

**UNCONVENTIONAL ENERGY RESOURCES**

**NETL Team Technical Coordinator:** Alexandra Hakala

Name	Title	Affiliation
Hakala, Alexandra	Physical Scientist	NETL
Sames, Gary	Physical Scientist	NETL
Dilmore, Robert	General Eng	NETL
Peckney, Natalie	General Eng	NETL
Veloski, Garret	Research Chemist	NETL
Diehl, Rod	Physical Scientist	NETL
Hammack, Richard	Physical Scientist	NETL
Wells, Art	Research Chemist	NETL
Stanko, Denny	Phy Sci Tech	NETL
Hedges, Sheila	Research Chemist	NETL
Lopano, Christina	Physical Scientist	NETL
Edenborn, Harry	Microbiologist	NETL
Goodman, Angela	Physical Scientist	NETL
McIntyre, Dustin	Mechanical Eng	NETL
Soeder, Daniel	Physical Scientist	NETL
Mroz, Thomas	Geologist	NETL
Strazisar, Brian	Physical Scientist	NETL
Kutchko, Barbara	Physical Scientist	NETL
Rose, Kelly	Geologist	NETL
Brohmal, Grant	General Eng	NETL
McIntyre, Dustin	Mechanical Eng	NETL
Seol, Yongkoo	Physical Scientist	NETL
Siegel, Joel	Project Lead	URS
Murin, Tim	Research Scientist	URS
Jain, Jinesh	Research Scientist	URS

Name	Project Role	Affiliation	University Project Title
Glosser, Deb	Grad Student	Pitt	Characterizing Density and Distribution of Legacy Wells within the Aerial Extent of Shale Gas Plays for Integrated Assessment of Risk
Bain, Daniel	PI	Pitt	
Boardman, Gregory	PI	VT	Chemical characterization of produced water sludge
Countess, Stephanie	Grad Student	VT	
Sharma, Shekar	Grad Student	VT	
Wood, Petra B	PI	WVU	Environmental characterization (avian) prior to and during site well-pad construction and drilling
Davis, Ryan	Grad Student	WVU	
Sheehan, James	Grad Student	WVU	
Capo, Rosemary C	CO-PI	Pitt	Evaluate isotopic composition of geologic end-members and fluid samples (Capo – Stewart Pitt)
Stewart, Brian W	CO-PI	Pitt	
Gregory, Kelvin B	PI	CMU	Fate of naturally occurring radioactive material (NORM) in flow back and produced waters from shale gas development sites (Gregory – CMU)
Mohan, Arvind	Grad Student	CMU	
Vidic, Radisav D	PI	Pitt	Fate of Naturally Occurring Radioactive Material (NORM) in Flow back and Produced Waters from Shale Gas Development Sites (Vidic – Pitt)
Iannacchione, Anthony	CO-PI	Pitt	Gas flow from shallow gas formations
Vandenbossche, Julie	CO-PI	Pitt	
Li, Li	PI	PSU	Geochemical modeling - integration of isotope signatures
Karamalidis, Athanasios	PI	CMU	ICP-MS measurement of rare-earth elements in brines
Noack, Clint	Grad Student	CMU	
Zorn, Erich	Grad Student	Pitt	Induced seismicity monitoring using an array of geophones at an Industry host site
Harbert, William	PI	Pitt	
Small, Mitchell	PI	CMU	Integrating Atmospheric Dispersion Models and Statistical Analysis of Monitoring Data to Identify Leakage at Shale Gas Sites
Siriwardane, Hema	PI	WVU	Model simulation of rock failure due to long term fluid injection
Westman, Erik	PI	VT	Physics-based geomechanics, rock properties, and modeling to predict fracturing of shale
Wang, John Yilin	PI	PSU	Predicting volumes and compositions of produced water
Siriwardane, Hema	PI	WVU	Prediction of Fracture propagation in a multi-layered geologic formation
Karamalidis, Athanasios	PI	CMU	Shale-fluid interactions that lead to metal release
Sharma, Shikha	PI	WVU	Stable Isotopes as Indicators of Fluid Sources and Fluid-Rock Interactions in Complex Geological Systems
Bowman, Lindsey	Grad Student	WVU	
Warrier, Ajaya	Technician	WVU	

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Siriwardane, Hema J	PI	WVU	Coupled Thermal-Hydrological-Geomechanical Modeling of Gas Hydrates to Support Field Tests
Lin, Jeen-Shang	PI	Pitt	Geomechanical Strength, Deformability and Seismic Properties of Hydrate Bearing Sediments and Numerical Analysis - Constitutive Model Development
Sharma, Shikha	PI	WVU	Integrated Chemo-stratigraphic Characterization and Biogenic Stimulation of Organic Shale
Yao, Jianbo	PI	WVU	
Anderson, Brian	PI	WVU	Numerical Reservoir Simulations for Gas Production Field Tests - BP Field Test Simulation Support
McGuire, Patrick	Researcher	WVU	
Sridhara, Prathyusha	Grad Student	WVU	
Anderson, Brian	PI	WVU	
McGuire, Patrick	Researcher	WVU	
Garapati, Nagasree	Grad Student	WVU	
Capo, Rosemary C	CO-PI	Pitt	Optimizing parameters for predicting the geochemical behavior and performance of discrete fracture networks in geothermal systems
Stewart, Brian W	CO-PI	Pitt	
Phan, Thong Thai	Post Doc	Pitt	
Kolesar, Courtney	Grad Student	Pitt	
Achille, Megan	Under Grad	Pitt	
Li, Li	PI	PSU	Optimizing parameters for predicting the geochemical behavior and performance of discrete fracture networks in geothermal systems
Brunet, Jean-Patrick	Researcher	PSU	
Wen, Hang	Researcher	PSU	
Sharma, Shikha	PI	WVU	Optimizing parameters for predicting the geochemical behavior and performance of discrete fracture networks in geothermal systems
Henry, Stephen J	Grad Student	WVU	
Warrier, Ajaya	Technician	WVU	
Anderson, Brian	PI	WVU	United States Geological Survey (USGS) Alaska North Slope Gas Hydrate Development Life Cycle Assessment
McGuire, Patrick	Researcher	WVU	
Gaddipati, Manohar	Grad Student	WVU	