEAKER BIOGRAPHIES

TUESDAY

27

OCTOBER 2026

SESSION 5 ·

PFAS Exposure, Health and Remediation Across Communities



Rainer Lohmann

SESSION 5 CHAIR

Dr. Rainer Lohmann is a Professor at the University of Rhode Island's Graduate School of Oceanography. He obtained a degree in Chemical Engineering and a Doctorate in Environmental Science. He is Director of the URI-led Superfund Research Program Center on the Sources, Transport, Exposure and Effects of PFAS (STEEP).



Athina Lisgara

SESSION 5 CO-CHAIR

Athina Lisgara is a third-year Ph.D. student in Environmental Health Sciences at Yale School of Public Health and a trainee in the Yale Superfund Research Center. Her research investigates how environmental exposures interact with the genome to influence molecular pathways involved in Alzheimer's disease. She uses MALDI mass spectrometry imaging and liquid chromatography-mass spectrometry workflows to characterize exposure-associated molecular changes and explore potential disease mechanisms.



Max Aung

Max Aung is an Assistant Professor of Environmental Health at the USC Keck School of Medicine. He holds leadership roles as Director of the Translational Research Core in the USC Southern California Environmental Health Sciences Center and as Director of Community Engagement in the USC ShARP Superfund Research Center and the USC Center for Translational Exposomics Research.



Francesca Germano

Francesca Germano is a PhD candidate and SRC trainee in Dr. Diana Rohlman's lab, working on community-engaged, mixed-methods research related to environmental health disparities. Her current work is regarding community proximity and cleanup timelines of Superfund sites and reporting research results back to participants.

PFAS Exposure, Health, and Remediation Across Communities



Ana Maretti Garcia

Ana Maretti Garcia, MS, PhD, is a researcher at the University of Southern California whose work focuses on understanding the mechanisms underlying environmental exposure-associated liver disease using human-relevant in vitro models. She serves as Co-Leader of Project 1 within the Southern California Superfund Research and Training Program for PFAS Assessment, Remediation, and Prevention, where she investigates the hepatotoxic effects of PFAS and develops translational approaches to advance human health risk assessment.



Olga Skende

Olga Skende is a fifth-year PhD candidate at the University of Rhode Island and a STEEP (Sources, Transport, Exposure & Effects of PFAS) trainee in Project 3, working under Dr. Angela Slitt. Her research examines the biological determinants of PFAS toxicokinetics, specifically how membrane transporters and serum albumin binding shape plasma concentrations and tissue accumulation, using in vivo models and LC-MS/MS tissue distribution studies.



Susie Dai

Dr. Susie Y. Dai is a Professor at the University of Missouri whose research integrates environmental remediation, materials engineering, and synthetic biology to address persistent and emerging contaminants. Her group develops engineered biomaterials, living microbial systems, and hybrid biological-chemical platforms for contaminant capture, degradation, and resource recovery. Her work bridges fundamental molecular and materials design with scalable remediation technologies to reduce environmental exposures and protect human health.

TUESDAY, OCTOBER 27 · PANEL

Tribal Academic Partnerships



Diana Rohlman

Moderator

Dr. Diana Rohlman is an Associate Research Professor in the Department of Environmental and Molecular Toxicology at Oregon State University. A toxicologist, her research interests align at the intersection of toxicology, public health and research translation. The majority of her research is community engaged and incorporates returning data to individuals and communities (report-back of research results). She works with multiple communities and agencies to identify, translate, and disseminate information to reduce environmental exposures and improve health.

Tribal Academic Partnerships



MacKenzie Allison

Co-Moderator

MacKenzie Allison is a PhD candidate at Oregon State University Superfund Research Center. Her research includes molecular toxicology of alkyl polycyclic aromatic hydrocarbons and Indigenous risk assessment.



Rae O'Leary

Rae O'Leary is an enrolled member of the Turtle Mountain Band of Chippewa and Assistant Director for Missouri Breaks Research. She has conducted research with Tribal communities throughout the Northern Plains for nearly 20 years and serves as PI of Community Engagement Core for the Columbia University Northern Plains Superfund Research Program. Her work focuses on bridging Tribal priorities, community engagement, and academic research to improve health in Tribal communities.



Emily Diamond

Emily Diamond is an Associate Professor of Environmental Communication at the University of Rhode Island. As co-lead of the Community Engagement Core of the STEEP (Sources, Transport, Exposure, and Effects of PFAS) SRP, she has worked with the Mashpee Wampanoag Tribe for the past six years to understand Tribal perceptions and priorities around reducing PFAS exposure, and co-create culturally-responsive risk communication.



