



# FAST News

NOVEMBER 2021

## DEAN'S MESSAGE

Dear Colleagues,

Gratitude is the starting point of everything. One of the most important acts for our own happiness is the act of giving joy, encouragement, happiness, and compassion to others.

Joyful work can be energizing, inspiring and affirming. Whether it's contributing to our annual Humber United Way Campaign or engaging with our students, our FAST team plays a key role in bringing joy to our community and I want to express my sincere appreciation to each one of you for your hard work, commitment, and contributions to our students and their journey to learning.

Our Humber FAST faculty, Carl Oliver and Dr. Shaun Ghafari (who took a pie in the face to demonstrate his commitment!) are co-chairs of the Humber College United Way Greater Toronto Campaign that provides much-needed support close to home. Thank you to our members who support our campaign through regular payroll deductions. I hope you enjoyed some delicious pie!

[Continue reading on next page.](#)

**WE ARE  
FUTURE FOCUSED**

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Recently, Humber College signed the official Memorandum of Understanding with Sault College to co-deliver the Bachelor of Engineering - Mechatronics degree. Together, we are bringing joy to students in northern and southern Ontario with collaborative learning and are excited to deliver this program from our state-of-the-art learning labs at the Barrett Centre for Technology Innovation to prepare the next generation of engineering leaders.

I hope you will take a moment to read our Work-Integrated Learning Success Spotlights profiling students, Roberta da Silva Muller and Miki Nuraj, who are truly grateful for the opportunity to apply their learned skills in a real-world environment. Learn how our Work-Integrated Learning Team brings joy to our students by finding them unique industry experience opportunities to prepare them for their future careers.

Over the past few weeks, I have become energized with the anticipated return of life on campus next term. As we come together to work, play and live in our Humber community and find harmony in our delivery mode, I encourage you to continue to bring that joy and positivity to our workplace.

Your perseverance is deeply appreciated, and I am so excited to collaborate and work side by side with our FAST team.

I can't wait to see you!

Stay safe & healthy,  
Dr. Farzad Rayegani, P.Eng, FEC.  
Senior Dean

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## SAULT COLLEGE AND HUMBER COLLEGE SIGN OFFICIAL MEMORANDUM OF UNDERSTANDING FOR THE CO-DELIVERY OF THE BACHELOR OF ENGINEERING – MECHATRONICS PROGRAM

It gives us great pride to announce the official signing of the Humber College and Sault College of Applied Arts and Technology partnership to co-deliver the Bachelor of Engineering - Mechatronics degree.

Co-hosted by Kelly Jackson, Associate Vice-President, Government Relations, Marketing and Communications, Humber College and Rick Webb, CHRL, Director Human Resources and Corporate Communications, Sault College, the event was attended by Dr. Ron Common, President and CEO, Sault College and Dr. Chris Whitaker, President and CEO, Humber College who signed the partnership in the presence of The Hon. Ross Romano, Minister of Government and Consumer Services, Member of Provincial Parliament for Sault Ste. Marie.

The Mechatronics degree, which welcomed its first cohort this September, allows students to study in an emerging field at either Sault College – Sault Ste. Marie Campus or Humber’s North Campus in Etobicoke.

Together, we are providing students in northern and southern Ontario with state-of-the-art equipment, expert teaching, collaborative learning, critical thinking, and hands-on skills needed to prepare the next generation of engineering leaders.

Read the full article [here](#)



## HUMBER UNITED WAY CAMPAIGN

Feast your PIES on this!

Our Humber FAST faculty, Carl Oliver and Dr. Shaun Ghafari (who took one for the team!) are co-chairs of the Humber College United Way Greater Toronto Campaign!

Each year, Humber employees are asked to support United Way of Greater Toronto, through regular payroll deductions, one-time donations or by participating in fundraising activities.

While the pies are all gone, please consider donating via payroll!



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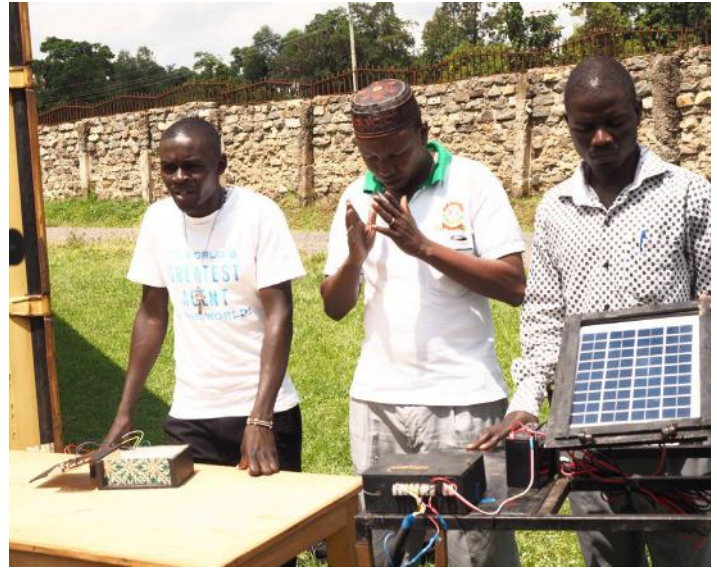


## DELIVERING HUMBER COLLEGE TO THE WORLD

We have the collective ability and responsibility to transform education on a global stage and this interdisciplinary initiative will develop future leaders and global citizens.

