Meeting 4: Review of the Texas Commission on Environmental Quality's Ethylene Oxide Development Support Document

Thursday, June 27, 2024 (all times listed in ET)

10:30 AM – 11 AM	***Closed Session***
11 – 1 PM	***Open Session***
11 AM	**Welcome and Introductions (Link to [project](#) webpage.)** ***Kate Z. Guyton**, National Academies Responsible Staff Officer* ***David Dorman,** Committee Chair*
11:20 AM	**EPA Presentation and Committee Q&A** ***Maureen Gwinn**, US EPA* ***Kristine Thayer**, US EPA* ***Paul White**, US EPA* ***Kyle Steenland**, Emory University*
12:30 PM	**Opportunity for Public Comment** *(Each commenter must register in advance and will have up to 5 minutes to comment. Preference will be given to one speaker per organization.)*
1 PM	**End of Open Session**
1– 1:30 PM	***Closed Session***

Speaker Biographies

Dr. Maureen Gwinn is the Principal Deputy Assistant Administrator for Research and Development and Chief Scientist at the US Environmental Protection Agency (USEPA). In these roles, specific duties include providing direction to the Office of Research and Development (ORD) on overall program goals, objectives, policies, strategies, technical and scientific approaches, and program plans, based on a recognized scientific expertise. She also chairs the Agency Science Technology and Policy Council and oversees the Agency's scientific integrity program. Dr. Gwinn has held multiple leadership roles within ORD including being the National Program Director for ORD's Sustainable and Healthy Communities (SHC) National Research Program, Director of the Biomolecular and Computational Toxicology Division within ORD's Center for Computational Toxicology Exposure, Senior Science Advisor to the Deputy Assistant Administrator for Science and Associate National Program Director for Community Public Health in SHC. Dr. Gwinn joined the US EPA in ORD's National Center for Environmental Assessment, where she worked on human health hazard assessments for the Integrated Risk Information System (IRIS) program.

Dr. Kris Thayer serves as the Director of the Chemical and Pollutant Assessment Division (CPAD) within the USEPA ORD's Center for Public Health and Environmental Assessment (CPHEA). CPAD scientists develop a range of fit-for-purpose human health risk assessment products based on the evaluation, synthesis, and analysis of the most up-to-date scientific information. Products include the IRIS and Provisional Peer Reviewed Toxicity Values (PPRTV) assessments. These products are developed through interactions with EPA's program and regional offices, other agencies, the scientific community, industry, policy-makers, and the public. Once finalized, they serve as a major scientific component supporting EPA's regulations, advisories, policies, enforcement, and remedial action decisions. CPAD also conducts research to develop innovative human health risk assessment methods (e.g., systematic review) that facilitate careful evaluation of scientific evidence, as well as tools and models (e.g., benchmark dose modeling software). Prior to joining USEPA, Kris was with the Division of the National Toxicology Program headquartered at the National Institute for Environmental Health Sciences.

Paul White is a Senior Advisor in the US EPA, Office of Research and Development, Center for Public Health and Environmental Assessment (CPHEA). He is an expert in statistical methods and modeling, and previously served as Branch Chief of the Quantitative Risk Methods Group for 11 years. Paul led the formation of CPHEA's Statistical and PBPK modeling workgroups and supervised work on major chemical risk assessments including trichloroethylene and ethylene oxide IRIS assessments. He has more recently supported EPA's quantitative risk assessment needs for regulatory actions on ethylene oxide. Paul has a bachelor's degree in physics from Princeton University and graduate training in biostatistics, and epidemiology from Johns Hopkins University. Paul's research interests have focused on dose-response analysis, exposure assessment, and quantitative interpretation of mechanistic data.

Kyle Steenland is a Professor in the Emory University Rollins School of Public Health. An environmental occupational epidemiologist, Dr. Steenland worked at the Centers for Disease Control and Prevention's National Institute for Occupational Safety and Health (NIOSH) from 1982 to 2002. While at NIOSH, Dr. Steenland worked with Dr. Leslie Stayner to conduct a study of mortality in more than 18,000 male and female workers exposed to ethylene oxide at 14 US facilities (see https://pubmed.ncbi.nlm.nih.gov/14691266/). After joining the Rollins School of Public Health, he contributed to the US EPA's 2016 Integrated Risk Information System assessment of ethylene oxide. His current projects are diverse and include PFOA, occupational lead, and household air pollution.