Mallery Quetawki

Mallery Quetawki is a member of Zuni Pueblo, an indigenous community in western New Mexico. She received her B.S. in Biology with a minor in Art studio in 2009 from The University of New Mexico in Albuquerque. She is currently the Artist-in-Residence with the Community Environmental Health Program (CEHP) at the University of New Mexico-College of Pharmacy. Mallery has created culturally-relatable art to translate scientific ideas, health impacts and research on abandoned uranium mines that are currently undergoing study in several Indigenous communities. Her work continues to bridge Traditional Ecological Knowledge or Indigenous Ways of Knowing with Western science and medicine in hopes to create better pathways in communication between scientists, practitioners and Native American communities. Mallery is currently taking the next steps toward applying to medical school in hopes to return home to the underserved Zuni Reservation as a family physician.

SPEAKER BIOGRAPHIES

WEDNESDAY

28

OCTOBER 2026

SESSION 6

From Chemical Exposures to Health-Protective Solutions



Noah Scovronick

SESSION 6 CHAIR

Noah Scovronick is an Associate Professor at Emory University's Rollins School of Public Health. He is the Deputy Director of Emory's new COAST Superfund Research Center and is also mPI of one of the research projects. In addition to his research on hazardous substances, Noah spends much of his time investigating the health impacts of extreme weather and climate-related hazards.



Samantha McFall

SESSION 6 CO-CHAIR

Dr. Samantha McFall is a postdoctoral fellow with the University of Louisville Superfund Research Center investigating the impacts of environmental exposures on the cardiovascular system. She utilizes multiphoton intravital microscopy to evaluate leukocyte-endothelial interactions in real time. Her current research focuses on how independent chemical, and physiological stressors drive early-stage endothelial dysfunction.



Clare Pace

Dr. Pace has multidisciplinary training in epidemiology, environmental science and spatial data analysis as well as over 8 years of experience working with community groups and state and federal water agencies. As a community engaged researcher, Dr. Pace co-develops and implements strategies that advance water policy. In her current position as assistant project scientist at UC Berkeley, Dr. Pace co-leads the Center's Community Engagement Core - Water Science Shop (CEC-WSS), a community-academic-government collaboration that supports short and long-term solutions to drinking water challenges.

From Chemical Exposures to Health-Protective Solutions



Lindsay Volk

Dr. Lindsay Volk is a Postdoctoral Associate in Dr. Bevin Engelward's laboratory within the MIT SRP. She earned her PhD in Biomedical Sciences at the University of New Mexico under the mentorship of Dr. Laurie Hudson, studying arsenic co-carcinogenesis in the UNM METALS SRP. Her nearly decade-long SRP research examines how developmental stage, DNA repair capacity, and co-exposures shape susceptibility to environmental carcinogens, with her current work focused on NDMA-induced genotoxicity and early-life tumorigenesis.



Michael Petriello

Dr. Petriello is an Associate Professor at Wayne State University within the Institute of Environmental Health Sciences and Department of Pharmacology. He is co-leader of Wayne's Center for Leadership in Environmental Awareness and Research (CLEAR) RETCC and co-investigator on project 4.



Tracie Baker

Tracie R. Baker, DVM, PhD is a Professor of Environmental and Global Health at the University of Florida and Adjunct Faculty at Wayne State University, where she directs a multidisciplinary, translational research program bridging human, animal, and environmental health. Her NIH-funded One Health research evaluates contaminant levels in global environments, from the Great Lakes to the Everglades to Ethiopia, and using the zebrafish model to uncover the etiology of toxicant-induced adverse developmental, reproductive, and transgenerational health outcomes.



Desiree Plata

Desirée Plata is the School of Engineering Distinguished Professor of Climate and Energy at MIT and a hard technology innovator. She focuses on sustainable design and translates geochemical insight to inform deployable technologies that achieve high performance and reduce emissions in industrial systems, unlock circular resource flows, and promote ecosystem health and sustainability. She leads the MIT Methane Network, directs the MIT Climate and Sustainability Consortium, and co-directs MIT's Superfund Research Program. Plata is co-founder of Nth Cycle and Moxair, companies advancing domestic critical mineral recovery and low-temperature methane abatement. She holds a PhD from MIT and the Woods Hole Oceanographic Institution and has received many awards for her intellectual contributions and innovations.

Trainee Showcase



Elijah Cowan

Moderator

I am a fourth-year PhD Candidate in the Tanguay Lab at Oregon State University in the department of Environmental and Molecular Toxicology. In addition to being a SRC Trainee Leader and a member of SOT's Graduate Student Leadership Council, I am the Vice President of OSU's "TEAM Tox" trainee-led outreach organization.



Alison Clark

Alison Clark is a fifth year PhD candidate at Oregon State University under the advisement of Dr. Kim Anderson in the department of environmental and molecular toxicology, a large part of the OSU/PNNL superfund research center. Her research focuses on sources of polycyclic aromatic hydrocarbons and the determination of their movement and impact on human exposure via passive sampling.



Mitchell Kim-Fu

Dr. Mitchell Kim-Fu is a Postdoctoral Researcher with Dr. David Sedlak in the Department of Civil and Environmental Engineering at the University of California, Berkeley. He earned his Ph.D. and M.S. in Chemistry with Dr. Jennifer Field at Oregon State University. His research interests focus on the detection and occurrence of persistent organic pollutants in the environment and consumer products with implications for contaminant fate and human exposure.



