



HUMBER

Faculty of Applied Sciences & Technology

FAST News

MAY 2022

DEAN'S MESSAGE

Dear Colleagues,

May 2022 marks significant milestones at FAST.

Students and faculty are returning to campus for in-person learning as we transition from the winter to summer academic term. Graduates are showcasing their thesis and capstone projects, capturing their experience over the past four years as they learned to adapt and innovate between virtual and in-person learning. And I am marking a humbling moment with gratitude and reflection.

This month, I celebrate five years serving the Faculty of Applied Sciences & Technology as your Senior Dean. Celebrating the accomplishments of the FAST community is a joy for me. Each successive year builds on past achievements and holds promise for an even greater future. Together, our faculty and staff have shown remarkable adaptability, resilience and perhaps even more importantly, empathy and compassion for each other and our students.

[Continue reading on next page.](#)

**WE ARE
FUTURE FOCUSED**

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As we welcome a new academic term, celebrate Capstone Projects and Thesis Shows, watch our students participate in the 2022 Skills Competition, and commemorate the Class of 2022 in June, I encourage all of us to take a moment and look back at how far we've come.

Often, we are so engrossed in the journey, plodding away day after day, that we don't realize how much progress we're making until we stop and look back. Many small steps create a journey and if we don't stop and look around, we're going to miss some spectacular views.

It has been an absolute pleasure and privilege to serve the FAST community at Humber College and I look forward to continuing this journey and enjoying the view with all of you.

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

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THE NOT SO F.A.S.T. TEAM

Walk. Run. Stroll.

We may be FAST but The NOT SO F.A.S.T. Team took its time to participate in and enjoy the company of faculty, staff, students and friends at the 15th Annual Humber College 5K Run/Walk: The Comeback.

Organized by the Fitness and Health Promotion third semester students, participants were excited to return after a two-year hiatus and walk/run the Humber Arboretum trails. All proceeds benefited Stella's Place which provides free mental health care to young adults.



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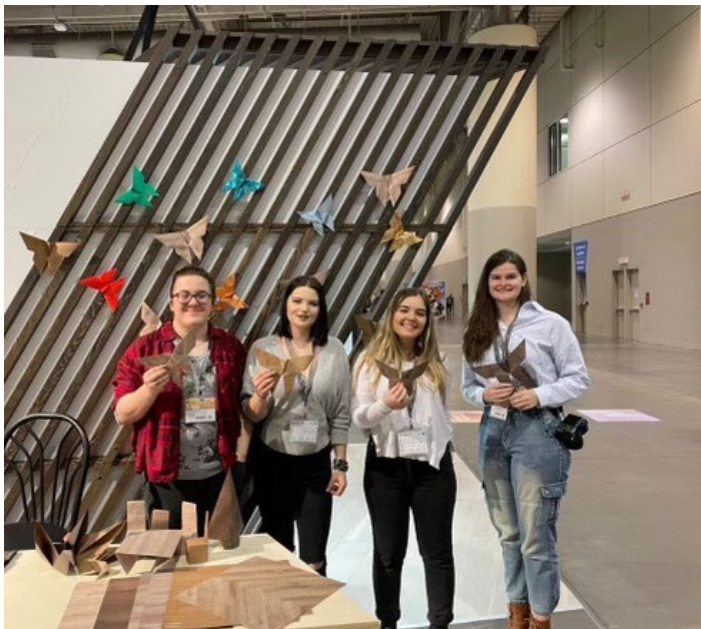
TODAY'S DESIGNERS ARE TOMORROW'S VISIONAIRES

The Interior Design Show is Canada's premier showcase of new products and furniture, superstar designers and avant-garde concepts.

Over the last 20 years, IDS has become both a catalyst and authority for Canadian design and this year's IDS Toronto attracted some of our FAST BA Interior Design students.

Organized by Professor Órla Keane, this fun "field trip" provided a platform for these students to experience and uncover not just what's new and what's next but taking part in the larger conversation around design.

