



HUMBER

Faculty of Applied Sciences & Technology

FAST News

APRIL 2022

DEAN'S MESSAGE

Dear Colleagues,

Change is in the air. The precise date is unpredictable, but one warm afternoon we will witness winter turning to spring, feel the bright sunlight, and smell the first fragrance of spring.

Change is particularly poignant at this time as we return to campus after two years since the initial pandemic lockdown. We are also hoping for change with a quick and peaceful resolution around the world as we continue to provide unequivocal support to our colleagues, students, friends, and neighbours with families in both countries.

Brighter days are on the horizon, and we have much to celebrate! In this issue, we rejoice for the return of in-person events as we hosted the FIRST Robotics Ontario Division Competition – its first event of the season and in-person after a two-year hiatus due to the pandemic. The energy in the Humber North Athletic Centre was electric!

[Continue reading on next page.](#)

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And while we find that balance hosting in-person and virtual events, we are delighted for our faculty, students and industry partners who participated in online events to support International Women’s Day and National Engineering Month.

We also showcased our virtual Scholarship Celebration when we recognized all the students who have been awarded scholarships, thanked all the donors and acknowledged these industry partners on how their contribution is helping talented, hardworking students reach their academic goals.

Preparing Canada’s skilled trades for a post-pandemic economy is a top priority and Humber is playing a significant role in addressing the skilled trade shortage in Ontario. To showcase the great team at our Centre for Skilled Trades & Technology, we have introduced “People of Carrier Drive.” A new profile piece, these stories will showcase our faculty, staff and students of Carrier Drive and provide an opportunity for work study and Humber PR student, Cindy Giang to expand her writing chops!

As we welcome spring and this time of renewal, let’s continue to take time for our ourselves. I encourage all of us to explore the outdoors, welcome warm sunny days, and look forward to positive change.

With gratitude,
Dr. Farzad Rayegani, P.Eng, FEC.
Senior Dean

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FAST WELCOMES FIRST ROBOTICS COMPETITION

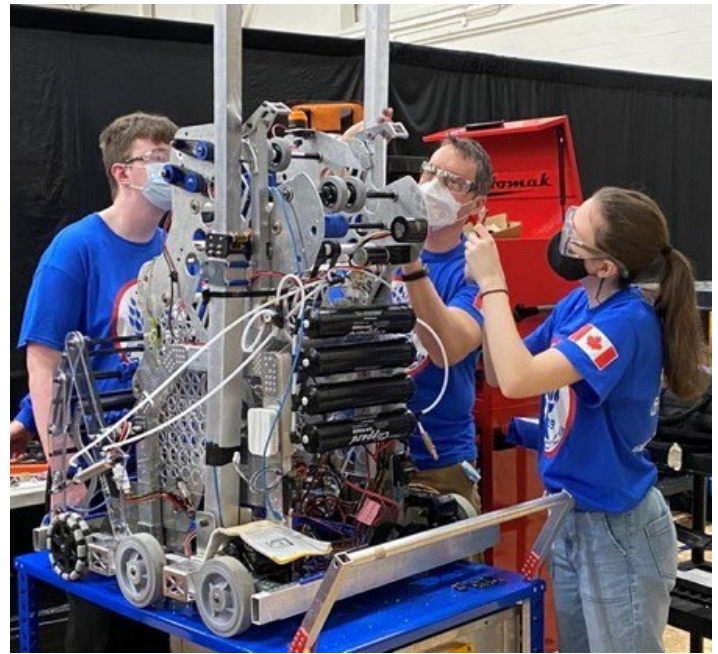
Sounds of metal clanging, power tools buzzing and engines whirring filled the Athletic Centre at Humber College's North Campus in early March as 450 high school students took part in the FIRST Robotics Ontario Division Competition. Dr. Shaun Ghafari and Dr. Farzad Rayegani welcomed more than 30 teams representing schools from London to Kingston.

During the two-day competition, Ontario students flexed their engineering, coding and design skills as they put their homemade robots to the test in a series of specially designed challenges.

This event combines the excitement of sport with the rigors of science & technology and empowers competitors to be the next generation to solve the world's toughest challenges.

Special shout out to all of the technologists, Michael Auchincloss and the team at Carrier Drive who provided mentorship and support throughout the weekend.

[Watch this video](#) to be inspired by the leaders, innovators & engineers of tomorrow!



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FAST HOSTS NATIONAL ENGINEERING MONTH EVENTS

Humber FAST was a proud partner of National Engineering Month – Canada’s engineering event of the year.