Meredith Schervish

Meredith is a T32 postdoctoral fellow at the Texas A&M University SRP in Dr. Weihsueh Chiu's group as part of the Risk and Geospatial Core. She received her PhD in atmospheric chemistry from Carnegie Mellon University. Her work focuses on studying the intersection of air quality and public health.

Trainee Showcase



Aliyah Webster

Aliyah Webster is a third-year Ph.D. student and Superfund trainee in Dr. Joel Meyer's lab in the Nicholas School of the Environment and the Integrated Toxicology and Environmental Health Program at Duke University. There, she uses *C. elegans* to research the mitochondrial and neurological toxicity mechanisms of bis-FASIs, an emerging PFAS class increasingly used in lithium-ion batteries and detected in electronic waste, and how genetic variation may influence susceptibility. As a scientist who strives to merge her technical training with her passion for community engagement, Aliyah is committed to tackling environmental injustices in marginalized communities by researching the mechanisms through which disproportionate PFAS exposures may harm the developing nervous system and how these effects may vary across demographics, prioritizing effective science communication and translation throughout her entire research process.



Nicolas Gentile

Nico is a PhD student in Environmental Epidemiology at the USC Keck School of Medicine and a trainee in the Southern California Superfund Research and Training Program for PFAS Assessment, Remediation, and Prevention (ShARP). His research uses spatial and mixture-based epidemiologic methods to study how environmental exposures, including PFAS, VOCs, and microplastics, relate to liver injury, cancer, and other health outcomes. He also leads community-engaged work such as the SHAPE project, which brings high school students into PFAS exposure assessment and environmental health literacy.

POSTER INFORMATION

SRP ANNUAL MEETING

2026

OCTOBER

GRAND BALLROOM, 3RD FLOOR · 4:45 TO 6:45 PM

MONDAY, OCTOBER 26

4:45 to 6:45 PM

Grand Ballroom, 3rd Floor

Posters M-01 to M-55 · pages 28 to 31

TUESDAY, OCTOBER 27

4:45 to 6:45 PM

Grand Ballroom, 3rd Floor

Posters T-01 to T-56 · pages 32 to 35

FOR PRESENTERS

Poster Size

Suggested poster size is 36 inches tall by 48 to 60 inches wide (landscape orientation). Please size your poster to fit within these dimensions.

Setup

Put up your poster in the Grand Ballroom on the morning of your poster session so it is ready for attendees to view throughout the day. Look for the board labeled with your poster number.

During the Session

Please stand with your poster for the full session, 4:45 to 6:45 PM, to talk with attendees about your work. Be prepared to take down your poster at the end of the session.

Judging

Poster judging for trainees takes place during the poster session, so judges may stop by at any point between 4:45 and 6:45 PM.

Awards

Poster awards will be announced at the Poster Awards & Closing Remarks on Wednesday, October 28, at 11:45 AM in the Governor Ballroom (4th Floor).

POSTER SESSIONS

MONDAY

26

OCTOBER 2026

GRAND BALLROOM • 4:45 TO 6:45 PM

-
- | | |
|------|--|
| M-01 | Gigi Hewitt <i>Oregon State University</i>
Large Scale Physical Aquifer Model for the In-situ Bioremediation Using Hydrogels |
| M-02 | Julie Cusack <i>University of Southern California</i>
PFAS, Proteomic Signatures, and Metabolic Syndrome across the Life Course in Hispanic Populations with a High Prevalence of Overweight and Obesity at Baseline |
| M-03 | Koren Mann <i>McGill University</i>
Arsenic-induced atherosclerosis in a humanized Arsenic (3) Methyltransferase hyperlipidemic mouse model |
| M-04 | Joseph Hoover <i>University of Arizona</i>
Community Engagement with the Arizona DUST Center |
| M-05 | Aaron Romero <i>University of New Mexico, METALS</i>
Environmental Uranium Exposure Alters the Gut Microbiota in Mice and Humans |
| M-06 | Divya Yadav <i>University of Arizona</i>
Effect of Exposure Route and Sex on Arsenic-Induced Lung Fibrosis |
| M-07 | Alison Clark <i>Oregon State University</i>
The spatiotemporal dynamics of vapor-phase PAH exposure: An integration of personal and environmental passive sampling |
| M-08 | Annika Gehl <i>Oregon State University</i>
Illumination condition during development alters zebrafish transcriptomic, morphologic and behavioral responses to chemical stressors |
| M-09 | Kate Burgener <i>Oregon State University</i>
Organic Contaminant Degradation in Biosolids-Amended Soil Using White-Rot Fungi |
| M-10 | Jiyeon Shin <i>Texas A&M University</i>
Evaluating Compounded Flood and Contamination Risk in the Beaumont-Port Arthur Area, Texas |
| M-11 | Jennifer Bare <i>Oregon State University</i>
Investigation of Dichlorooctylisothiazolinone (DCOI) in Surface Water and Neurobehavioral Effects in Zebrafish (Danio rerio) Embryos |
| M-12 | Mario Ramirez <i>Oregon State University</i>
Evaluating PAH Mixture Toxicity in Human Bronchial Epithelial Cells Utilizing Benchmark Dose Modeling |
| M-13 | Juan Salazar <i>University of California, Berkeley</i>
In situations chemical oxidation of non ionic and ionic compounds: the role of sorption on stoichiometric efficiency |
| M-14 | Breandon Taylor <i>University of Louisville</i>
Inhaled Benzene Exacerbates Atherogenesis and Promotes Plaque Instability in Male LDLR ^{-/-} Mice |
-

