

NOTES

FROM DEAN CLARK

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 Marciante**, 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



HAJIM SCHOOL OF ENGINEERING & APPLIED SCIENCES
UNIVERSITY OF ROCHESTER