

Two USF Student Teams Win in FWEA Design Competition

TAMPA, Fla. (April 19, 2012) – The USF College of Engineering Environmental/Water Resources Capstone Design teams won in two categories at the Florida Water Environment Association (FWEA) design competition held on April 22 at the USF Tampa campus. Seven teams competed from engineering schools all over Florida.



Environmental team members: **Gabriele Dionne (PM)**, **Danielle Bertini**, **Emily Patrick**, **Micah Blate** and **Lyudmila Haralampieva** won in the environmental design category. They presented a design to alleviate flooding and improve water quality at Regan Park in East Tampa. The clients for this project are Ben Koplín of the City of Tampa stormwater division, and Joe Green of the department of parks and recreation. Tom Lynn and Chris Haney helped to mentor their team.

Robert Gaylord (PM), **Matthew Munz**, **Justin Terry**, **Yasmin Eskandari** and **Esteban Zajia Viera** won in the wastewater category. They presented a design to recover biogas from sludge to offset the operational costs of thermal dryers at Hillsborough County's biosolids management facility (BMF). The client for this project is Tom Rawls of the Hillsborough County Public Utilities department. Juan Oauendo helped to mentor their team.



Both USF winning teams will represent Florida at the national competition at WEFTEC in New Orleans this October.

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The University of South Florida is a high-impact, global research university dedicated to student success. USF is classified by the Carnegie Foundation for the Advancement of Teaching in the top tier of research universities, a

distinction attained by only 2.2 percent of all universities. The Carnegie Foundation also classifies USF as a community engaged university. It is ranked 44th in total research expenditures and 34th in federal research expenditures for public universities by the National Science Foundation. The USF System has an annual budget of \$1.5 billion, an annual economic impact of \$3.7 billion, and serves 47,000 students in Tampa, St. Petersburg, Sarasota-Manatee and Lakeland.

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