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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 Loraine Torres Castro. Ms. Torres Castro grew up in Adjuntas, Puerto Rico and is a chemical physics doctorate student at University of Puerto Rico – Rio Piedras.

Ms. Torres Castro explored the structural analysis of lithium manganese oxides as cathodes for lithium-ion batteries. Specifically, un-doped lithium manganese oxide was characterized and cycling data presented. Aluminum and chromium doping was created and the structural behavior analyzed. Structural characteristics in relation to doping and acid leaching were been investigated.

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.