

Mechanical Engineering and Engineering Science Overview

Scott Smith
Chair



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Personnel Changes

New faces



David George



Chris Evans



Nenad Sarunac



Katherine Weaver



Tony Schmitz



John Ziegert



Alireza Tabarraei



Gert Goch



Kile Stinson



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Personnel Changes

Au revoir, friends



Robin Coger



Yogi Hari



Larry Sharpe



Winter Turner



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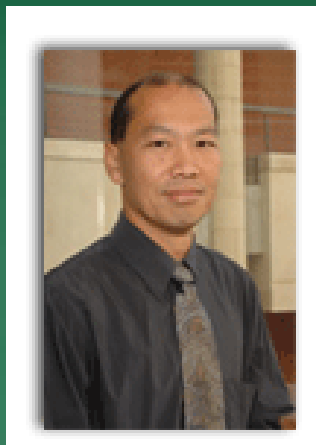
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Personnel Changes

New Department Jobs



Ed Morse
Associate Chair for
Graduate Programs



Charles Lee
Director of CBES



Mesbah Uddin
Director of NCMARC



Kevin Lawton
Associate Chair for
Undergraduate Programs



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Personnel Changes

On Leave



Jim Cuttino



Horacio Estrada



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Facilities

Motorsports Research



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New Facilities

Motorsports Research

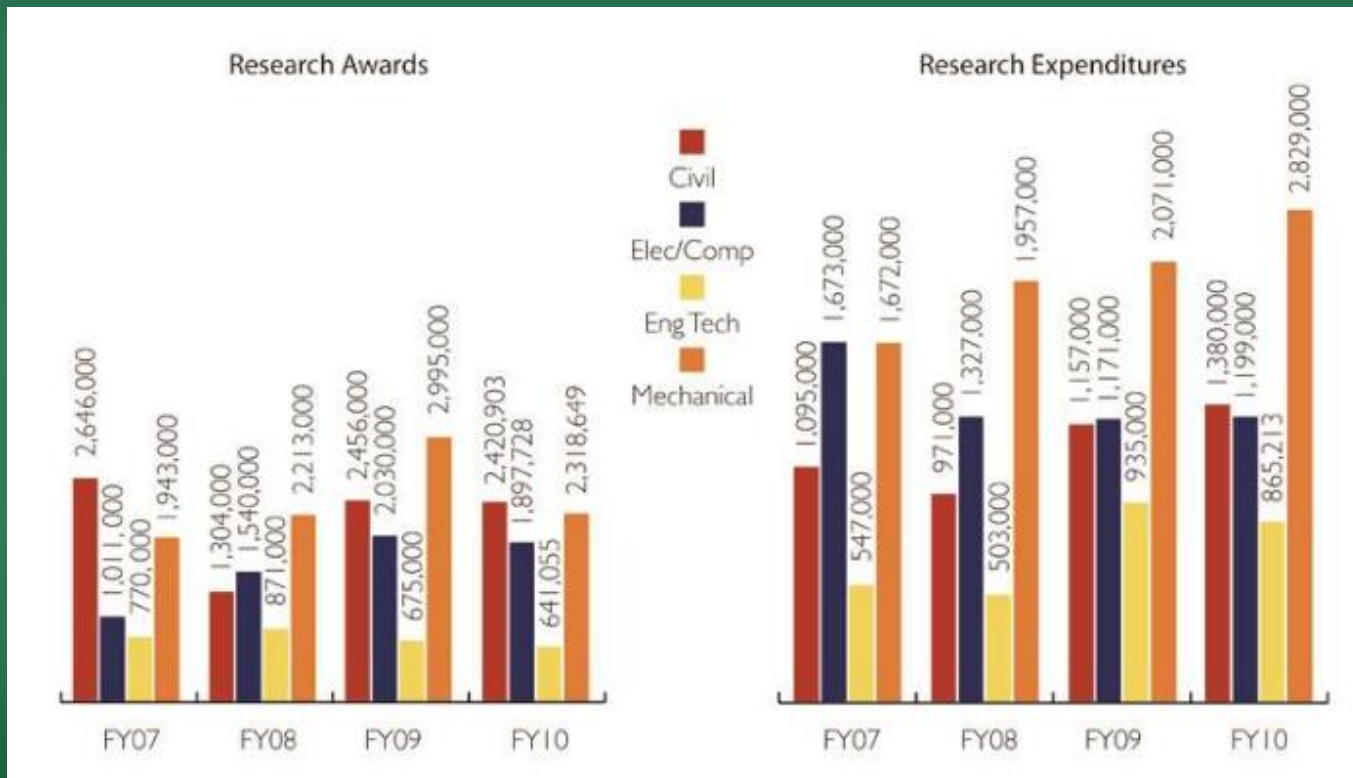


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Research

- ME accounted for about 34% of the research awards in the college FY 7-10
- ME accounted for about 40% of the research expenditures in FY 7-10
- Proposal activity has significantly increased in the last year



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Recent Highlights

- ME has 4 of the 14 US CIRP Fellows (and 170 world-wide) - This is the highest concentration anywhere in the world. Goch is a German CIRP Fellow.
- Dr. Coger received the 2010 Harshini V. de Silva Graduate Mentor Award
- Dr. Cherukuri received the 2011 Harshini de Silva Award
- Dr. Cherukuri received a Fullbright Award for 2011
- Dr. Coger was elected to the College of Fellows of the American Institute for Medical and Biological Engineering
- Dr. Smith and team received an R&D 100 Award
- Dr.s Smith, Hocken, and Miller received the ASME Blackall Award
- Dr. Evans Received the 2010 Lifetime Achievement Award from the American Society Precision Engineering
- Dr. El-Ghannam was selected to serve on the ASTM Task Force Committee for the Bone graft material
- The ASME Student Design Team won the regional Competition at NC State



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ASME Student Design Team





Recent Highlights

- The department hosted the 2011 ASPE Spring Topical Meeting (our 2nd in 3 years)
- Dr. Davies was a Finalist for the Bank of America Award for Teaching Excellence
- Dr. Lawton received the College of Engineering Undergraduate Award for Teaching Excellence
- The SAE Mini-Baja team received the Git-R-Done Award
- Dr. Smith was named an Outstanding Alumnus from University of Florida
- Dr. Tkacik served as the Chair of the SAE Systems Engineering - Academia Committee
- The student section of ASME hosted the Student Professional Development Conference (SPDC)
- Dr. Ziegert was selected to Chair the Editorial Committee of the North American Manufacturing Research Institute (NAMRI) of the Society of Manufacturing Engineers
- A new Magneto-Rheological Finishing machine was installed in our Optics Processing Laboratory



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