Tour our interdisciplinary research laboratories to learn how USF engineers are pushing the technology envelope.

How? Sign up for a group tour by visiting the registration table on May 31st.

When? Tours will be led by engineering graduate students and faculty, and will begin at 4:30 pm.

Where? Follow the signs to the College until you reach us in Engineering Building II, ENB Hall of Flags.

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**Center for Rehabilitation Engineering and Technology**

*Presented by Redwan Alqasemi, Ph.D.*

**Research Park 114 then Kopp 19A**

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<tr>
<td>4:30 pm</td>
<td>Group 1</td>
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<tr>
<td>5:15 pm</td>
<td>Group 2</td>
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<td>6:00 pm</td>
<td>Group 3</td>
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The Center for Rehabilitation Engineering and Technology (CRET) is a unique interdisciplinary approach, which incorporates service delivery, research and academic programs in order to provide quality technology interventions for individuals with disabilities. Fundamental to the Center’s mission is to develop integrated rehabilitation robotic systems that will increase employment of individuals with disabilities. The labs associated with this Center include mobility systems, workstation and wheelchair-mounted rehabilitation robotics, vehicle modification systems, motion analysis lab and capstone design systems.

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**Center for Robot Assisted Search and Rescue Research Lab & Field Test Site**

*Presented by Jeff Craighead, Ph.D. Candidate*

**ENB 221**

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<td>6:00 pm</td>
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The Center for Robot-Assisted Search and Rescue (CRASAR) is a Type II Center at the University of South Florida, with Dr. Robin Murphy as the overall Director. It serves as crisis response and research organization which strives to direct and exploit new technology development in robotics and unmanned systems for humanitarian purposes worldwide. It was originally established under the auspices of NIUSR (National Institute for Urban Search and Rescue), and participated in the WTC response, deploying robots on Towers 1 and 2, Building 4, and other areas from the early morning of 9/12/2001 through 10/2/2001. The Center’s mission is to serve existing rescue organizations by providing deployable robot-assisted search and rescue teams on order, certifying and training SAR personnel on operationally relevant robot systems, evaluating emerging robot technologies, and fostering research into SAR-specific robot systems.

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**NanoMaterials and NanoManufacturing Research Center**

*Presented by Robert Tufts, Director*

**Nanotech 1**

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<tr>
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The NNRC is a university-wide user fabrication and metrology center providing state-of-the-art equipment, professional support personnel and infrastructure to enable multidisciplinary research in nanomaterials and nanomanufacturing methods related to fundamental materials science, sensors, actuators, electronics, bio-systems, medical products, optics and integrated nanoscale systems. The Nanotech I facility supports research projects of faculty, graduates students, undergraduates, and industrial researchers.
RESOURCES FOR STUDENTS*

**Engineering: A Smart Start**
- Free program provided new freshmen a review of math and chemistry to help prepare for first semester at USF.
- Tentatively scheduled the week of August 21st. Contact Kate Johnson at kjohnson@eng.usf.edu.

**Engineering Listserv**
- Visit http://org.eng.usf.edu/ECC/eclinks.html to subscribe to receive notices from fellow students & faculty to find out about upcoming events, registration, scholarships, internships, & student activities.

**Engineering Study Center**
- Free, walk-in assistance in engineering, math, physics & chemistry from Graduate & peer tutors available from 10am-5pm.
- Visit http://www.eng.usf.edu/rm/tutoring_schedule.htm

**Multicultural Engineering Program (MEP)**
- Student organizations encourage academic excellence, personal growth, & professional development. Contact ecfeman@eng.usf.edu

**Engineering Shadowing and College of Engineering Tours**
- Spend time visiting engineering classes, meet with our students and tour our COE labs. Contact Eva Fernandez at ecfeman@eng.usf.edu.

**Engineering Expo**
- Opportunities to network within the college, community, local industries, and k-12 schools, to learn about engineering education, research and careers. Contact Henry Jeanty at Jeanty@cse.eng.usf.edu

**Engineering Scholarships**
- Apply for all available scholarships in the College of Engineering at one time with a comprehensive application. Visit http://www.eng.usf.edu/rn/scholarship.htm or contact Kate Johnson at kjohnson@eng.usf.edu.

**Research Experience for Undergraduates (REU)**
- COE offers undergraduate Research Fellowships to work with faculty mentors and graduate students on interdisciplinary research projects. Contact Sylvia Thomas at sylvia@eng.usf.edu

**USF Counseling Center**
- Free private & confidential counseling to USF students. Visit www.usf.edu/counsel, or call (813) 974-2831

**USF Career Center**
- Helps students plan, implement career goals, job search, provides information on employment opportunities, career fairs, co-ops, and internships. Visit www.career.usf.edu, or call (813) 974-2171.

**USF Financial Aid**

*ENGINEERING STUDENT SOCIETIES*

- Alpha Pi Mu, Industrial Engineering Honor Society
- American Institute of Aeronautics and Astronautics
- American Institute of Chemical Engineers
- American Society of Civil Engineers
- American Society of Heating, Refrigerating and Air-conditioning Engineers
- American Society of Mechanical Engineers
- Association for Computing Machinery
- Biomedical Engineering Society
- Chi Epsilon, Civil Engineering Honor Society
- Engineering College Council
- Engineering Senators
- Eta Kappa Nu, Electrical Engineering Honor Society
- Engineering EXPO
- Florida Georgia Louis Stokes Alliance For Minority Participation
- Florida Engineering Society
- IEEE Computer Society
- IEEE Electrical Engineering Society
- Institute of Industrial Engineers
- Institute of Transportation Engineers
- National Society of Black Engineers
- Omega Chi Epsilon, Chemical Engineering Honor Society
- Pi Tau Sigma, Mechanical Engineering Honor Society
- Tau Beta Pi, The Engineering Honor Society
- Theta Tau
- Upsilon Pi Epsilon, Computer Science Honor Society

To find out more about student societies and organizations, please use the following link:
http://www2.eng.usf.edu/CurrentStudents/organizations.htm

FCRAR 2007
The Florida Conference on Recent Advances in Robotics & Robot Showcase
Laboratory Tours

May 31 - June 1, 2007