



Engineering Doctoral Students Awarded National Lab Internships

Francesca Moloney and **William Serrano-Garcia**, two doctoral students in the College of Engineering, have received national lab internships for summer 2016.

Moloney, a doctoral student in the Department of Mechanical Engineering, was awarded a Mickey Leland Energy Fellowship (MLEF). She will be working on the Hyper project (Fuel cell gas turbine hybrid power system) at the National Energy Technology Laboratory (NETL) in Morgantown, West Virginia. The goal of the MLEF program is to provide students with hands-on research experiences aligned with the mission of the U.S. Department of Energy's (DOE) Office of Fossil Energy while strengthening a diverse pipeline of future STEM professionals. For her dissertation research, Moloney is advised by Yogi Goswami, distinguished university professor in the Department of Chemical and Biomedical Engineering and co-director of the Clean Energy Research Center (CERC).

Serrano-Garcia, a first-year doctoral student in the Department of Electrical Engineering, has been selected to participate in the Space Scholars Program at New Mexico's Air Force Research Laboratory. This program enables doctoral students to collaborate with AFRL and incorporate the research into their dissertation work. Serrano-Garcia will be supporting the research project "Advanced Nano-Devices for Space Applications" during the summer. In the Advanced Materials Bio & Integration Research (AMBIR) laboratory, he is advised by Sylvia W. Thomas, associate professor in the Department of Electrical Engineering. They are studying the novel use of organic semiconductor polymers for nanodevices. Serrano-Garcia earned his undergraduate degree in Physics and Electronics at the University of Puerto Rico-Humacao.

Both Moloney and Serrano-Garcia are participants in the National Science Foundation's Florida Georgia Louis Stokes Alliance for Minority Participation (FGLSAMP) Bridge to the Doctorate activity. A goal of the FGLSAMP BD is to help prepare a diverse, globally-engaged scientific and engineering workforce through state-of-the-art research-training and professional development activities.

[Florida Georgia Louis Alliance for Minority Participation](#)

Mickey Leland Energy Fellowship Program

Air Force Research Laboratory Scholars Program