We hosted two engaging events with FAST faculty, staff, a student and industry partners that sparked bold conversations with diverse perspectives.



Humber College Champions Women in STEM

To recognize and celebrate International Women’s Day, a panel of fearless women and supportive men shared their authentic stories and how there is strength in our differences to bring innovation, productivity, and pride to a more elastic workforce. Thank you to Dr. Martine Spinks, Dr. Jonathan Kim, Janice A. Wojcik, FAST Bachelor of Engineering student, Cassandra Birtch, and industry colleague Dr. Daniela Galatro, for hosting an insightful discussion and thought-provoking points of view.

“Women in leadership have already made a significant contribution and continues to make a positive impact on our profession.”

“Diversity in anything brings voices to problem-solving.”

Humber College Drives Inclusive & Continuous Professional Learning

Dr. David Smiderle and industry partner and colleague, Yuka Maruyama, engineering & maintenance manager, Magna Powertrain, Unimotion-Gear, shared the importance of leveraging our diversity and providing all Canadians with the opportunity to gain current, industry relevant skills.

Together, they shared a recent collaboration between FAST Continuous Professional Learning and Magna to design a customized program that increased the competency of its electrical team and delivered them personal and professional growth that is needed for a world of constant change.

“Continuous Professional Learning provides competency-based training opportunities for adult learners where they are able to gain current, industry relevant skills from experienced industry experts in a relatively short period of time.”

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HOME SWEET HUMBER

As the energy returns to the college, we are celebrating and showcasing life at north campus!



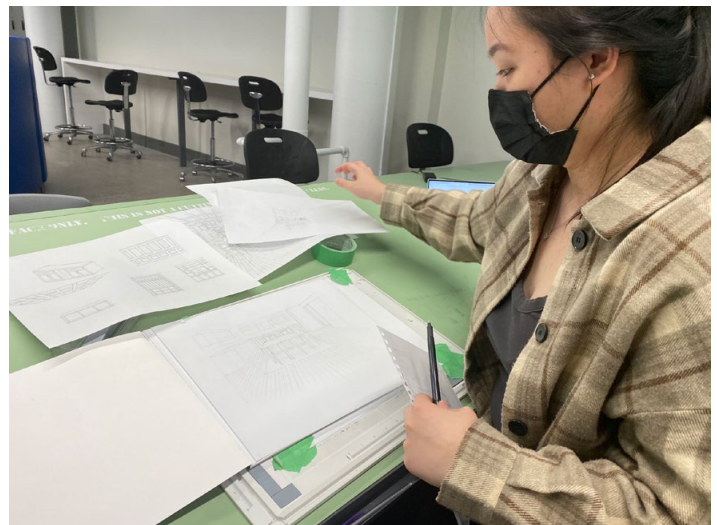
Architecture student 'drawing' inspiration from campus life



Arborist student climbing to new heights



The next generation 'building' his skills for tomorrow



Interior decorating student designing your dream kitchen

Share your life on campus images in the next FAST News issue!
Please submit to Jennifer Buchalter: jennifer.buchalter@humber.ca

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WORK INTEGRATED LEARNING

Work-Integrated Learning is in FAST's DNA and during March National Co-op and WIL Month, we celebrated and shined a spotlight on our students and the hands-on, career-driven education we provide them in collaboration with our valued industry partners.

WELCOMING ADVANCED MANUFACTURING CO-OP STUDENTS

In recognition of National WIL & Co-op Day, on March 23 the Co-op Services team hosted a Co-op Kick-Off for the newest cohort of co-op students, from the Advanced Manufacturing cluster.

A highlight of the event was hearing from Ashley Nollner, Electrical Engineering Technology Co-op student. "Co-op brings everything together" said Ashley. "You get exposure to experience you can't get in the classroom. You get to perfect your resume and interviewing skills. These are important skills to have for your co-op job search and also when you graduate."



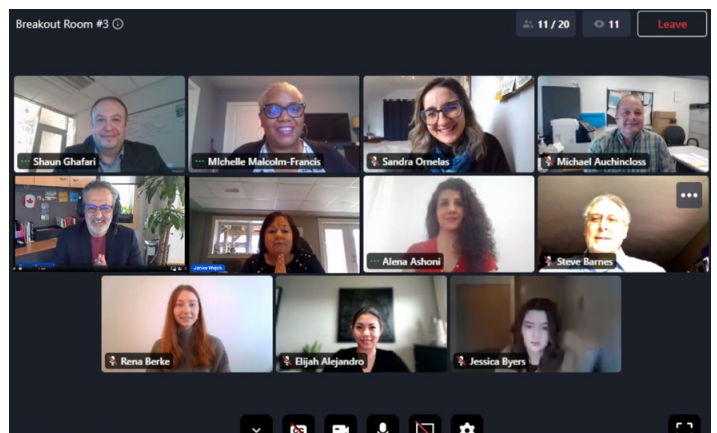
Since Fall 2019, FAST has launched Co-op in 12 Diploma programs across all four clusters and designed the Co-op model for the three Engineering degrees.

