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For Immediate Release
Appropriate Date May 23, 2008

NETL Researcher Presented with Prestigious Technology Transfer Award Evan Granite Awarded for Commercialization of Innovative Mercury-control Technology

Dr. Evan Granite, a chemical engineer and research group leader at the U.S. Department of Energy's National Energy Technology Laboratory (NETL), was recently presented with a 2008 Federal Laboratory Consortium (FLC) Excellence in Technology Transfer Award during the FLC National meeting, which was held May 5–8 in Portland, Ore.

The award recognizes Dr. Granite's work in the commercialization of sorbents that remove mercury, arsenic, and selenium from fuel gas. The palladium-based sorbent, developed by Dr. Granite and colleagues, captures pollutants from fuel gas in a high-temperature environment and addresses the need for a low-cost mercury removal technique that can be applied to integrated gasification combined cycle and coal-burning power plants. Dr. Granite's innovative technology was licensed to the Johnson Matthey company for commercial development and application.

Dr. Granite's selection for this award is a result of his dedication to commercializing the important technology he helped to develop. He works in NETL's Office of Research and Development's Environmental Science Division, which aims to improve the nation's energy processes by developing technologies that will improve the efficiency and cost of environmental controls for coal-powered plants and other advanced energy systems. Dr. Granite's research interests are in catalysis and surface chemistry, pollution clean-up, electrochemistry, and energy/utility systems. Specifically, his research has focused on mercury and carbon dioxide removal from flue gas and fuel gases.

Originally from Brooklyn, N.Y., Dr. Granite is currently a resident of Wexford, Pa.

The Excellence in Technology Transfer Award recognizes researchers who have helped to commercialize new and innovative technologies. The award is presented annually to federal employees who have accomplished outstanding work in transferring to industry a technology developed within their laboratory.

The Federal Laboratory Consortium—a national partnership of more than 700 major federal laboratories and centers, parent departments, and agencies—is a leading entity in maximizing collaborative research and the transfer of federal technologies to enhance the socioeconomic well-being of the nation in the global marketplace.

NETL is one of the Department of Energy's national laboratories. The laboratory manages and

implements a broad spectrum of energy and environmental programs. It employs approximately 1,100 federal employees and support-service contractors at sites in Pittsburgh, Pa., Morgantown, W.Va., Tulsa, Ok., Fairbanks, Alaska, and Albany, Ore.

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