

# Lehigh University Energy Systems Seminar Series



RSVP:

<http://www.lehigh.edu/~inesei/>

**Tuesday, May 2, 2017**

**4:00 pm- 5:00 pm**

**STEPS 101**

**Lehigh University,**

**1 W. Packer Avenue,  
Bethlehem, PA**

## "A Pipeline vs People: One Homeowner's Tale"

Presented by

**Ned D. Heindel, Professor of Chemistry**

**Abstract:** A consortium of six gas and electric power companies has coalesced to form a billion dollar initiative to stretch a new 114-mile, 36" pipeline delivering fracked gas from the Marcellus shale in Luzerne County to Mercer County, New Jersey. The PennEast Pipeline plans to traverse miles of hardwood forests, parks, reservoirs, and environmentally protected lands. Despite economic analyses which show the pipeline is not needed, studies which point to minimal colocations with other ROWs, and widely questioned engineering techniques for crossing the Susquehanna, the Lehigh, and the Delaware, the project is driven forward by massive public intimidation programs and the threat of eminent domain seizures. This presenter and his wife own a 126-acre farm and nature preserve in Northampton County, which lies squarely in PennEast's projected ROW. Four preserved tracts will be bisected in a semicircular pathway, which maximizes the damage to forests and to steep slopes. This presentation analyzes one citizen's effort to legally resist encroachments of a corporate energy giant on a fragile, publicly protected, pristine landscape.

**Bio:** The presenter is the Howard S. Bunn Chair Professor of Chemistry at Lehigh. He is a pharmaceutical chemist with >170 publications, 18 patents, and five books in his fields of interest. Ned has supervised 40 doctoral graduates, 165 MS graduates, and 14 postdoctorals with federal, state, and corporate support. He has worked on teams which have brought five drugs to clinical trial stage.



earth & environmental sciences  
Energy Systems Engineering Institute