POSTER SESSIONS

MONDAY

26

OCTOBER 2026

GRAND BALLROOM • 4:45 TO 6:45 PM

-
- | | |
|------|--|
| M-15 | Lindsay Volk <i>Massachusetts Institute of Technology</i>
Neonatal Susceptibility to NDMA: Developmental Stage, DNA Repair, and Maternal Alcohol Exposure |
| M-16 | Zhenjiang Li <i>University of Southern California</i>
Shared and life-stage-specific proteomic signatures of PFAS exposure across the life course |
| M-17 | Yashar Aghaei <i>University of Southern California</i>
Characterization of Airborne PFAS at an Urban Site in Central Los Angeles |
| M-18 | Anu Sethuraman <i>University of Arizona</i>
Adapting after the Church Rock Mill Spill: a community-engaged groundwater quality investigation in a rural, Indigenous Arizona community |
| M-19 | Noah Scovronick <i>Emory University</i>
COAST Superfund Center Preview |
| M-20 | Tyler Durkin <i>University of Arizona</i>
Structure-dependent interfacial behavior of bioinspired glycolipid surfactants |
| M-21 | Joaquin Lugo <i>Oregon State University</i>
Absence of the Gut Microbiome Sensitizes Hepatic Transcriptional Responses to PCB18 in a Sex-Specific Manner in hPXR-hCAR-CYP3A4-CYP3A7 Quadruple-Humanized Transgenic Mice |
| M-22 | Tammy Dugas <i>LSU School of Veterinary Medicine</i>
Exosomal miRNAs released by alveolar type II cells after exposure to environmentally persistent free radicals regulate nitric oxide release from lung endothelial cells |
| M-23 | Ibrahim Alshammari <i>Texas A&M University</i>
Using Primary Human Renal Proximal Tubular Cells to Characterize Nephrotoxicity Hazard, Dose-Response, and Toxicodynamic Variability Across Individuals |
| M-24 | Anna Mahony <i>Massachusetts Institute of Technology</i>
Pyrolysis of plastic and agricultural wastes for Sustainable Aviation Fuel (SAF) |
| M-25 | Eric Luera <i>Oregon State University</i>
Investigating 161 PAHs in Water and Resident Aquatic Organisms from an Industrial Harbor Over Two Decades |
| M-26 | Ashley De La Torre <i>Oregon State University</i>
Integrating Molecular Docking and Functional Assays to Identify Protein Targets of Alkyl Naphthalenes |
| M-27 | Weilun Zhao <i>University of Iowa</i>
Biochar and modified biochar facilitates revival of Dehalococcoides and improves ethene production rates in an anaerobic chlorinated ethene-dechlorinating consortium |
| M-28 | Zachary Smith <i>Michigan State University</i>
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) dose-dependent disruption of lipid metabolism alters ceramide and oxidized phospholipid levels in the mouse liver |

