

Committee to Review EPA's 2022 Draft Formaldehyde Assessment: *Meeting 1*

Wednesday, October 12, 2022 (all times listed in EST)

9 AM – 2 PM	<i>Closed Session</i>
2 – 5:30 PM	<i>Open Session</i>
2:00 PM	Welcome and Introductions (Link to project webpage.) Kate Z. Guyton, PhD DABT , National Academies Responsible Staff Officer Jonathan M. Samet, MD , Committee Chair
2:25 PM	Presentation on National Academies report, “Review of U.S. EPA's ORD Staff Handbook for Developing IRIS Assessments: 2020 Version” Lisa Bero, PhD , Professor of Medicine and Public Health, University of Colorado
2:45 PM	Committee Q&A
3:00 PM	Break
3:15 PM	EPA Presentation and Committee Q&A Andrew Kraft, PhD , US EPA Thomas Bateson, ScD , US EPA
5:00 PM	Opportunity for Public Comment (Link to register for public comment.) <i>(Each commenter must register in advance and will have up to 3 minutes to comment.)</i>
5:30 PM	End of Open Session

Thursday, October 13, 2022

9 AM – 3 PM	<i>Closed Session</i>
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Speaker Biographies

[Dr. Thomas Bateson](#) is a senior epidemiologist with the U.S. EPA's Office of Research and Development in the Center for Public Health and Environmental Assessment in Washington, DC. He earned his Master of Public Health degree in epidemiology and biostatistics from the University of California at Berkeley and his Doctor of Science in epidemiologic methods from the Harvard T.H. Chan School of Public Health. Before joining the EPA in 2006, Dr. Bateson studied the causes of birth defects, children's health and development, the health of military personnel, and the effect of air pollution on the elderly using the case-crossover study design. At the EPA, he works together with statisticians and toxicologists from multiple disciplines to identify hazards and to quantify the associated risks. Dr. Bateson has contributed to the EPA Integrated Risk Information System (IRIS) assessments of environmental agents such as asbestos, formaldehyde, hexavalent chromium, manganese and PFAS (PFDA, PFHxS, PFNA). He has also contributed to the Office of Chemical Safety and Pollution Protection's Toxic Substances Control Act (TSCA) risk evaluations of chrysotile asbestos and carbon tetrachloride, as well as the Office of Water's evaluations of PFOS and PFOA.

[Lisa Bero](#) is a professor in the School of Public Health and the School of Medicine (General Internal Medicine) at the University of Colorado CU Anschutz Medical Center. She is also the Chief Scientist at the Center for Bioethics and Humanities at that medical center. In addition, she is an affiliated professor at the Charles Perkins Centre and School of Pharmacy, Faculty of Medicine and Health at the University of Sydney. Dr. Bero is an adjunct professor in the Department of Clinical Pharmacy and Institute for Health Policy Studies at the University of California, San Francisco. She is recognized for her methodological studies on bias (including publication/reporting, design and funding biases) in

the fields of clinical medicine (pharmaceuticals), tobacco control and environmental research, and on the use and implications of the evidence for prescribing decisions/policy. She investigates hidden biases in the design, conduct and publication of research. For more than 20 years, Dr. Bero has been actively involved in the Cochrane Collaboration, a global organization that summarizes the best evidence from research to help make informed choices about health care. She served as a member of the National Academies Board on Health Care Services; Committee to Review the IRIS Process, and Committee on Conflicts of Interest in Medical Research, Education, and Practice. Dr. Bero received a PhD in pharmacology from Duke University.

Andrew D. Kraft is the Associate Director of the Chemical and Pollutant Assessment Division within the Office of Research and Development at the U.S. EPA. In this capacity, Dr. Kraft oversees the development of Integrated Risk Information System (IRIS) assessments, as well as other technical products supporting Agency decision-making. Since joining the U.S. EPA in 2011, he has led, coordinated, or contributed to dozens of human health assessments of environmental chemicals and has worked to advance methods for assessment development through collaboration with other U.S. EPA programs and regions, other U.S. federal and state agencies, and international organizations. Most relevant to the current project, Dr. Kraft has been chemical manager of the IRIS formaldehyde (inhalation) assessment since 2012 and has been a primary author on the IRIS Handbook since its inception. Before joining the U.S. EPA, he received a PhD from the University of Wisconsin-Madison and did his postdoctoral training at the U.S. National Institute of Environmental Health Sciences. Dr. Kraft's graduate and postdoctoral studies were in neurotoxicology, focusing on protective mechanisms against neurodegenerative diseases and environmental insults.