They explored compelling concepts, innovative products, met key experts in the industry and had some 'reflective' fun!



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FAST FACULTY RECIPIENTS OF NSERC GRANT

Congratulations to Dr. Maryam Davoudpour and Dr. Dennis Kappen who have, together with researchers and industry partners, received \$2M Natural Sciences and Engineering Research Council of Canada (NSERC) ARTP2 funding for the FIBER initiative.

Led by Centennial College's Technology Access Centre, this initiative includes partner institutions Sheridan College, Humber College and the KITE Institute at the University Health Network (UHN).

This ARTP2 funding will allow researchers to support e-textiles companies in developing e-textile based technologies and products for the healthcare industry. This initiative is aligned with Fabric-Based Research (FIBRE), the first of its kind academic research platform in the field of textile-based technologies led by UHN's KITE (Knowledge. Innovation. Talent. Everywhere.)

Congratulations!



ARCHITECTURAL TECHNOLOGY STUDENTS ADVANCE TO OAAAS STUDENT COMPETITION

The verdict is in!

Architectural Technology advance diploma program students recently competed in the Ontario Associated of Applied Architectural Sciences (OAAAS) Humber College Adjudication that was attended by guest judges and Rommy Rodriguez, assistant director, OAAAS.

After careful consideration, the jury selected the following students to represent Humber College at the OAAAS Student Competition in May to showcase their capstone projects:

Ara Chung

Large Building Individual

Ellin Dela Cruz, Batoll Nassery and Usman Zahoor

Large Building Group

Usman Zahoor, Jonah Flore and Alexis Kitchener

Small Building Group

Congratulations to all students who participated and good luck!



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2022 SKILLS COMPETITIONS

Humber FAST students have seen much success since they began participating in Skills Competitions in 2004, including Winston Lord who competed in the 2014 Ontario and National Skills Competition before advancing to the 2015 World Skills in São Paulo, Brazil.

As we embark on the 2022 Skills Competition season, we sat down with Winston to reflect on his journey and how participating in these competitions positively contributed to his successful career in Electronics Engineering and coming full circle as a FAST part-time Power Electronics instructor.

Winston Lord

Engineering Manager, Kraken Sense
Power Electronics, Partial Load Instructor (PT)
Electronics Engineering Technologist, Class of 2015
14th Place, Electronics, WorldSkills 2015
Silver Medalist, Electronics, Skills Canada 2014
Silver Medalist, Electronics, Skills Ontario 2014



Tell us about your personal journey and passion for electronics?

Growing up in Mississauga, I was always curious and had a knack for playing with electronics. In grade school, I would collect toothpaste containers and toilet paper rolls, to make functioning traffic lights using pipe cleaners, Christmas lights and batteries. I had a VERY imaginative mind! (laughing) These random projects continued while attending high school where I was always tinkering. I was known as the kid who had retrofitted speakers on his bike!

Tell us about why you chose Humber College to pursue your passion in electronics and your continued journey at FAST?

My mom is a Humber alumna, and I felt the Electronics Engineering Technology advanced diploma program would provide me with the opportunity to gain valuable, practical skills. And it did!

Upon graduating, I immediately secured a position in my field and now I'm an Engineering Manager at Kraken Sense. I am also incredibly proud and honoured that I was asked to return as an instructor and share my knowledge and expertise to help the next generation. This demonstrates how much I have progressed in my field and that people find my ideas are valuable. I take this responsibility very seriously and I'm so happy that I have been given this unique opportunity to apply my knowledge and skills to help forward advancements in the electronics field.



What is your teaching philosophy?

Don't sugar coat it.

Teachers have the responsibility to treat students as adults and prepare them for the real world. Students deserve our respect, and we owe it to them to be honest and transparent when teaching them the fundamental skills that will prepare them for their careers.

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You competed in the electronics field and earned a silver medal at both the 2014 Ontario Skills & National Skills and then proudly represented Canada at the 2015 World Skills in São Paulo, Brazil. Tell us about this experience?