Humber FAST is proud to play a key role in training teachers and lab technicians for a newly developed industrial plant operations program at The Kisumu National Polytechnic in Kisumu, Kenya and we look forward to continuing to demonstrate our bold commitment and civic responsibility to inspire positive change.

[Learn more about the Kenya Education for Employment Program \(KEFEP-02\) and Humber's contribution](#)



## COUNCILLOR MICHAEL FORD VISITS CENTRE FOR SKILLED TRADES & TECHNOLOGY AND THE HUMBER ARBORETUM

Humber College continues to be a leader in post secondary education in North Etobicoke and the City of Toronto and recently, we had the pleasure of hosting Councillor Michael Ford to showcase how we are addressing the demand for apprenticeship and trades training.

Councillor Ford met with several college staff including Kelly Jackson, Associate Vice President, Government Relations, Marketing and Communications; Dr. Farzad Rayegani, Senior Dean, FAST; Michael Auchincloss, Associate Dean, FAST; Janet Almeida, Associate Director, Operations, Faculty of Health Sciences and Wellness; and Jimmy Vincent, Coordinator of Education, Camps, and Community Outreach.



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## HCH INDIGENOUS CLASSROOM IDEAS COMPETITION

Humber 4th year Bachelor of Interior Design students recently participated in an IDEAS Competition for the Humber Cultural Hub Indigenous Classroom!

Sponsored by Diamond Schmitt architects, this competition engaged students to imagine the indigenous classroom in Humber's Cultural Hub at Lakeshore campus. Feedback sessions were conducted with Diamond Schmitt project architects and designers as well as input from Jason Seright and Nahannee Shuitemaker from Humber Indigenous Education and Engagement.

We look forward to seeing the winning projects!



## HUMBER FAST OFFICIAL PARTNER OF INAUGURAL ENGINEERING CONFERENCE

Humber FAST was a proud partner of the inaugural The Future of Engineering, the first annual engineering conference presented by the Ontario Society of Professional Engineers (OSPE). The two-day virtual conference brought engineers together with industry, academia and government to present and discuss the latest opportunities, challenges and innovations in engineering, and what must be done in Ontario and Canada to remain competitive.

Our faculty hosted an engaging virtual booth and our Senior Dean, Dr. Farzad Rayegani participated and shared keen insights in the Panel Discussion: Future of the Workplace after COVID-19.

***“Our job is to enhance the quality of life for a diverse, global community.”***



***“As engineers, we’ve needed to look at the education system as a system with three domains: technical, personal and organizational. We’ve had to be flexible, adaptable and constantly look at our domains and recognize how our assessment and delivery mode is changing without changing the output which is to ensure that our students are learning and graduating career ready.”***



## BARRETT CENTRE FOR TECHNOLOGY INNOVATION

### BARRETT CTI HONOURED WITH 2020 DESIGN AWARD OF EXCELLENCE

The American Institute of Architects' Canada Society chapter (AIA) has announced the recipients of its 2020 Design Awards. The annual awards recognize excellence in Canadian architecture, urban design and interior design.

Home to FAST state-of-the-art learning labs, Humber College's Barrett Centre for Technology Innovation, designed by Perkins and Will, was among 11 projects that received recognition from AIA Canada Society, and was recognized with an Award of Excellence, an honour shared only by the Senate Building of Canada.

The awards program promotes exceptional talent and celebrates those who are pushing boundaries, using new technologies and materials, and developing our future environments in ways that enrich our lives and advance health, inclusivity and stewardship.

Visit the [Canadian Architect website](https://www.canadianarchitect.com) for the full list of recipients.



### BARRETT CTI ATTENDS THE CANADIAN MANUFACTURING TECHNOLOGY SHOW

The Barrett CTI team attended the Canadian Manufacturing Technology Show (CMTS) from October 4-7 at the International Centre in Mississauga.

The only college to host a booth, the team proudly represented Humber College and connected with various industry professionals.





## BARRETT CENTRE FOR TECHNOLOGY INNOVATION (CONT'D)

### SICK CANADA, HUMBER COLLEGE & BARRETT CTI FEATURED IN MANUFACTURING AUTOMATION

SICK Canada (SICK) partnered with Humber College to invest in research and development and co-created a SICK Sensor Lab in the Barrett CTI. This lab showcases how digital transformation is gaining traction among Canadian companies.

Read the full feature article on [“Sensing Future Innovations with SICK Canada”](#) in the October Issue of Manufacturing AUTOMATION!



