**Judges' Registration for Senior Design is available now!** March Madness isn't all about basketball; SCU engineering students are madly at work finishing up their capstone projects and that means it is time for you to sign up online now to judge the 42nd Annual Senior Design Conference. More details in the Dean's message below.

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**A Message from Dean Godfrey Mungal:** With the Senior Design Conference coming up on May 10, we welcome the opportunity to invite our alumni back to campus to witness the future of engineering as more than 60 teams of seniors present their year-long work on projects ranging from reverse protein engineering to the design of multiple systems for a Formula Hybrid vehicle. The Alumni Association and I invite you to be a part of this great day in the life of the School of Engineering. Read more here.

**A Centennial Moment:** Tradition Shattered!, screamed the headline of the student newspaper on March 22, 1961, as Santa Clara University became the first Catholic institution of higher learning in California to admit women into its undergraduate programs. It took a bit longer for females to join the engineering program, but in 1964, Nancy Streuter (now Nancy Streuter Austin) enrolled in civil engineering and four years later became the first woman to graduate with a bachelor’s degree from the School of Engineering (that same year, Inez Arend was the first woman to receive a graduate degree, MSEE, from the School of Engineering). In 1969, three more women—one electrical and two mechanical engineers—followed suit. (Read Lee Hornberger's remembrance here.) In 1986, Ruth Davis, now Associate Dean for Undergraduate Studies as well as professor of computer engineering, became the first tenured woman in the School of Engineering, and in 1992, Samiha Mourad, professor of electrical engineering, was named Associate Dean for Graduate Services, becoming the first woman to join the administrative ranks in the School. Today, women make up 26% of the undergraduate engineering student population at SCU and 30% of the full-time faculty. In fact, according to the latest figures from the American Society for Engineering Education (ASEE), SCU Engineering is first in the nation for percentage of women tenured or tenure-track, and has been for several years. As the University celebrates Fifty Years of Women at Santa Clara, so do we celebrate the women of engineering at SCU! Visit our Centennial website for more stories: www.scu.edu/engineering/100.

**Remembering Brian Drocco ’08.** We are sorry to report that Brian Drocco died February 24 as the result of a car accident. One of the hardest-working members of the 2007 SCU Solar Decathlon team, Brian was loved and respected for his "can-do attitude and easy-going spirit." Brian was laid to rest March 3 in the company of family and friends, including a large contingent of SCU alumni, faculty, staff, administrators, and members of the Jesuit community. He will be missed.

**SCU President Michael Engh, S.J.,** moderated an outstanding panel discussion on The Next 100 Years of Santa Clara Engineering during National Engineers Week last month. Panelists Ahmed Amer (computer engineering), Mark Aschheim (civil engineering), Prashanth Asuri (bioengineering), Chris Kitts (mechanical engineering) and Sarah Kate Wilson (electrical
engineering) gave an informative look at their own research and the future of engineering in their fields. View the session here.

John Burdick '65 presented a fascinating and informative talk on Santa Clara’s John J. Montgomery—Pioneer in Aeronautics, Astronomy, Electricity and Wireless, Feb. 21 as part of our Centennial celebration. Montgomery, a Santa Clara alumnus and professor, was first in controlled flight, 20 years before the Wright brothers. Watch the presentation here.

Pedram Keyani '00 (computer engineering), engineering manager at Facebook and veteran of internships and full-time employment at Sun, Google, and others, gives tips on navigating the transition from SCU to Silicon Valley tech companies. Read his great advice in this article in TechCrunch. http://techcrunch.com/2012/02/18/from-college-to-silicon-valley/

John Giddings '91 was the first speaker in the School of Engineering’s new "Lunch with an Entrepreneur" series last month. A venture capitalist and adjunct professor in the Department of Engineering Management and Leadership, John shared his experiences as an entrepreneur and tips for developing ideas with a group of undergraduate and graduate students. John will be teaching EMGT 373 Technology Entrepreneurship in the spring quarter. This program is supported through a generous grant from the Kern Entrepreneurship Education Network (KEEN).

Mark your calendar for these events coming up in April:

Frugal Innovation Panel
Monday, April 16, 2012
3 - 4 p.m.
Location TBD.

Engineering Laboratories Open House
Monday, April 16, 2012
4 - 5 p.m.
Check out our facilities: Bioengineering Laboratories, Center for Nanostructures, Frugal Innovation Lab, and the new Maker Lab will all be open to the public. Come and see how engineering happens today.

President's Speaker Series
Monday, April 16, 2012
7:30 p.m.
Mayer Theatre
Information and tickets available here.
James McLurkin, Assistant Professor at Rice University, is one of the brightest minds in the field of robotics and artificial intelligence. Come and hear how he envisions swarms of robots working together in exciting new ways.

Centennial Awards and Grand Opening of "Engineering Secrets Revealed: A Centennial Exhibit"
Thursday, April 26, 2012
5 - 6:30 p.m.
St. Clare Room, Library and Learning Commons
More information coming next month!