Energy Webinar #1:
Human Exposure Research in a Cyclical Industry Part 1: Air Emissions from Unconventional Oil and Natural Gas Development

February 26, 2021
12:00 to 1:30 PM Eastern

Register in advance for this webinar:
https://zoom.us/webinar/register/WN_EaBlDLJnSe-nfPBix9kEiQ

Background. Research on potential exposures and health effects associated with unconventional oil and gas development (UOGD) should be grounded in a good understanding of not only exposure assessment and epidemiology, but also the UOGD operations themselves. Study designs would benefit by researchers knowing about specific UOGD operations on and off of the well pad, how they might result in community exposures, and how they vary across space and over time as do, by extension, the exposures associated with them.

Overview of the Webinar. The webinar will increase understanding of specific UOGD processes associated with air emissions and trends in the emissions – learning from experience and looking to future changes that can influence human exposure. The primary goal is to inform policy makers, communities, and others making health-based decisions about UOGD and academics who must factor these trends into their study designs to ensure the utility of their human exposure research.

Webinar Agenda

Time (Eastern)	Topic	Speaker
12:00-12:05 PM	Welcome and Introduction	Anna Rosofsky, Staff Scientist, HEI-Energy
12:05-12:25 PM	Overview of UOGD operations that emit noise and chemicals to outdoor air	Ethan Carter, Environmental Engineer
12:25-1:05 PM	"Wish lists" of UOGD operational information for understanding emissions to air and associated human exposures for the purpose of protecting public health	
12:25-12:45 PM	> Federal Perspective	Cindy Beeler, Oil & Gas Air Technical Advisor, U.S. Environmental Protection Agency, Region 8
12:45-1:05 PM	> State Perspective	James Kenney, New Mexico Secretary of the Environment and Co-Chair of the ECOS Oil & Gas Caucus
1:05-1:30 PM	Panel Discussion with Q&A	Moderated by HEI-Energy