UDPA'S UPDATE

Message from Dean Satish Udpa

As one calendar year comes to a close and another begins, I’d like to take a moment to reflect on some of the college’s recent highlights. One of the highlights of every fall and spring semester is Design Day, now coming up on its 19th year. The most recent Design Day, held December 7 at the MSU Union Building, certainly upheld all expectations. Read more

NEWS FROM THE COLLEGE

CEE Department Appoints New Chairperson

Neeraj Buch was selected to serve as chairperson of the Department of Civil and Environmental Engineering effective August 1, 2012. Buch, who joined MSU in January 1996 after receiving his PhD from Texas A&M University, served as acting chairperson for the department from July 2011 to July 2012, and previously served as director of the college's freshman engineering and residential programs—now known as the CoRe (Cornerstone and Residential) Experience. Read more

MSU to Lead Global Center for Food Systems Innovation

MSU will use a grant from the U.S. Agency for International Development (USAID) to

HAPPENINGS

Russ Tindall (left), an MSU mechanical engineering student who graduated in December, is shown here working with Roy Bailiff, mechanical engineering technician, on a steam engine that Tindall built. Tindall demonstrated the project during the College of Engineering Design Day on December 7, 2012. Read more

Photo by Harley J. Seeley
improve agricultural production and reduce poverty in areas of the world suffering from rapid urbanization, population growth, and skills gaps. MSU's new Global Center for Food Systems Innovation (GCFSI), which will receive up to $25 million throughout five years, is part of USAID's Higher Education Solutions Network (HESN)—a partnership with seven American and foreign universities designed to address global development challenges. Ajit Srivastava, chairperson of MSU’s Department of Biosystems and Agricultural Engineering, is the center’s co-director. Read more

Bosch Partnership Promotes Innovation, Creative Thinking

Robert Bosch LLC is partnering with MSU’s College of Engineering in support of the college’s first-year program—the CoRe (Cornerstone and Residential) Experience. Bosch will be involved with the activities of the CoRe Experience, a program designed to engage engineering students early in their academic careers in experiential learning opportunities. Bosch joins Consumers Energy/Consumers Energy Foundation and GE Transportation as a CoRe Theme Partner. Read more

MSU Women Recognized at Grace Hopper Celebration of Women in Computing

The largest and most diverse convening of technical women in the world—the 2012 Grace Hopper Celebration of Women in Computing (GHC 2012)—took place in October at the Baltimore Convention Center. Laura Dillon, MSU professor of computer science and engineering, was recognized at the welcome ceremony for her roles as a conference co-chair and a member of the conference’s academic advisory board. MSU junior and current president of MSU Women in Computing (WIC), Mairin Chesney, took first place in the GHC 2012 Undergraduate Student Research Competition. Read more

U.S. Senator Carl Levin Visits MSU Researchers Involved with Great Lakes Restoration Initiative

U.S. Senator Carl Levin met in October with key MSU researchers who are working on several...
Environmental Protection Agency (EPA) grants supporting the Great Lakes Restoration Initiative (GLRI)—the largest investment in the Great Lakes in two decades. In 2012, MSU received EPA funding for four projects under the GLRI, including one led by Syed Hashsham, professor of civil and environmental engineering. Read more

**MSU Offers New Master’s Degree in Business Analytics**

MSU has launched a new master of science degree program in business analytics to meet the growing need for professionals who can analyze large data sets to guide business decisions. MSU’s Broad College of Business is partnering with the College of Engineering and the College of Natural Science to offer the new 30-credit program, which began spring semester 2013. Read more

**STUDENT NEWS & ACCOMPLISHMENTS**

**Solar Car Team Competes for First Time in Cross-Country Challenge**

For the first time in university history, an MSU team competed in the American Solar Challenge (ASC) cross-country race. The ASC, which is held biennially, is a competition in which collegiate teams design, build, and race solar-powered cars in a cross-country event. The Formula Sun Grand Prix (FSGP), held annually, is a three-day track racing event and qualifier for the ASC. The MSU team plans to compete in the 2013 Formula Sun Grand Prix and the 2014 American Solar Challenge. Read more

**Undergraduate Research Forum Showcases Students’ Work**

Approximately 230 undergraduate researchers and visiting students presented their research projects during MSU’s second annual Summer Undergraduate Research Forum in July. The event, which was held in the Engineering Building, provides an...
International Tour Gives Students Inside Look at Corporations and Careers

Five engineering students were among 10 students who participated in a new MSU program—the International Corporate Tour (ICT). The intensive two-week tour, held in May 2012, gave students a firsthand look at international corporations and the global marketplace. Stops on the International Corporate Tour included BP (Sunbury, UK), Alcoa (Birmingham, UK), Whirlpool (Como, Italy), Alpine Convention (Bolzano-Bozen, Italy), Bosch Corporation (Stuttgart, Germany), Eaton Corporation (Rastatt, Germany), and Rampa (Hamburg, Germany). The ICT was coordinated and led by the Center for Spartan Engineering and the Lear Career Center. Read more

Engineering Graduate Research Symposium Draws 250 Students

More than 250 graduate students presented their research during the 2012 Engineering Graduate Research Symposium on November 9, 2012, at MSU’s Breslin Center. The symposium is an opportunity for faculty, students, alumni, and industry professionals to explore connections between research and practice. Read more

ALUMNI & DEVELOPMENT NEWS

Two Alumni Receive MSUAA Grand Awards

Two engineering alumni were among those selected by the MSU Alumni Association Awards Committee to receive 2012 alumni awards. William A. Demmer (BS mechanical engineering ’70) received a Distinguished Alumni Award; he is president and CEO of the Demmer Corporation, a manufacturing corporation based in Lansing, Michigan. Henry Balanon (BS computer science ’06) received a Distinguished Young Alumni Award; he is the co-founder and director of mobile at Detroit Labs, which develops iPhone and iPad apps. The awards were presented during the Grand Awards Gala on October 11, 2012, at
MSU’s Kellogg Hotel and Conference Center. View complete list of awardees.

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