### BARRETT CTI INFORMATION SESSIONS FOR ALL FACULTY & STAFF

The Barrett CTI is hosting information sessions once per week beginning October 27 through to November 18, 2021.

Each Information Session will introduce participants to:

- The Barrett CTI team
- Objectives and purpose of the Barrett CTI
- How to book activities & spaces in the building through our Resource Management System
- Learn about the equipment & technology and how to access it

This session is for all Humber faculty & staff and each session can be attended either in-person or online.

Register [here](#)





### WIL SUCCESS SPOTLIGHT

Roberta da Silva Muller

Program of study: Mechanical Engineering Technology,  
Co-op

Work Placements: Ben Machine Products and CiF Lab  
Solutions

#### **Where did you do your co-op work placements, and what did you do?**

My first co-op placement was at Ben Machine Products. For my first work term I wanted a more hands-on experience and luckily, I was able to get a position where I worked in the shop, passing through different departments including: CNC Operating, Deburring, Finishing and Shipping. My goal for my second placement was to find an opportunity that I could see myself doing in the future. I got a position in the Engineering department at CiF Lab Solutions which is a company that produces cabinets. At CiF I was involved in developing, engineering and testing new, existing and customized products.

#### **What were some of the most important things you learned during your WIL experience, and why were they so important?**

For my two work terms I wanted to get different experiences to see in which work environment I felt I could develop the most. For the first co-op term, working in the shop, I was able to participate in most of the manufacturing process, from the CNC cutting operations and deburring the rough edges to finalizing the product and the shipping process. I think it was really important for me to know the manufacturing process and understand why each part is important in order to get a final product with good quality.

For my second work term the experience I gained was important because I was able to think about the manufacturing aspect while I was developing the product. Other than the skills I developed, I believe that what I take from my experience is that even if you are working in one



department it's important to know the role of the other departments and the whole process for you to do the best work you can.

#### **What advice would you give to other students who are thinking about participating in co-op?**

I would say if your program has a co-op option you should do it. It's a great opportunity to get hands-on experience, a chance to connect with companies in your field of interest and experience your first step into your career while still in school.

#### **What advice would you give to female students pursuing a career in technology?**

Believe in yourself! You are capable of achieving your goals and you will be a great professional. Just keep improving yourself.





### WIL SUCCESS SPOTLIGHT

Miki Nuraj

Program of study: Architectural Technology, Co-op

Work Placement: Build IT by Design

#### What did you do during your placement?

My main job was to assist the Manager of Design and Manager of Estimating. This included day to day duties such as attending meetings and taking notes, completing material take offs, reviewing consultant proposals, filling out the budget tracker, maintaining a relationship with consultants and trades, and more.

#### What were some of the most important things you learned during your WIL experience, and why were they so important?

My work placement experience not only developed my adaptability skills and self-confidence, but it taught me so much about the industry. My career plans completely shifted once I started my position. I had always thought I wanted to work in a design firm right after I graduated, starting off in a junior interior design position. However, working at Build IT has shown me all the different job opportunities and how important they all are. It allowed me to work with women that are doing great things in the industry that I look up to and have impacted me in a positive way.

#### What advice would you give to other students who are thinking about participating in work placement?

To other students I would say: Even though the unknown is scary and you might feel like you don't know enough, it's worth it. You gain so much insight and knowledge. Experiencing the industry firsthand and not just through classes is invaluable. You have the opportunity to connect and meet people that are supportive and there to help you.



#### What advice would you give to female students pursuing a career in technology?

I know that in an industry that's mostly run by men, and where women are under-represented, it can sometimes be intimidating. It's okay to feel uncomfortable because oftentimes that pushes you to do better. Although there will always be someone that is biased, it's important to push past the stereotypes, speak your mind, and persevere.

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## FAST MILESTONES

Congratulations to the following Humber FAST team members who are celebrating Career Milestones in October and November! We truly appreciate your contribution to the Humber FAST community and congratulate you on reaching this important milestone!

**1 year** Martine Spinks

**15 years** Vanessa Vilic-Evangelista

**20 years** Walter Borges

**30 years** Anthony Nyman



## FACULTY OF APPLIED SCIENCES & TECHNOLOGY

### UPCOMING EVENTS

#### NOVEMBER 8

Fall Convocation

#### NOVEMBER 20

Fall Virtual Open House





#### NOVEMBER 22

Registration Begins For Winter 2022



## WE WANT TO HEAR FROM YOU!

FAST NEWS recognizes and celebrates the achievements of our faculty and students. To share your successes with us, please submit stories and images to the Office of the Senior Dean, Julie Pasquin: [julie.pasquin@humber.ca](mailto:julie.pasquin@humber.ca)

-  [@HumberAppTech](https://twitter.com/HumberAppTech)
-  [@HumberAppTech](https://www.instagram.com/HumberAppTech)
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-  [@HumberAppTech](https://www.linkedin.com/company/HumberAppTech)

Julie Pasquin  
Office of the Senior Dean