POSTER SESSIONS

MONDAY

26

OCTOBER 2026

GRAND BALLROOM • 4:45 TO 6:45 PM

-
- | | |
|------|--|
| M-29 | Nolan Gunter <i>University of California, Berkeley</i>
Aging out of the blue: Region-specific epigenetic clock calibration for a blue zone with the DNAm SuperLearner |
| M-30 | Brandon Pearson <i>Oregon State University</i>
Semi-comprehensive evaluation of cardiometabolic toxicity of chronic low-dose arsenic and uranium in mice |
| M-31 | Deven Narke <i>Baylor College of Medicine</i>
CYP1A2 Disruption Exacerbates Lung Injury and Alters Gene Expression, Metabolomic Profiles, and the Lung-Gut Microbiome Following Maternal Exposure to Polycyclic Aromatic Hydrocarbons (PAHs) and Postnatal Hyperoxia |
| M-32 | Spencer Stinson <i>Oregon State University</i>
Utilizing Bulk RNA sequencing, Spatial Transcriptomics, and MALDI-MSI to better understand differential toxicity between B[a]P and an Alkylated Derivative |
| M-33 | Anna Wojtowicz <i>Michigan State University</i>
Transcriptomic Responses to 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) in Human Hepatocyte-Only and Multicellular Liver Spheroids |
| M-34 | Shuer Li <i>Duke University</i>
Can <i>C. elegans</i> Predict Toxicity Across Ecotoxicological Species? |
| M-35 | Nicole Garrido <i>University of California, Berkeley</i>
Evaluating Persulfate-Based Oxidation as a Measure of PFAS Precursor Chemical Accessibility in Solids-Containing Systems |
| M-36 | MacKenzie Allison <i>Oregon State University</i>
Development of a Web-Based Risk Screening Tool for Indigenous Shellfish Consumption |
| M-37 | Safa Kalteh <i>University of Iowa</i>
Assessing the Impact of Sediment Remediation on Environmental and Personal PCB Exposure at the Portland Harbor Superfund Site |
| M-38 | Aaron Maynard <i>Oregon State University</i>
Evaluation of Pyrene Degradation via Pure and Site Specific Microorganisms |
| M-39 | Kirankumar Pushpakumar <i>Michigan State University</i>
Dissolved Organic Carbon Enhances TCDD Mass Transfer from Soils to Activated Carbon |
| M-40 | Amber Neville <i>University of Rhode Island</i>
STEEP Research Translation & Community Engagement |
| M-41 | Mackenzie Connell <i>Wayne State University</i>
Fate and transport of PFAS and volatile precursors across wastewater treatment and the nearshore environment |
| M-42 | Stuart Levine <i>Massachusetts Institute of Technology</i>
The Payoff of FAIR |
-

POSTER SESSIONS

MONDAY

26

OCTOBER 2026

GRAND BALLROOM • 4:45 TO 6:45 PM

-
- M-43** **Danielle Delp** *Rutgers University*
Spatial differentiation in organohalide respiring bacteria and the microbial community in dichlorobenzene enriched sediments from the Tittabawassee River, Saginaw River & Bay Superfund Site
-
- M-44** **Sascha Usenko** *Baylor University*
Analytical and Environmental Chemistry Core: Quantitative Chemical Identification and Quantification for the Baylor-Rice Superfund Research Program
-
- M-45** **Jaeden Bannon** *Baylor College of Medicine*
Superfund soil extracts from Portland Harbor and Vince Bayou, and PAH supermix induce CYP1A1 and 1B1 expression in human pulmonary cells
-
- M-46** **Hang Wu** *University of Southern California*
Paired household dust and drinking-water measurements reveal distinct PFAS profiles and exposure contributions in Southeast Los Angeles
-
- M-47** **Madeleine Kemo** *University of Rhode Island*
Tribal Perspectives, Concerns, and Information Preferences Around PFAS: feedback from a Talking Circle
-
- M-48** **David Degnan** *Pacific Northwest National Laboratory*
OSU-PNNL Superfund Research Center Data Analytics Portal
-
- M-49** **Nabil Gyamfi** *University of Rhode Island*
Evaluation of Fatty Acid Binding Protein (FABP) as a Key Mechanism for Emerging PFAS Distribution to the Liver In Vivo
-
- M-50** **Claire Hallmark** *University of Texas Medical Branch*
Building Capacity for Community-Engaged Research: Addressing Institutional and Community Barriers Through Competency-Based Training
-
- M-51** **Serhan Mermer** *Oregon State University*
Mapping PFAS Sources and Transport in the Columbia River Using Passive Samplers
-
- M-52** **Karleigh Duffield** *Michigan State University*
Listen, Learn, Act: Lessons from the Otsego Story Project for Community-Engaged Superfund Research
-
- M-53** **Pranooha Veeramachaneni** *Baylor College of Medicine*
Mice Lacking the NAD(P)H quinone oxidoreductase (NQO1 or NQO2) Genes are More Susceptible than Wild Type Mice to Hyperoxic Lung Injury in vivo: Protection by β -naphthoflavone (BNF) Treatment
-
- M-54** **Hyun Yoon** *University of California, Berkeley*
Environmental Context and Molecular Structure Jointly Govern PFAS Biotransformation: A Literature-Derived Machine Learning Analysis
-
- M-55** **Kevin Patterson** *Columbia University Mailman School of Public Health*
Association of urine uranium with eGFR: Longitudinal evidence from the Multi-Ethnic Study of Atherosclerosis

