March 28, 2016

Dear members of the Hajim School community:

Last November, **Ryan Trombetta**, a Biomedical Engineering PhD student in Prof. Hani Awad's lab, **stood on a stage in Berlin, Germany, and pitched his research project to some of the world's top scientists and innovators** at the internationally renowned **Falling Walls conference**. Ryan's compelling description of using 3D printed bone grafts to treat osteomyelitis enabled him to finish a very respectable 12th among 100 competitors (see video here). **This May 18, we will pick another University of Rochester representative** to attend this year's Falling Walls conference, with travel and accomodation expenses paid. The challenge: You have **just three minutes and three slides to summarize your ground breaking idea**. I encourage Hajim School **graduate students, postdocs, junior faculty members or young entrepreneurs** who are interested to **register by April 15**. Visit the official Falling Walls website or contact Adele Coelho, Faculty Outreach Coordinator, for additional information.

Our **University's Engineers Without Borders** chapter has launched a **USEED campaign to raise $5,000** to help pay for the equipment and material to **install a water treatment system EWB members are designing for a school in the Dominican Republic**. The Santa Maria Josefa Rosello Escuela Taller school in Don Juan has two wells on site for nondrinking purposes, but drinking water has to be purchased, which is too expensive to maintain long term. This has been a great project, now in its third year, involving several Hajim School students who are showing how engineers can indeed make the world a better place. Click here to make a contribution to this worthy effort, and here to learn more about the project.

The **fourteen trophies on display in Marty Guenther's office** testify to the success of **two teams of Computer Science students** who competed recently at the CS Games 2016 in Montreal. The participants were seniors **Dan Hassin** and **Adam Scrivener**; juniors **Lia Klein, Maria Janczak, Dan Rubery, Hassler Thurston, Johnny Jacobs, Nathan Contino, Mikayla Konst, Gabe Morales, Casey Waldren, Jacob Bisnett** and **Antonio Cardenas**; sophomores **Shir Maimon, Nina Bose, Jackson Ding, Colin Pronovost**, and **Joel Kottas**; and freshmen **Jackson Abascal** and **Zachary Polansky**. This was a "great community building experience" that enabled students at all class levels to "shine in their areas of interest and skill level," noted Marty, the Department of Computer Science Undergraduate Coordinator. Their success was especially strong in the Algorithm and Theoretical Computer Science events, where they won two first place trophies. "We also had 25 percent female distribution on the two teams which is great," Marty said. "They missed winning first place and came in second over all, but **they had a great experience and represented the department splendidly**."

For an **inside look at what audio and music engineering is about** – and some good music, too -- drop by the third floor audio studio in **Rettner Hall at 7 p.m. this Thursday** when AME program coordinator and lecturer **Stephen Roessner launches a live Open Sessions concert series/ podcast** with performances by Cape Wrath and F. Wood. The free sessions will be **recorded, mixed, and**

mastered by AME students. There will be a **Q and A session** as well. That sounds like something you don't want to miss!

Wednesday's symposium on "Analysis and Conservation of Cultural Heritage Monuments: Challenges and Approaches Across Disciplines," from **3 to 6:30 p.m. at the Wells-Brown Room of Rush Rhees Library**, will include a talk on "Engineering Digital Models of Complex Heritage Monuments" by **Renato Perucchio**, Professor of Mechanical Engineering; Director of the Archaeology, Technology, and Historical Structures Program; and one of the symposium organizers. If you attended the symposium on preserving historic structures that Renato helped organize here three years ago, you'll know what a fascinating intersection this can be for engineering and other disciplines. By all means drop by if you get a chance to listen to Renato and **an international roster of other speakers from the U.S., Singapore, Ghana and Italy**. Click here for details.

Have a technical business idea? The Ain Center for Entrepreneurship will host an **information session on applying to the NSF I-Corps Site Program, at noon, Wednesday**, March 30, in Schlegel Hall, Room 201. The I-Corps program provides **entrepreneurial training and $1,000 to $3,000 grants to help teams transition their technical ideas into the marketplace**. Contact matthew.spielmann@rochester.edu if you have any questions.

A reminder to any Hajim student thinking about studying abroad this summer or fall: **This Friday, April 1, is the deadline to apply for an International Experience Scholarship** from the Hajim School. These $500 to $1000 awards help cover costs of tuition, room and board, books, local transportation, insurance and international airfare. Click here for the application form. For more information, contact Rohan Palma.

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