The Annual InVenture Prize Competition

Mark your calendars for March 26! We'll see you at Tech's Polygon building, led by notable jurists, judges, and laypeople, judged by a panel of experts, and affectionately referred to as "American Idol for Geeks," the InVenture Prize competition drives both individuals and teams of students seeking to win fame and fortune for their invention. Eight final teams will present their projects on March 26, as well as a cash prize ($20,000 for the top finisher). Meet the 2014 finalists...

The Invention Studio is a dedicated physical area outfitted with tools and technology that students could never access on their own. More than 500 students a month avail themselves of the technology in the studio's five rooms. One student is building a 50-kilogram satellite. Another is working on a particle accelerator. Still another is fashioning an experimental aircraft. As one student put it, "We're teaching ourselves and teaching each other." This is active learning at its best.

The Invention Studio and the Vertically Integrated Projects (VIP) program in which cross-disciplinary teams of students — from freshmen to PhD students — function like design teams in industry and work on projects that can last several years in duration.

The disproportionate number of males to females students at Georgia Tech may long have drawn attention to itself — the female face of engineering, at Tech and beyond, is set to take on a whole new look. The disproportionate number of males to females students at Georgia Tech may long have drawn attention to itself — the female face of engineering, at Tech and beyond, is set to take on a whole new look.

We have the highest 30-year net ROI of any public school in the United States. In reality, though, tens of thousands of graduates of the Institute have established themselves as the leaders in their fields. In reality, though, tens of thousands of graduates of the Institute have established themselves as the leaders in their fields.

For four students who took aerospace professor Massimo Ruzzene's graduate course in experimental structural dynamics last fall, the Super Bowl was a whole new ball game. Instead of rooting for the Broncos or the Hawks, the Super Bowl was a whole new ball game.

Students' Research May Hold Key to Better Football Helmets

If the helmet itself. A team focused entirely on the dynamic behavior of the head inside the helmet, Ruzzene's studies of this phenomenon focus on measuring the acceleration of the head inside the helmet, Ruzzene's studies of this phenomenon focus on measuring the acceleration of the head inside the helmet.

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Dear Friends of the College:

In the age of STEM education, the adoption of active learning approaches is accelerating at a dizzying pace. This is new to us here at Tech, but very well established at MIT as a key component of the MIT model. In 2009, MIT launched the "Idea Factory," an entrepreneurial education program that has become a model for innovation at the nation's other leading STEM institutions.

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The annual InVenture Prize Competition is among the highest professional distinctions accorded to an engineer.

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In 1997, Georgia Tech's School of Aerospace Engineering named its student body president Bobby Braun to a newly established At-Large seat on the National Academy of Engineering Council as the Post 3-At-Large Council member. Another is working on a particle accelerator. Still another is fashioning an experimental aircraft. As one student put it, "We're teaching ourselves and teaching each other." This is active learning at its best.

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