POSTER SESSIONS

TUESDAY

27

OCTOBER 2026

GRAND BALLROOM • 4:45 TO 6:45 PM

-
- | | |
|------|---|
| T-01 | Erin Hudson <i>University of Arizona</i>
Evaluating Precipitation Methods for Remediation and Recovery of Metals in Mining-Impacted Waters |
| T-02 | Timothy Mattes <i>University of Iowa</i>
Mitigating airborne PCB emissions from sediments with black carbon materials and PCB-degrading bacterial biofilms |
| T-03 | Eli Cowan <i>Oregon State University</i>
A Multi-Scale Embryonic Zebrafish Approach to Identifying Sulfonamide-Specific Mechanisms of Four-Carbon PFAS Toxicity |
| T-04 | Shayan Shahriar <i>Baylor College of Medicine</i>
ARNT1 Drives AHR Transcriptional Response, While ARNT2 Selectively Regulates Repression |
| T-05 | Emily Hyman <i>Baylor College of Medicine</i>
Sexual dimorphism of human placental trophoblasts to polycyclic aromatic hydrocarbons toxicities |
| T-06 | Rene Walsh <i>Baylor College of Medicine</i>
Placental Responses to PAH Exposure: Implications for Preterm Birth |
| T-07 | Lara Amaral <i>University of Kentucky</i>
Advanced Enterosorbents as a Potential Intervention to Alleviate PFAS in Vivo |
| T-08 | Farah Chowdhury <i>University of Iowa</i>
Spatial Mapping of Airflow and Tracer Gas Dispersion in a Classroom Using Metal Oxide Gas Sensors |
| T-09 | Paige Haley <i>University of New Mexico, METALS</i>
Citric acid aided mobility of metals from a uranium mining legacy site |
| T-10 | Nicholas Perpetua <i>University of Arizona</i>
In-vitro Reduction of Hexavalent Chromium Produces Stable Cr-DNA Adducts |
| T-11 | Yue Cui <i>Oregon State University</i>
The Human Microbiome as a Mechanistic Driver of Variations in Xenobiotic Metabolism and Re-Toxification |
| T-12 | Barathkumar Baskaran <i>Massachusetts Institute of Technology</i>
Electrochemical formation of N-nitrosodimethylamine in nitrite-impacted waters |
| T-13 | Ethan Stoddard <i>Pacific Northwest National Laboratory</i>
Metabolism of alkyl-phenanthrenes in human liver microsomes |
| T-14 | Kalea Gurfield <i>Oregon State University</i>
Investigating the Effects of Built Systems on Bioavailable Chemical Trends in the Columbia River |
-

POSTER SESSIONS

TUESDAY

27

OCTOBER 2026

GRAND BALLROOM • 4:45 TO 6:45 PM

T-15	Clare Pace <i>University of California, Berkeley</i> Household Drinking Water Sampling Study, California
T-16	Taylor Jones <i>Oregon State University</i> Using Extracellular Vesicles to Better Understand Inflammatory Response to Disease and Chemical Exposure
T-17	Jiang Zheng <i>Texas A&M University</i> Beyond Source Proximity: Historic Urban Fabric as a Predictor of Contemporary Surface-Soil Contamination
T-18	Carolyn Roman <i>University of New Mexico, METALS</i> UNM METALS Superfund Center Overview: Environmental Health Research on Uranium Mine Waste Exposures in the Southwest
T-19	Allison Spring <i>University of North Carolina at Chapel Hill</i> Analyzing Associations Between Environmental Exposures and Community Resiliency on Hypertension Prevalence in North Carolina
T-20	Taylor Vogel <i>Oregon State University</i> Supporting Environmental Health Research Through Engagement, Translation, and Capacity Building
T-21	Yerin Jung <i>University of Southern California</i> Estimation of individual-level blood PFAS concentrations using a toxicokinetic model paired with environmental exposure doses: extension to non-legacy PFAS
T-22	Mike Barton <i>Oregon State University</i> Automating Superfund-Site, publication, and media data collection using Python-based scraping tools
T-23	Caitlyn Arango <i>Oregon State University</i> Determination of fluorene transformation kinetics through fluorescence detection and PARAFAC modeling
T-24	Sarah Glass <i>Rice University</i> Bridging Hazardous Waste Remediation Metrics and Toxicological Endpoints: A Framework for Thermal-Catalytic Soil Treatment
T-25	Gurugowtham Ulaganathan <i>Duke University</i> Leveraging Human Mini-Brains to Assess Development Neurotoxicity
T-26	Kaitlyn Krushefski <i>University of Arizona</i> Co-Creating a Better Future: Outcomes of STEAM in Action Adult Environmental Health Education
T-27	Mallery Quetawki <i>University of New Mexico, METALS</i> Communicating Culturally-Relevant and Community-Tailored Environmental Health Science Research to Partner Communities