Competing in the Skills Competition is life-changing! From the training and preparing for the competitions to the team building, participating in the Skills Competition opens your mind to all the different career paths you can take and provides you with worldly experiences, offering you a glimpse into the real world.

While competing in Brazil, Team Canada had the opportunity to visit an elementary school and meet with students to talk about our fields of expertise. It was one of the most memorable moments throughout the entire competition and so rewarding to know that I may have inspired a student to pursue a career in electronics.

What valuable lesson did you learn from competing in the Skills Competition?

How to deal with loss.

There can only be one winner so when you are not the chosen one, you learn to recover and bounce back. Life is a highway and it's so important to learn how to keep moving, growing as an individual and learn how to lose gracefully.

What advice would you give electronics engineering students or any student pursuing a specific skill or trade?

Enter the competition!

The amount of knowledge you gain during the training and actual competition will be of great benefit to you in your academic and professional career.

I had the opportunity to train in the UK with people from all around the world. I created bonds and relationships with people before the competition even started.

That journey of training prior to the competition is so valuable because you are training with industry experts who are teaching you new skill sets. I had an ecosystem of support from professionals who were committed to helping and preparing us not only for the competition, but for the real world.

This competition adds on a secondary layer of information and knowledge that is more diverse and agile. Humber gives you the fundamentals and the Skills Competition gives you the expanded knowledge. Combined, you are ready to embark on your career journey!



The 2022 Skills Canada Ontario Provincial Competition is now underway where students demonstrate their expertise and knowledge as they compete to advance to the Skills Canada National Competition from May 26-27 at the Vancouver Convention Centre and virtually. National winners then represent Canada at the WorldSkills Shanghai 2022 from October 12-17.

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INDUSTRIAL DESIGN ALUMNI SPOTLIGHT

Cristian Loria

Bachelor of Industrial Design, Class of 2020

Industrial Designer, Myant Inc.

Delivering progressive Industrial Design insights to develop electronics for wearable technology in the health and wellness industry.

How did your time at Humber FAST prepare you for your future success?



My four years at Humber produced the most growth and development of self, character, and identity I have ever experienced. The Humber College Bachelor of Industrial Design program is known for being very technically demanding and strenuous. The challenges of the program pushed me during my formative years as a young adult and helped me greatly improve my work ethic, determination and ingenuity which are abilities that I will carry with me for the rest of my life.

During my time at Humber I certainly gained many technical “hard” skills that have been essential for my day-to-day job performance. Now that I am in the world of work, what I have come to recognize is that the most valuable lessons I learned from the program are not actually directly taught in the classroom. It is the demand and intensity of the workload that induces constant growth and improvement. The continuous challenges while in school is what instills and shapes the “essential” skills that provided me the most value today. It is my ability to apply these “essential” skills in life, and in my work, that has allowed me to set myself apart from others.

Another aspect of the program that provided great value was the community of people it connected me with. I do not believe I would have been able to complete the program if it was not for the lifelong friends and colleagues I met through Humber’s Industrial Design program. The opportunity to work with like-minded, driven individuals has taught me about the importance of teamwork and my role in a dynamic group. The ability to see problems from a new perspective of fellow classmates and professors cannot be understated. Building your network and community with people who will push you to enhance your work is yet another incredible by-product of my time at Humber.

Do you have any advice for a soon-to-be graduate in your field?

For soon-to-be graduates, I would re-emphasize the importance of “essential” skills to better relate to others in the world of work. Your education may have helped you obtain and develop the important “technical” skills to be a professional but that is no different than other graduates from other programs all around the world. Those technical skills are the minimum of what you can do and can be learned with practice. The result is you blend in with thousands of individuals with the same qualifications.