We celebrate and congratulate all students who participate in FAST Co-op and work placement programs and who have demonstrated a commitment to becoming future-ready for their career.

INDUSTRY SUPPORTS UNLIMITED POTENTIAL OF FAST STUDENTS

Industry donors and FAST students virtually came together recently to celebrate this year's scholarship recipients!

Hosted by Janice Wojcik, Manager, Work Integrated Learning & Industry Engagement, guests were welcomed by Chris Whitaker, President and CEO, and FAST Senior Dean, Dr. Farzad Rayegani who expressed their appreciation for our industry partners and congratulated this year's scholarship recipients.



An annual tradition, the event provides an opportunity to thank donors and showcase how their support and dedication helps students work towards their dreams, ensuring they can reach their unlimited potential.

Valued industry partners met and listened to students who shared inspiring and personal stories on how their scholarship helped them on their educational journey that continues to transform their learning experience.

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INTERDISCIPLINARY INITIATIVE DELIVERS OOEY GOOEY GOODNESS

Chocolate makes the world go round. Especially if it's a chocolate Ferris Wheel!

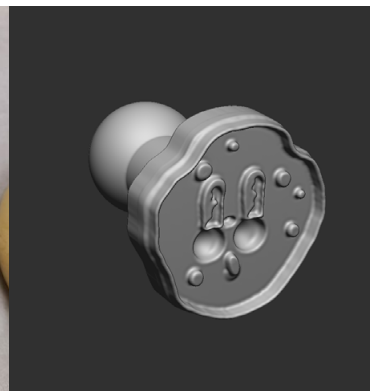
Interdisciplinary teams of Humber faculty and students have come together to push boundaries and find new, innovative ways to create unique pieces of functional delicacies!

Teams from the Faculty of Business, Faculty of Media & Creative Arts and BCTI worked with a FAST industrial design student to experiment with design software to create chocolate moulds, stamps and 3D animation.

This ongoing research project explores new and different cross-discipline learning opportunities and emerging technologies that engages culinary arts, industrial design, 3D animation and graphic design.

This delicious initiative has led to creating a functioning, chocolate Ferris Wheel followed by the Gooley Cookie Co. research project complete with hand-made, chocolate filled cookies and the Ooey Gooley mascot that comes to life with Augmented Reality.

We can't wait to see more ooey, gooey, goodness!





PEOPLE OF CARRIER DRIVE

Associate Dean Michael Auchincloss shares how he found his passion in the trades

By Cindy Giang

Cindy is a student in the Bachelor of Public Relations program and is currently a Work Study student at the Centre for Skilled Trades & Technology, Carrier Drive

Michael gazed upward with soft eyes and a grin as he reminisced when he was an electrical instructor. He said, “You can teach the students what is in the book but teaching them about having passion for their career and seeing their smiles are what make my day.”

Interviewing Michael Auchincloss, associate dean, skilled trades & apprenticeship, is eye-opening as he showed his passion for teaching and his will to continue to create equality within his role.

With the smell of coffee lingering in the air, he shared his trade and career journey.

Michael came from a family of six children, with one parent working and one at home, where he learned how to fix bikes and anything he found with his siblings. He recognized his school’s failure to accommodate students’ different learning styles as he struggled with his dyslexia after being diagnosed with this condition in grade four.

