

**U.S. Department of Energy  
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## ***NETL NEWS***

**FOR IMMEDIATE RELEASE**

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### **NETL Researchers Earn Prestigious Ceramic Industry Award for Published Work**

**Albany, Ore.**--Recognized for the valuable contribution of their published work to the ceramic industry, three National Energy Technology Laboratory (NETL) researchers, as part of a team that includes the URS Corporation and Carnegie Mellon University, earned the American Ceramic Society's prestigious 2012 "Richard and Patricia Spriggs Phase Equilibria Award."

The American Ceramic Society annually presents the award to the author or authors of a published work that makes a valuable contribution to the field of phase-stability relationships in ceramic-based systems. To select the awardee, the American Ceramic Society reviews published material from papers, articles, or reports published in a technical or trade journal; from a school, laboratory, technical bureau, or experimental station in a bulletin; or in a pamphlet or book form.

The NETL researchers are Jin Nakano (URS), Kyei-Sing Kwong, and James Bennett, who work at the laboratory's Albany, Ore., site. The other team members are Thomas Lam, a former Ph.D. student working at NETL; two Carnegie Mellon University (CMU) post-doctoral researchers, Laura Fernandez and Piyamane Komolwit; and CMU Professor Seetharaman Sridhar.

The American Ceramic Society recognized the team for its publication "Phase Equilibria in Synthetic Coal—Petcoke Slags ( $\text{Al}_2\text{O}_3\text{-CaO-FeO-SiO}_2\text{-V}_2\text{O}_3$ ) under Simulated Gasification Conditions." The publication appears in *Energy and Fuels* 2011, 25, 3298-3306.

The Society is a nonprofit organization dedicated to the ceramic community. It focuses on scientific research emerging technologies, and applications involving ceramic materials.

NETL is a U.S. Department of Energy national laboratory that produces technological solutions to America's energy challenges. For more than 100 years, the laboratory has focused on developing tools and processes to provide clean, reliable, and affordable energy to the American people. Three NETL

research sites—Albany, Ore., Morgantown, W.Va., and Pittsburgh, Pa.—conduct a broad range of energy and environmental research and development activities that support DOE’s mission to advance the national, economic, and energy security of the United States.

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