To stand out, to make a better impression, it is the “essential” skills, like your ability to communicate your ideas and interact positively with various people who have different perspectives that will set you apart. From co-workers, managers, and people from other departments to your clients they all have various points of view. Listening and understanding those points of view is a skill set that will help you stand out in today’s competitive workforce. That is why from my perspective what you do outside of the classroom will set you apart from others and ultimately help you achieve success in the future.

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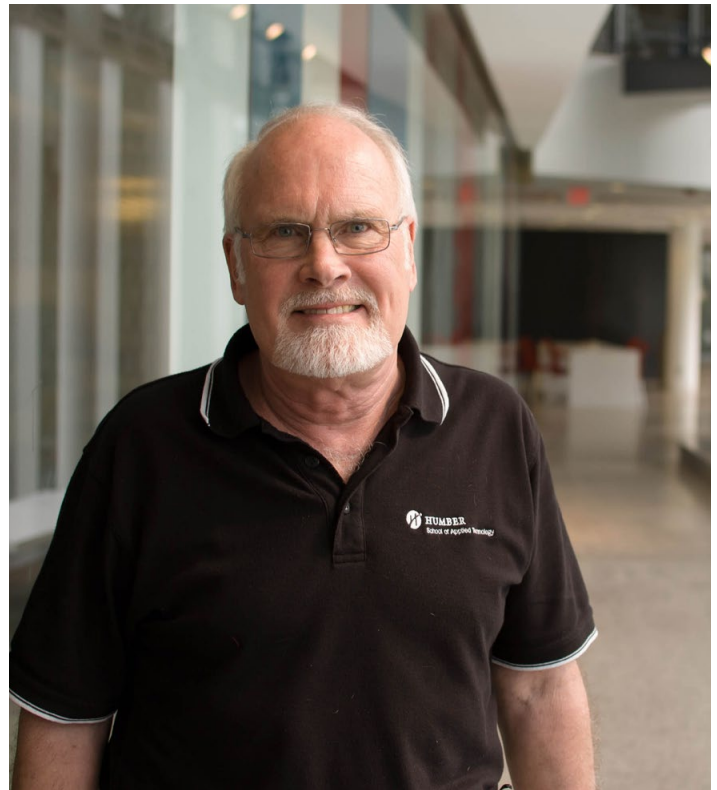
GLENN MOFFAT TAKES A SEAT AND BEGINS A NEW CHAPTER

After 26 years of outstanding service and dedication to the Humber College community and Industrial Design programs, it is with mixed emotions that we announce Glenn Moffatt is retiring.

During his tenure at Humber, Glenn has made significant contributions to our community and was instrumental in coordinating The Chair Show, a highly anticipated annual public exhibition of the Industrial Design chair project where students design seating solutions and designs for the future.

Glenn was an excellent listener and always offered support and encouragement with an unflagging spirit. He will be missed!

Please join us as we extend our warmest wishes to Glenn for a wonderful retirement filled with new chapters, good health and happiness, and a very comfortable chair to sit in, relax and enjoy his retirement!



SHE SHOOTS. SHE SCORES

Charlise Corona has many talents. Not only is this first year student studying in the Electrical Engineering Control Systems Program, Charlise is also an archer who shoots for The Archers of Caledon and recently travelled to Prince Edward Island to compete in the Youth Pan American Championship Trials/Training Camp!

“Competing in the Youth Pan American Championships Trials/Training Camp was a very educational experience,” says Charlise Corona. “I learned new skills, experienced different challenges to overcome, made many friends, and created everlasting memories.”

A recipient of the Barrett Family Foundation Scholarship, Charlise is very grateful for the opportunities this scholarship has provided her.

“My scholarship I was awarded by the Barrett Family has helped me reach and slowly achieve my goals within my educational journey.”



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HOME SWEET HUMBER

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



SEW-EURODRIVE Mechatronics Awards Ceremony

Share your life on campus images in the next FAST News issue!

Please submit to Jennifer Buchalter: jennifer.buchalter@humber.ca



PEOPLE OF CARRIER DRIVE

Jody Fisher dives deep into her career journey and shares how she pursued her drive to build and become a plumbing instructor

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

A faculty member, small-business owner and full-time student advocator: Jocelyn (Jody) Fisher reflects on the challenges of her own journey and of her students.