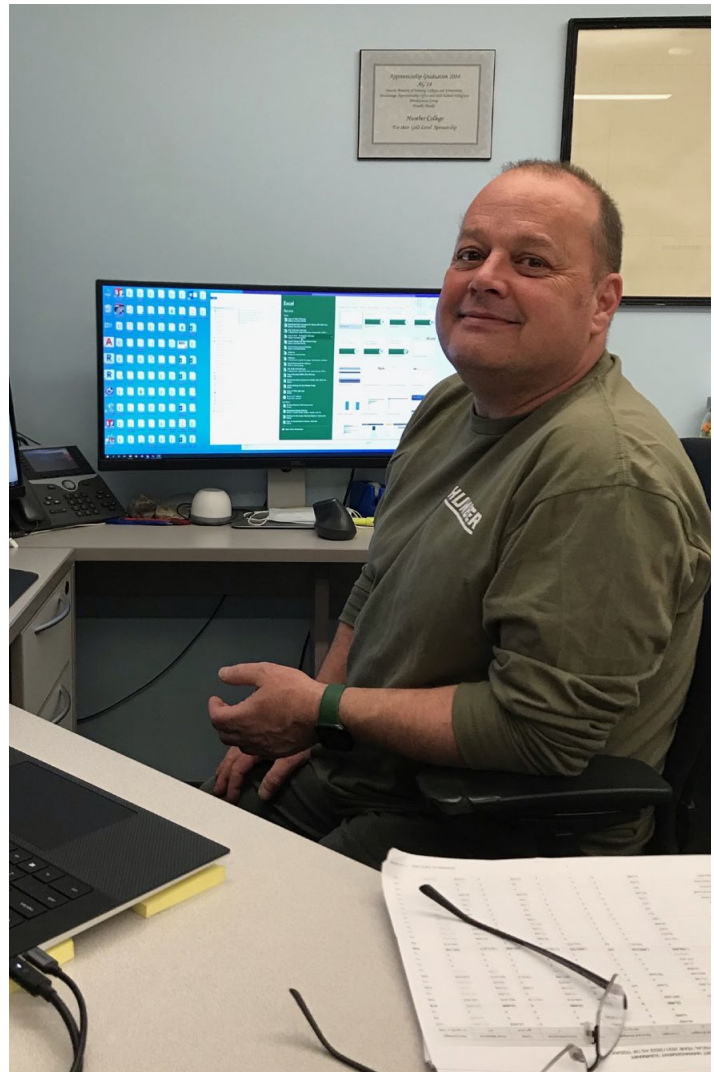
It was tough, but Michael said he flourished when he explored metalworking, automotive, electrical and cabinet making in high school. He got to experience the responsibility of being an electrician through working for his grandfather, who was an electrician.

He described an electrician’s work as an artwork and a passion for creating. He shared that seeing the completed work and the happiness of his customers’ faces was memorable and exciting throughout his career.

After years of working as an electrician, he accepted the offer from Joseph Tomona, the former associate dean, and started teaching the electrical apprenticeship at Humber College in 1998. He said, “I love dealing with the students. I love sharing the knowledge that I have learned in the field.” He encouraged students to stop letting their past actions dictate their passion and future.

While currently not teaching, Michael’s involvement with community outreach and workforce development still provides him the opportunity to speak and counsel with prospective students.

His advice to future trades people is to speak to someone who is knowledgeable in the trade. He said, “Ask questions” about what the trades can offer you.



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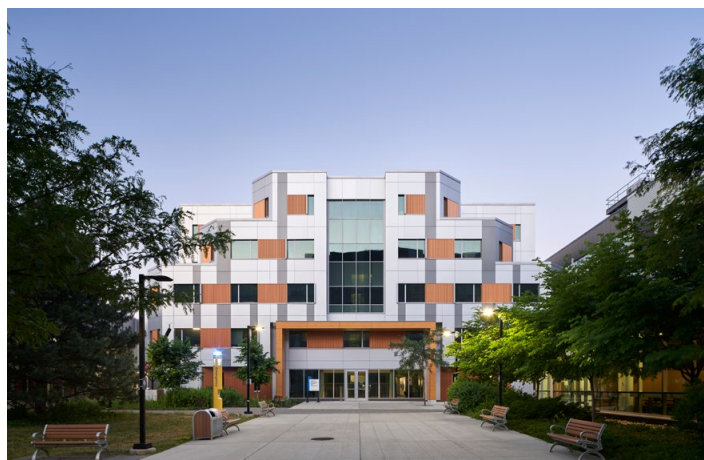
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FAST MILESTONES

Congratulations to the following support staff and faculty members who are celebrating a Career Milestone in April! We truly appreciate your contributions to the Humber FAST community and congratulate you on reaching this important milestone!

1 year	Dave Smiderle
5 years	Ali Owayid
20 years	Danny Cunha
25 years	Bill Wright
31 years	Monica McGillivray



UPCOMING EVENTS

APRIL 12

Barret Family Foundation Scholarship In-Person Celebration

APRIL 15

Good Friday - College is closed

APRIL 20-22

Virtual Décor Design Dilemma

APRIL 22

Earth Day

APRIL 23

Spring Virtual Open House

APRIL 24

Last Day of Classes

APRIL 28





Bachelor of Interior Design Virtual Thesis Show

APRIL 30

Bachelor of Industrial Design In-Person Thesis Show

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

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