



STEVENS
INSTITUTE of TECHNOLOGY
THE INNOVATION UNIVERSITY®

Dear Friends,

I am pleased to share with you some highlights of Summer 2014 at Stevens Institute of Technology:

On July 11, Stevens Institute of Technology hosted 400 participants at the [Small Business Tech and Social Innovation Forum](#) sponsored by **U.S. Senator Cory Booker** and the Internet Association. Emphasizing the [importance of entrepreneurship](#) to the nation's economy and the contribution of technology and social media in small business success, the forum featured a talk by Sen. Booker, a panel discussion featuring leadership from **Facebook, Google, Yelp** and others, and a vibrant networking forum.

More than **800 middle and high school students attended one of a dozen summer programs** at Stevens. Two-week, residential camps drew high school students from New Jersey and many other states for programs in: *Innovation & Entrepreneurship, Engineering Game Design, Computer Science, Multimedia Production, Exploring Career Options in Engineering and Science, Business, Science, Technology & Society, and Pre-Med*. Corporate sponsorship from the PSEG Foundation and Lockheed Martin enabled [one-week day camps for middle school youth](#) from Hoboken and throughout New Jersey featuring WaterBotics, an underwater robotics summer camp curriculum.

In addition to being beach season, summer is also hurricane season. Stevens researchers continue to develop **innovative technologies to mitigate the devastating impacts of these deadly storms**. Dr. Alan Blumberg, Director of the Center for Maritime Systems was featured [on Fox 5 News](#) discussing a patented technology, the [Hurricane Slayer](#), currently in prototype. This device is designed to reduce the energy that fuels hurricanes by cooling surface ocean water. Research on this concept has shown that a storm can be reduced from a Category 5 to a 2.

While many college students are enjoying a break during the summer months, a team of **young inventors at Stevens is preparing for the launch of a newly-formed company**, an outcome of a required freshman entrepreneurship course at Stevens. More than 520 students participated in the course last spring; 126 teams developed a Kickstarter video, and 29 were accepted by Kickstarter. One—Modu-Strip—reached \$10,000 in crowd sourced funding. The [Modu-Strip founders are](#)

[working on launching their business](#) and expect to have their product—a new type of electrical power strip—in stores by the end of the year.

Stevens faculty are using their summer months to **advance research that benefits society**, from communications innovations to monitor and reduce driver distraction on mobile devices to using smartphone sensors to improve monitoring of patients' vital signs, to using massive data sets to improve recovery in stroke patients, to “intelligent logistics” for increasing urban preparedness in emergencies, to using social networking data to better predict earnings surprises and other asset price moves.

I welcome the opportunity to host you on our campus for a tour and discussion about how Stevens can play an even more significant role in our state and nationally. Please be in touch with me at president@stevens.edu to schedule a visit to Stevens, the Innovation University®.

Sincerely yours,

Nariman Farvardin
President