“Sometimes information isn’t always communicated to the people who are just learning and a lot of things can happen concerning their learning curves and safety,” said Jody. Her passion for teaching comes from her desire to share her experiences and interests with her students, and to help them find their own career path.

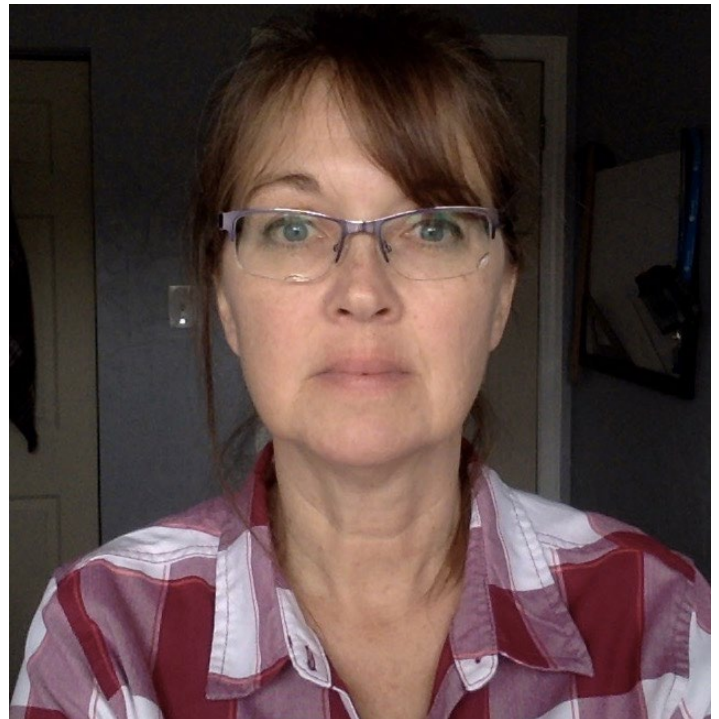
For Jody, it was not a direct path when it comes to choosing to be a plumber and a plumbing instructor. She was exposed to the trades through being born into a family who owned a hardware store. She spent her spare time at the back of the store and learned the physical aspects of running the store. She started to understand the items’ usage when assisting the customers in middle school and she always gravitated to the plumbing materials.

After graduating with a BA in political science from York University, Jody pursued a degree in engineering but after two years she discovered that this was not her path. She worked as a bartender and did contracting work in a variety of construction and plumbing repairs.

Jody applied for the plumbing apprenticeship at the United Association Local 46 because she got tired of bartending after 10 years and wanted to pursue her drive to build. Working as a journeyman and taking in apprentices inspired her to reach out to Steve Anderson, a plumbing instructor at Humber, for an opportunity to be a plumbing instructor. Jody wanted to infuse her experiences into her teaching to prepare her students for their job sites.

For example, the experience of falling through the roof at Mount Sinai Hospital when she was two months pregnant was scary but memorable. It taught her to be vigilant of her surroundings, and she wanted to pass on that knowledge in her teaching.

Now a part-time Humber FAST apprentice instructor and owner of Plumbing the Depths, her advice to future tradespeople is not that everyone can be a tradesman. “You have to be physically and mentally tough” to survive on a job site, Jody added.



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FAST MILESTONES

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

1 year

Mehrdad Iravani Tabrizipour
Nilufar Poshtiban
Saba Sedghizadeh
Hossein Pourmodheji
Shahriar Ghahremanian
Parisa Pouladzadeh

15 years

Bruce Thomson



UPCOMING EVENTS

MAY 2

Summer Classes Begin

MAY 23

Victoria Day – College is closed





MAY 26-27

Skills Canada National Competition
Vancouver Convention Centre and virtually

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

Julie Pasquin
Office of the Senior Dean

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