POSTER SESSIONS

TUESDAY

27

OCTOBER 2026

GRAND BALLROOM • 4:45 TO 6:45 PM

-
- | | |
|-------------|--|
| T-28 | Ian Malone <i>University of New Mexico, METALS</i>
Mineralogy and Characteristics of the Aeolian Transport of Uranium-bearing Minerals from the Jackpile-Paguate Uranium Mine Superfund Site |
|-------------|--|
-
- | | |
|-------------|---|
| T-29 | Aliyah Webster <i>Duke University</i>
Elucidating the Systemic Toxicity and Developmental Neurotoxicity of the Emerging Lithium-Ion Battery PFAS Class “bis-FASIs” in <i>C. elegans</i> |
|-------------|---|
-
- | | |
|-------------|--|
| T-30 | Mina Alaaldin <i>University of Arizona</i>
AI-Driven Dashboards Streamline Data Management and Visualization |
|-------------|--|
-
- | | |
|-------------|--|
| T-31 | Jorge Gonzalez Mejia <i>Emory University</i>
Human Exposure to Uncommon Industrial Toxicants Near Superfund Sites in Glynn County, Georgia |
|-------------|--|
-
- | | |
|-------------|--|
| T-32 | Brandon Beck <i>Oregon State University</i>
Transformation of Selected Alkylated Naphthalenes and Phenanthrenes by a Model Bacterium |
|-------------|--|
-
- | | |
|-------------|---|
| T-33 | Kelly O'Malley <i>Oregon State University</i>
Discovery, Characterization, and Risk Assessment of Vapor-Phase Chemical Exposure from Wildfire Smoke |
|-------------|---|
-
- | | |
|-------------|---|
| T-34 | Chelsea Hughes <i>Duke University</i>
Assessment of microbiome structure and renal phenotypes after benzo[a]pyrene ingestion in zebrafish |
|-------------|---|
-
- | | |
|-------------|---|
| T-35 | Meredith Schervish <i>Texas A&M University</i>
Community-driven cumulative health assessment in Northeast Houston, TX |
|-------------|---|
-
- | | |
|-------------|--|
| T-36 | Xenia De Gracia Medina <i>University of Arizona</i>
Climate-Driven Weathering Controls Arsenic Speciation and Enrichment in Particulate Matter from Legacy Mine Tailings |
|-------------|--|
-
- | | |
|-------------|---|
| T-37 | Claire Wu <i>Wellesley College</i>
Adduct Chip to Detect Potentially Carcinogenic Adducts |
|-------------|---|
-
- | | |
|-------------|--|
| T-38 | Grace Santos <i>Columbia University</i>
Evaluation of Two HPLC-ICP-MS Methodologies for Urinary Selenium Speciation: Implications for Exposure Sciences and Epidemiology |
|-------------|--|
-
- | | |
|-------------|--|
| T-39 | Nalu Martin <i>Oregon State University</i>
Leveraging Biomimetic Chromatography and the Embryonic Zebrafish Model for Drug Development |
|-------------|--|
-
- | | |
|-------------|--|
| T-40 | Sarah Black <i>Wayne State University</i>
Are sick plants still chatty? Anthropogenic volatiles interference with plant-to-plant communication |
|-------------|--|
-

POSTER SESSIONS

TUESDAY

27

OCTOBER 2026

GRAND BALLROOM • 4:45 TO 6:45 PM

T-41	Steve Chillrud <i>Columbia University</i> High-Resolution Groundwater Arsenic Prediction and Vulnerability Mapping for Private-Well Communities in Arizona
T-42	Cameron Stopforth <i>University of Louisville</i> Associations between volatile organic compound mixtures and allostatic load
T-43	Akhila Moorthy <i>Baylor College of Medicine</i> A community responsive studio to assess challenges and concerns facing people living near Superfund sites in Harris County
T-44	Ellen Bannon <i>Columbia University</i> Evaluating Exposure to Lithium in the Northern Plains
T-45	Binglin Guo <i>University of Southern California</i> Acidic thermal activation of persulfate as total oxidizable precursor assay in enhancing PFAS precursor conversion
T-46	Congying Wang <i>Michigan State University</i> TCDD Disruption of the Human Thyroid–Liver Axis In Vitro
T-47	Elizabeth Shapiro-Garza <i>Duke University</i> Chemical Contaminants in Soil and Well Water: A Summary of the Waccamaw Siouan Indigenous Science Initiative
T-48	Brendan O'Leary <i>Wayne State University</i> Beyond the PDF: CLEAR-Extract and the Development of Environmental Health Datasets
T-49	Mohammad Alayyoub <i>Yale University</i> Chronic 1,4-Dioxane Exposure at an Environmentally Relevant Concentration: Age-Associated Insulin Resistance and Hepatic Metabolic Responses in Mice
T-50	Ozce Durak <i>Yale University</i> Advancing VOC Treatment with Novel Materials and Processes
T-51	Tafazul Dar <i>Michigan State University</i> Functional Metagenomic Characterization of Genes Involved in Reductive Dehalogenation, Vitamin B12 Salvage, and Hydrogen Metabolism in Tittabawassee River Sediments
T-52	Lily Hoefner <i>Baylor College of Medicine</i> Loss of the Aryl Hydrocarbon Receptor Reduces 3-Methylcholanthrene-Induced Tumorigenesis in Mice
T-53	Athina Lisgara <i>Yale University</i> MALDI-TIMS-MSI to Investigate 1,4-Dioxane-Induced Hepatic Responses
T-54	Lisa Bramer <i>Pacific Northwest National Laboratory</i> Best practices for statistical analysis and integration of personal exposure and environmental sampling data
T-55	Katherine Franz <i>Silent Spring Institute</i> Digging into community questions: Exploring the legacy of PFAS water contamination in residential soils and home-grown produce
T-56	Andee Lister <i>University of Arizona</i> Developing Community-Engaged Air Quality Educational Materials for the Black Mesa Region of the Navajo Nation

