

PFAS Workshop: Translating Research Findings to Policies that Protect Public Health and the Environment

Hosted by the UC Berkeley Superfund Research Program (SRP)

Friday, June 7, 2024, at David Brower Center, Berkeley, CA*



Goals: Share research findings with stakeholders and discuss how they can inform policies to protect public health and the environment in California and EPA Region IX.

Program

9.00 am Overview of the issues and goals of the workshop. [Martyn Smith](#) (Director, UC Berkeley SRP)

Session 1: PFAS quantification, breakdown products, unknowns, and environmental fate and transformation.

[Chair, David Sedlak](#) (Leader, UC Berkeley SRP Proj. 4)

9.15 am David Sedlak (UC Berkeley). Quantification of PFAS using both oxidizable precursors and adsorbable fluorine measurements and update on microbial transformation of PFAS

9.30 am Jean Van Buren (U.S. EPA). US EPA efforts to standardize and employ the TOP assay to reduce risks associated with PFAS releases

9.45 am Roger Brewer (Dept. of Health, HI). Overview of DOH, HI's draft "Total PFAS Risk" guidance

10.00 am Discussion

10:30 am *Coffee break*

Session 2: Spatial analyses of domestic well households near PFAS sources with the CA Water Board and source apportionment of PFAS in drinking water.

[Chair, Rachel Morello-Frosch](#) (Leader, UC Berkeley SRP Proj. 1 & Community Engagement Core)

10.45 am Hailey Shingler (Community Water Center). Domestic Well Sampling and Testing Study

11:00 am Wendy Linck (CA Water Resources Control Board). Community Water Systems Testing Study

11.15 am Clare Pace (UC Berkeley). Spatial analyses of domestic well households

11.30 am Ned Antell (UC Berkeley). Source apportionment of PFAS in drinking water

11.45 am Discussion

12:15 pm *Lunch break (90 minutes) – lunch will not be provided. Return by 1:45 pm*

Session 3: Immune and other endpoints relevant to the development of regulatory standards for PFAS.

[Chair, Andres Cardenas, Stanford University](#) (Co-Leader, UC Berkeley SRP Proj. 2)

1:45 pm Andres Cardenas (Stanford University). Overview of PFAS regulatory standards, potential endpoints, and immune endpoints in the U.S. and Faroe Islands

- 2:00 pm Amy Padula (UCSF). PFAS and reproductive endpoints
- 2:15 pm Lida Chatzi (University of Southern California). PFAS and NAFLD and obesity in children
- 2:30 pm Matthew Small (U.S. EPA Region 9). US EPA PFAS progress update
- 2:45 pm Christopher Banks (OEHHA, CalEPA). Regulation of PFAS in CA.
- 3:00 pm Discussion. Which endpoints should be used? Which population(s) are relevant?
- 3:30 pm General Discussion and Future Plans**
- 4:00 pm Adjourn

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