

**Northeastern Agricultural and Resource Economics Association (NAREA)
2014 Post-Conference Workshop Program
Unconventional Gas and Oil Development: Economic and Environmental Impacts**

Sponsored by:

National Agricultural and Rural Development Policy Center (NARDeP)
Davis College of Agriculture, Natural Resources, and Design, West Virginia University
Office of Sponsored Programs, West Virginia University
Regional Research Institute, West Virginia University

TUESDAY, JUNE 3, 2014

12:00 noon – 1:00 pm	Registration <i>Conference Area Lobby</i>
1:00 pm – 2:00 pm	Opening presentation by Timothy Carr , Marshall Miller Professor of Petroleum Geology, West Virginia University <i>“You Say You Want a Revolution: Shale Gas and Shale Oil in the U.S.”</i>
2:00 pm – 4:00 pm	Economic Development Paper Session <ol style="list-style-type: none"> 1. What can we learn about shale gas development from land values? Opportunities, challenges, and evidence from Texas and Pennsylvania, Jeremy G. Weber and Claudia Hitaj 2. The Economic Impact of Shale Gas Development: A Natural Experiment along the New York and Pennsylvania Border, Brendan Cosgrove, Daniel LaFave, Sahan Dissanayake, and Michael Donihue 3. An Empirical Investigation of Hydraulic Fracturing, Timothy Fitzgerald 4. Local and Non-Local Employment Associated with Marcellus Shale Development in Pennsylvania, Timothy Kelsey and Kirsten Hardy
4:00 pm – 4:15 pm	Coffee Break
4:15 pm – 6:15 pm	Revealed Preference Paper Session <ol style="list-style-type: none"> 1. Underground Storage of Natural Gas: An Examination of Property Values in Indiana, Michaela Jellico and Michael S. Delgado 2. Impact and Response: The Boomtown Effect of Shale Gas and Oil Drilling on Local Housing Markets, Michael Farren 3. A Hedonic Study of Hydraulic Fracturing and Moratoriums: A Border Discontinuity Approach, Andrew Boslett, Todd Guilfoos, and Corey Lang 4. Shale Gas Development and Housing Values over a Decade: Evidence from the Barnett Shale, Jeremy G. Weber, J. Wesley Burnett, Irene M. Xiarchos
6:30 pm – 8:30 pm	Dinner and Keynote Address by Alan J. Krupnick (with Hal G. Gordon), Senior Fellow Resources for the Future, Director of the Center of Energy Economics and Policy, and President of the Association of Environmental and Resource Economists <i>“What the Experts Say About the Environmental Risks of Shale Gas Development”</i>
8:30 pm – 10:30 pm	Reception (Cash Bar)

WEDNESDAY, JUNE 4, 2014

8:00 am – 10:00 am Panel Discussion “*The Salient Issues Surrounding Unconventional Fossil Fuel Development Important to Current and Future Economic Research*”

Moderator:

Randall Jackson, Director of the Regional Research Institute

Panelists:

Brian Anderson, GE Plastics Material Engineering Professor of Chemical Engineering, West Virginia University

Stratford Douglas, Associate Professor of Economics, West Virginia University

Joshua Fershee, Associate Professor of Law, Fellow of the Center for Energy and Sustainable Development, West Virginia University

Michael McCawley, Interim Chair, Department of Occupational and Environmental Health Sciences, West Virginia University

Douglas Patchen, National Research Center for Coal and Energy, Director Resource Extraction Division, West Virginia University

Paul Ziemkiewicz, Director of West Virginia Water Research Institute, West Virginia University

10:00 am – 10:30 am Coffee Break

10:30 am – 12:30 am **Environmental Impact Paper Session**

1. The Housing Market Impacts of Shale Gas Development, Lucija Muehlenbachs, **Elisheba Spiller**, and Christopher Timmins
2. Shale Oil and Gas Boom Economic Impacts and Assessment of Environmental Tradeoffs, **Wallace E. Tyner** and Farzad Taheripour
3. Water Quality Policy Considerations in Hydraulic Fracturing, **Linda M. Fernandez** and Jens Schubert
4. Multi-state Water Management Institutions and Unconventional Gas Development: Environmental and Economic Impacts in the Marcellus and Utica Shale Regions, **Charles Abdalla** and Lara Fowler

12:30 pm – 2:00 pm Lunch on your own

2:00 pm – 4:00 pm **Environmental Justice Paper Session**

1. Understanding Local Regulation of Hydro-Fracking: A Spatial Econometric Approach, **Martin Heintzelman**, Stephen Bird, and Patrick Walsh
2. A Test of Environmental Justice in the Natural Gas Industry Among Private Leasing Terms, **Ashley Vissing**, Christopher Timmins, and Emily Jorgens
3. Effects of Information-Based Regulation: Evidence from Hydraulic Fracturing, **T. Robert Fetter**

4:00 pm Workshop Closes

THURSDAY, JUNE 5, 2014

Unfortunately, the optional well pad tour scheduled for Thursday, June 5th has been cancelled due to an unforeseen change in the tour provider’s drilling operation schedule.