FLOOR MAPS

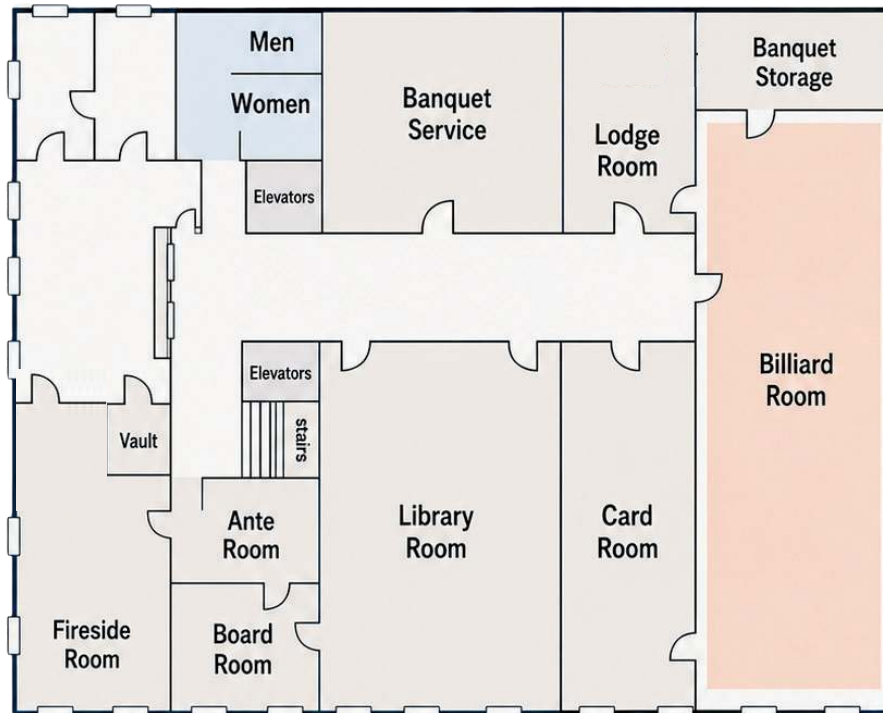
SRP ANNUAL MEETING

2026

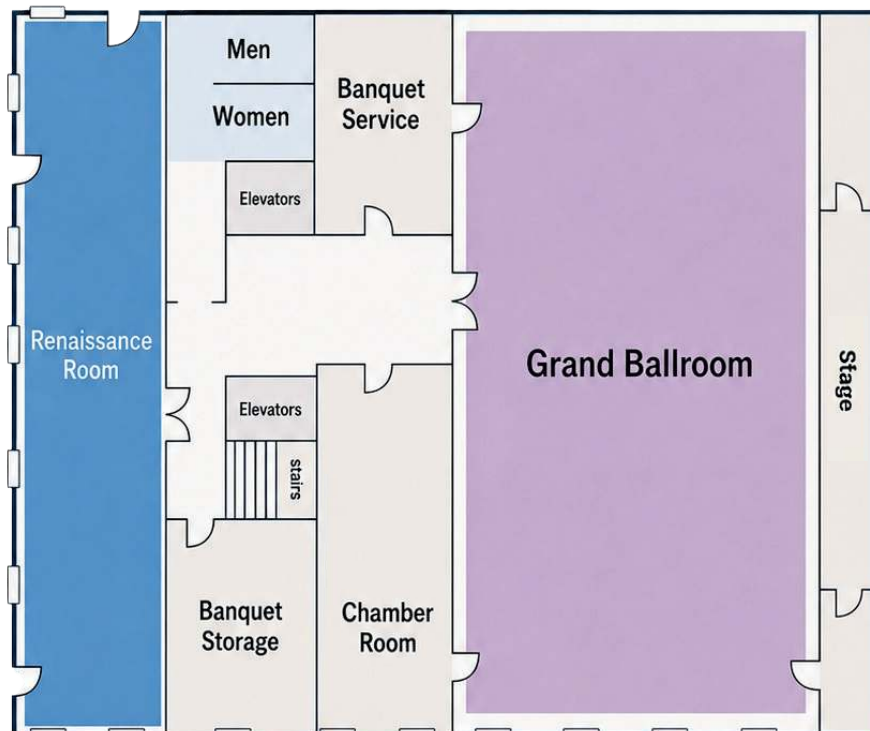
OCTOBER

SECOND AND THIRD FLOORS

SECOND FLOOR



THIRD FLOOR



FLOOR MAPS

FOURTH FLOOR

SRP ANNUAL MEETING

2026

OCTOBER

FOURTH FLOOR

