

*The National Academies of*  
SCIENCES • ENGINEERING • MEDICINE

COMMITTEE ON TOXICOLOGY

Annual Meeting via Internet

August 6, 2020

**Preliminary Agenda**  
(Times are EDT)

*Towards Developing Data to Evaluate Environmental Risks for Replacement Fluorine-Free Aqueous Film Forming Foam (AFFF) Mixtures*

- 10:00 Welcome and Introductions  
*David Dorman, Chair*
- 10:15 Defining the Problem: Balancing Toxicity, Bioaccumulation, and Environmental Fate and Transport in Selecting Alternatives  
*Mark Johnson, APHC (U.S. Army Public Health Center)*
- 10:40 SERDP Efforts to Test New Fluorine-Free Formulations  
*Andrea Leeson, SERDP/ESTCP (Strategic Environmental Research and Development Program/Environmental Security Technology Certification Program)*
- 11:05 Assessment of Ecotoxicity and Persistence of AFFF Alternatives  
*David Moore, ERDC (U.S. Army Engineer Research and Development Center)*
- 11:30 Toxicity Testing of PFAS-Free Aqueous Film Forming Foam Replacements in Mice  
*Mike Quinn, APHC*
- 11:55 Break
- 12:25 Committee Discussion with Presenters  
Suggested topics:
- Balancing potentially competing properties of bioaccumulation, toxicity, persistence, fate and transport.
  - Testing an unknown (proprietary) formulation.
  - Tracking components within a mixture in in vivo and in vitro studies:
    - Determining stability in test vehicles.
    - Assessing accuracy in dosing suspensions.
- David Dorman, moderator*
- 2:10 *End of Public Session*