

**U.S. Department of Energy**  
National Energy Technology Laboratory  
Office of Public Affairs  
P.O. Box 10940  
Pittsburgh, PA 15236-0940



**U.S. Department of Energy**  
National Energy Technology Laboratory  
Office of Public Affairs  
P.O. Box 880  
Morgantown, WV 26507-0880

## ***NETL* REPORTS:**

News Media Contact:  
Shelley Martin, 304-285-0228

For Immediate Release  
November 1, 2010



The National Energy Technology Laboratory (NETL) has selected Dr. Yuhua Duan as a physical scientist. He will work on multi-scale modeling of solid and biological materials for CO<sub>2</sub> capture. Previously, he worked on theoretical selection of CO<sub>2</sub> solid sorbents as well as development of a high-temperature gas sensor.

Dr. Duan grew up in the Shaanxi province of China and earned a B.S. in chemistry, M.S. in chemical physics, and Ph.D. in condensed matter of physics from the University of Science and Technology of

China. He also earned a master's degree in computer engineering from the University of Minnesota (Minneapolis and St. Paul). He lives in Upper St. Clair, Pa.

NETL is one of the U.S. Department of Energy's national laboratories. NETL – “the ENERGY lab” – focuses on America's economic prosperity, which requires secure, reliable energy supplies at sustainable prices. Three overarching issues characterize the energy situation in the United States. They are energy affordability, supply security, and environmental quality. The Department of Energy's only government-owned, government-operated national lab, NETL is a research and technology center where these energy challenges converge and energy solutions emerge. NETL implements a broad spectrum of energy and environmental research and development programs through its own research staff and through funded research at other labs, universities, and industry that will return benefits for generations to come.