College of Engineering News

April 26, 2018

Georgia Southern University

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GS Engineering Design Challenge 2018
April 26, 2018

On Saturday, April 28, Georgia Southern will host the 2018 Engineering Design Challenge to showcase the ingenuity and creativity of eight high school students teams — five from Chatham County and three from Bulloch County. The teams will design and build battery-powered, self-propelled go-karts.

The final competition will include a 15-meter sprint-to-stop race, a timed maneuvering course, a tug-of-war race and a design poster presentation with an engineering journal evaluation. Engineers from local companies will evaluate and select the winning design. The winning team will receive a cash prize. For more information, please visit http://engineering.armstrong.edu/edc/.

WHEN:
Saturday, April 28, 2018
Competition begins at 1 p.m.
*1:15 p.m. Student poster presentations and maneuvering race
*2:00 p.m. Incline/Sprint to stop races

WHERE:
Georgia Southern University – Armstrong Campus
Pirate Athletic Center, Building #20

Campus Map (click image for larger version): https://www.armstrong.edu/about/campus-map

Aniruddha Mitra Receives Best Presentation Award
April 26, 2018

Aniruddha Mitra, professor of Mechanical Engineering, received the Best Presentation Award at the 20th ICOHS (International Conference on Occupational Health & Safety) held in Miami, FL March 12-13, 2018. The paper Dr. Mitra presented, and for which he is first author, is “Nanoparticle Exposure Levels in Indoor and Outdoor Demolition Sites.”

Dr. Mitra also served as Session Chair for oral and technical presentation, recognition and appreciation of research contributions to ICOHS 2018.

Cameron Coates Receives USAF Summer Research Fellowship
April 26, 2018

Cameron Coates, professor of Mechanical Engineering, will conduct research for ten weeks this summer at Wright Patterson Air Force Base in Dayton, OH.

This program is sponsored by the Air Force Office of Scientific Research (AFOSR). The objectives of the U.S. Air Force Research Lab Summer Faculty Fellowship Program are as follows:

1. To stimulate professional relationships among U.S. Air Force Research Lab Summer Faculty Fellowship Program participants and the scientists and engineers at Air Force research facilities

2. To enhance the research interests and capabilities of faculty (both new and experienced researchers) in the U.S. academic community

3. To elevate the awareness in the U.S. academic community of Air Force research needs and foster continued research at U.S. Air Force Research Lab Summer Faculty Fellowship Program fellows' institutions

4. To provide the U.S. Air Force Research Lab Summer Faculty Fellowship Program participant opportunities to perform high-quality and meaningful research at Air Force Research Laboratory (AFRL) Directorates, Air
Force Test Center, the United States Air Force Academy, or the Air Force Institute of Technology

5. To provide nationally accredited mentoring of academic researchers at technical directorates of the AFRL, Air Force Test Center, the United States Air Force Academy, and the Air Force Institute of Technology.