

2020 Shale Network Workshop TENTATIVE Agenda

Shale Gas: Future and Developing Issues

Thursday, May 14, 2020	
9:30 a.m. - 4 p.m.	Field trip: Energy Choices, Energy Footprints: Toward a Decarbonized Future
All sessions are in the 1855 Room and Coaly Ballroom at The Graduate unless noted otherwise	
5:30 - 6:30 p.m. Lower Lobby	Registration
5:30 - 7:30 p.m. 1855 Room	Ice Breaker <i>Poster presenters, put posters up for Ice Breaker in 1855 Room. Posters will be left up through Friday.</i>
7:30 - 9:00 p.m. Coaly Ballroom	Group Discussion: Energy Transitions and their Environmental Impacts <i>Moderators: Jennifer Baka, David Yoxheimer (Penn State University)</i> <i>Representative from US Energy Information Agency (TBA), TBA (PA Governor's Office of Energy or DEP), Ken Davis (Penn State University), TBA (Shell Oil Company), Jim Pivrotto (Senior Energy Analyst and Project Manager, Envinity), Matt Mehalik (Breathe Project)</i>
Friday, May 15, 2020	
All sessions are in the Coaly Ballroom at The Graduate unless noted otherwise	
7:15 a.m. Lower Lobby	Registration

7:30 a.m. Breakfast located in Coaly Ballroom	Continental Breakfast and Poster Setup <i>Speakers, please upload talks before session starts</i> <i>Poster presenters, put posters up before 8 a.m. and remove promptly by 5 p.m.</i>
8:00 a.m.	Introduction to the Workshop: Using Data to Promote Better Dialogue about Future and Developing Issues around Shale Gas Development <i>Susan L. Brantley (Penn State University); Jennifer Baka (Penn State University)</i>
8:20 a.m.	Title to be added <i>Denise Brinley (Executive Director at PA Governor’s Office of Energy)</i>
8:40 a.m.	Challenges in Health-based Research Near Oil & Gas Development <i>Jim Fabisiak (University of Pittsburgh)</i>
9:00 a.m.	Community Perspectives and Responses to Pipeline Development and Public Health Risks <i>Kirk Jalbert (Arizona State University)</i>
9:20 a.m.	Health-based Evaluation of Ambient Air Measurements Near a Marcellus Shale Unconventional Natural Gas Well Pad Site and a School Campus <i>Christopher Long (Gradient Corporation)</i>
9:40 a.m.	Break for Coffee <i>Speakers, please upload talks for next session</i>
10:00 a.m.	Unconventional Natural Gas Development in the Pennsylvania Marcellus Shale: The Current Public Health Perspective <i>Joan Casey (Columbia University)</i>
10:20 a.m.	A Closer Look at the Methods Behind Epidemiology Studies of Unconventional Resource Development <i>Judy Wendt Hess (Shell Health Risk Science Team, Shell Oil Company)</i>

10:40 a.m.	Approaches to Understanding Health Risks from Exposure to Shale Gas Development <i>Anna Rosofsky (Health Effects Institute)</i>	
11:00 a.m. 12:10 p.m.	Panel Discussion: Sorting out Real and Unreal Health Effects Related to Unconventional Resource Development: How do Different People Look at the Same Data and Come to Different Conclusions (and What Does It All Mean)? <i>Stephanie Hasanali (PA Department of Health), Joan Casey (Columbia University), Donna Vorhees (Health Effects Institute), Kirk Jalbert (Arizona State University), Judy Wendt Hess (Shell Oil Company)</i>	
12:10 - 12:30 p.m.	One-minute “advertisements” by each poster presenter about their poster	
12:30 - 1:30 p.m.	Reception-Style Lunch and Mill-Around Poster Session <i>Afternoon speakers, please upload talks</i>	
<i>Coffee service located in 1855 Room</i>	Coaly Ballroom A	Coaly Ballroom B
1:30 p.m.	TBA	Pipeline development from the Regulatory Perspective <i>Domenic Rocco (PA Department of Environmental Protection)</i>
1:50 p.m.	Managing Produced Water in a New Decade <i>Loren Anderson (Marcellus Shale Coalition)</i> <i>Jon Dufalla (Range Resources-Appalachia, LLC)</i>	Community Challenges and Choices Amidst Petrochemical Development <i>Matt Mehalik (Breathe Project)</i>
2:10 p.m.	Produced Water: Policy Considerations Concerning Disposal and Reuse Now and in the Future	Overview of Air Quality Monitoring Program for Shell’s Petrochemical Facility in Monaca, PA

	<i>Megan Garvey (U.S. Environmental Protection Agency)</i>	<i>Jim Sewell (Shell Chemical Company)</i>
2:30 p.m.	Break for coffee, rooms opened back up for Final Plenary	
2:50 p.m.	Environmental Hazards and Local Investment: Evidence from Over Half a Century of Abandoned Oil and Gas Wells <i>Max Harleman (University of Pittsburgh)</i>	
3:10 p.m.	A Legal Perspective on What is Happening with Abandoned Wells in Pennsylvania (exact title to be added) <i>Michael Brayme (PA Department of Environmental Protection)</i>	
3:30 p.m.	Performance of Historical Plug Jobs: Methane Emissions from Plugged Wells <i>Harry Wise, Seth Pelepko (PA Department of Environmental Protection)</i>	
3:50 p.m.	An Update on Quantification of Methane Emissions using Atmospheric Measurements <i>Kenneth J. Davis, Zachary R. Barkley (Penn State University)</i>	
4:10 p.m.	Wrap Up Plenary Discussion: What Do We Need to Do Next? <i>Susan L. Brantley, Dave Yoxtheimer, Jennifer Baka</i>	
4:30 p.m.	Assessment and Adjournment <i>Poster presenters, please remove your posters promptly</i>	