

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:
Joe Culver, 304/285-4822 or 304/282-7381

For Immediate Release
July 1, 2009



Vincent D. Bruno, a graduate of Thiel College and now a junior at the University of Pittsburgh, was selected as a research associate at the National Energy Technology Laboratory (NETL) under the U.S. Department of Energy's Oak Ridge Institute for Science & Education (ORISE) program. Bruno is completing the 10-week summer appointment at NETL's Pittsburgh, Pa., research site. NETL also has major research facilities in Morgantown, W.Va., and Albany, Ore.

A native of Pittsburgh, Bruno is pursuing a bachelor's degree in mechanical engineering and physics. He is working with his mentor, NETL researcher Sean Plasynski, on research in carbon sequestration, the process of capturing carbon dioxide and storing it in geologic formations in the subsurface. The work has potential to reduce carbon dioxide emissions in the United States and to help stabilize atmospheric carbon dioxide levels. Carbon dioxide is a greenhouse gas and its level in the atmosphere has increased significantly over the past two centuries. This increase is considered by many to be a contributing factor to the phenomenon of global warming and a potential cause of unwelcome shifts in regional climates.

The ORISE program offers summer appointments to undergraduate students, post-graduates, graduate students, post-doctoral researchers, and university professors to work part-time or full-time at NETL. Mentored by scientists and researchers, the research associates are assigned specific projects intended to teach them how to use their skills and qualifications to solve energy-related problems. The appointment provides research associates the opportunity to develop their professional, technical, leadership and communication skills, while promoting careers in energy, particularly in fossil fuel research and development.

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.