Dear Friends of the College:

A few days ago we held another graduation ceremony on campus. As former students, you have fond memories of the day that you finally were able to say "it's over; I did it." As with all of us, graduation is met with a combination of excitement, relief, and a little trepidation about what awaits us in the real world.

Whether they are headed to jobs, graduate school, or other adventures, these newly minted engineers are equipped with the tools to succeed. That was evident at the recent Capstone Design Expo, which wraps up key components of the undergraduate curriculum and gives students a chance to apply their knowledge to a product.

More than 900 students comprising almost 200 teams were part of the competition. In touring around the Expo, I was struck by the fact that the future of engineering was in that room. There were projects that could save the lives of soldiers on the battlefield, an automated control system for your outdoor grill, an electric vehicle that recharges its batteries with the energy from braking, and even a redesigned (with the patient in mind) dental drill.

What these students learned in Capstone is really the new toolkit for engineers — innovation, creativity, teamwork, prototyping, market research, manufacturing, and more. A number of the students are actively trying to take their products to market. Some will succeed and some will fail. However, this is the place to try and fail, and try again.

They have received knowledge that will not be forgotten after graduation. We have done our job to prepare them and they will make us proud as they leave Tech.

Sincerely,

Gary S. May, Dean

Capstone Design Culminates Senior Year

Spring 2014 Capstone Winners Offer Better Treatment for Fractured Femurs

Georgia Tech’s Capstone Design Expo showcases projects from the undergraduate senior design courses in which students work together to design products or tackle real-world problems. At the Spring 2014 Capstone Design Expo, more than 900 students and 170 teams from eight schools and three colleges presented their projects. Check out the winning projects and more.

Tech Ranks Second Among Public Engineering Graduate Programs

For the third consecutive year, all of Georgia Tech’s engineering graduate programs ranked in the top ten in the nation in their respective specialties, powering the College of Engineering to a second-place ranking among public engineering institutions (sixth overall) in the latest U.S. News & World Report graduate rankings of national universities granting doctoral degrees.

MOOC 2.0 – Bring Robots to the World

Using low-cost, open-source hardware, ECE’s Magnus Egerstedt and his graduate students gave MOOC participants the chance to bring their own robots to life. Well over a thousand students built robots this semester and Egerstedt is excited to see what they do next.

When Engineering is the Best Medicine

BME’s Ajit Yoganathan is going from bench to bedside developing real-world applications in the cardiovascular field. Even with the heart’s miniature size, Yoganathan is finding ways to help surgeons help (and heal) their patients.

MORE NEWS...

The 20 Public Colleges With the Smartest Students

According to data put together “by Niche,” public colleges have their fair share of great students without having to break the bank to pay for a quality education.

Team-inspired wins at the 2014 InVenture Prize

An inexpensive, mobile solution to help nearly 2.6 billion people worldwide who don’t have access to hygienic bathrooms won the 2014 InVenture Prize at Georgia Tech on March 26.

Measuring the Impact of Engineering Education

Dean May discusses the importance of highlighting engineering education and how colleges can succeed in retaining and graduating STEM students.

ME Wraps Up 125th Anniversary Celebration

Take a mini tour of the Woodruff School of Mechanical Engineering with Nick Selby, the ME sophomore famous for his convocation speech.

ABOUT

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