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NETL NEWS

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NETL Awards Fellowship to Local Student



Morgantown, WV —The National Energy Technology Laboratory (NETL) recently awarded a Mickey Leland Energy Fellowship Program (MELF) internship to Katherine (nee Hornbostel) Ong. Ms. Ong grew up in Atlanta, GA and is a senior mechanical engineering major at Georgia Institute of Technology.

Under the Hybrid Performance Project, Ms. Ong explored the reaction kinetics of internal reforming for a solid oxide fuel cell. Specifically, the project tested fuel stream kinetic models in order to determine whether methane fuel could cause freezing damage to the solid oxide fuel cells.

The U.S. Department of Energy, Office of Fossil Energy (FE) offers the MELF internships. The 10 week fellowship provides interns with a unique opportunity to gain hands-on experience on real energy-related projects. Qualified students are provided with an insider's view to the Federal government, with the aim of encouraging them to consider future employment with FE. By offering a combination of professional experience and economic incentive, the internships support FE efforts to strengthen and diversify the future workforce available to government institutions and their support contractors.

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.