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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 Emily Y. Li. Ms. Li grew up in Wexford, PA and is a sophomore majoring in biochemistry at University of Maryland.

In support of Smart Grid Implementation, Ms. Li explored silicon/graphene anodes for lithium-ion batteries. The project measured changes in the cycling stability of a lithium-ion battery when graphene is used in the anode. The graphene anode was also pre-lithiated and other materials such as silicon and nickel were tested in the graphene anode.

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.