March 14, 2016

Dear members of the Hajim School community:

Here's a great example of how Hajim School research can help make the world "ever better." Remember the nEmesis app that Henry Kautz, the Robin and Tim Wentworth Director of the Goergen Institute for Data Science and Professor of Computer Science, developed with former graduate student Adam Sadilek? The app tracks Twitter messages to identify restaurants that might be sources of foodborne illnesses. When nEmesis was put to the test during a recent experiment with the Las Vegas health department, the tweet-based system led to citations for health violations in 15 percent of inspections, compared to 9 percent using the normal random system of inspections. The researchers estimate that this led to 9,000 fewer food poisoning incidents and 557 fewer hospitalizations in Las Vegas during the course of the study. You can read more in Aaron Dubow's article for the National Science Foundation.

Congratulations to several of our Hajim School student-athletes who have been named recently to Liberty League and/or University Athletic Association All-Academic Teams. This is a testament to their remarkable ability to handle both the rigorous demands of an engineering curriculum and excel on the playing field. They are:

Women's Swimming and Diving: Katherine Konopka '17 of Biomedical Engineering, Anna Mucci '17 of Mechanical Engineering, Danielle Neu '17 of Chemical Engineering, and Anna Kopp '18 of Chemical Engineering. Danielle, it is worth noting, became the first female diver at our University to capture a University Athletic Association title by winning the 3 meter board competition at the UAA Championships.

Men's Swimming and Diving: Arlen Fan '18 of Electrical and Computer Engineering, Alin Kenworthy '18 of Audio and Music Engineering, Daniel Myers '18 of Biomedical Engineering, and Gunnar Zemering '18 of Mechanical Engineering.

Women's Basketball: Kayla Kibling '16 of Engineering Science and Sarah Kaminsky '17 of Chemical Engineering.

Men's Basketball: Akihiro Minami '18 of Computer Science and Applied Mathematics.

Men's Squash: Numair Sani '18 of Computer Science.

Thanks to connections established at a previous University Technology Showcase hosted by the Center for Emerging and Innovative Sciences (CEIS), at least one European digital laser cinema company has expressed interest in the work of John Marcianete, Associate Professor of Optics, who is developing a resonant optical de-excitation process which, when used in conjunction with terbium-doped glass fibers, could greatly increase the power and efficiency of visible lasers. That's an example of why I urge Hajim
School faculty members and researchers whose projects could have industry applications to register for this year's CEIS Technology Showcase, to be held from 1 to 5 p.m. April 7 at the DoubleTree Hotel, 1111 Jefferson Road. Registration for this event will close by March 29. The showcase's poster session is an opportunity for university researchers to present their work to industry as well as other researchers and organizations that promote economic development. The objective is to stimulate discussions that may lead to industry-university collaboration.

As always, keep me updated, and have a great week.

Sincerely,

Robert L. Clark
Professor and Dean