



FAST News

JUNE 2021

GUEST DEAN'S MESSAGE

BY NANCY SHERMAN

Dear Colleagues,

No - it's not a time warp or a coup d'état. Farzad was gracious to invite me to pen the Dean's Message for this summer edition to celebrate my five-year milestone working with the incredible Humber College community.

After my time with FAST, I have had the opportunity to continue to work with Humber on different initiatives. This has also allowed me to follow some of the accomplishments of FAST that I find even more remarkable given the past year. I thought one new engineering degree would be developed but you developed three! I thought the Apprenticeship and Skilled Trades Strategy would be very delayed but now hear that there will be an expansion of the Centre for Trades and Technology. I knew how many "Rockstars" we had and now I see that others can get to know you as well through the profiles on the FAST website and this summer issue. Finally, I knew we have remarkable

students and hope you will join me in celebrating the seven students who brought home five medals from the 2021 Virtual Skills Ontario Competition.

I know you've faced challenges both professionally and personally, some of you more difficult than others. For me, some of the things I thought I had already learned came back in stark relief. First, I know how lucky I am to have my health, a home, food and family. Second, I am reminded that my wellbeing depends on the web of interdependence that involves people from near and far and in all stations of life. Finally, I somewhat understand the pros and cons of having to jump light years ahead in the use of technology for everything, including education.

[Continue reading on next page.](#)

**WE ARE
FUTURE FOCUSED**

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I experienced the pros by being the assistant to my 5-year-old granddaughter who is in on-line French immersion. I am absolutely dumb-founded at observing how her teachers have evolved their on-line prowess over the past year. I realize not everything would be transferable to college. Not sure how singing and dancing would go over but I'm kind of enjoying it. I learned the cons from her eight-year-old brother. He does not enjoy sitting at a computer. He seems better served to be working on the hard copy learning packages they have prepared for those students who are not doing synchronous learning. Still, he needs guidance for that, something I do not always feel prepared for. He's learning grammar rules, which I confess, I did not pay much attention to when I was at school.

Many of you will soon start your summer vacation. I hope that time will bring you an opportunity to take time for yourselves and your families and when possible, your friends.

Others will not be going on vacation or your situation may not allow you to be able to relax. My trick when that happens to me is that I dress as if I was on vacation and, helped by some warm weather, it made me feel "vacation-like."

I look forward to a time when we can look in the rear-view mirror (or review-mirror as my daughter said when she was very young) and less stressfully reflect on what we've learned from the experience each of us has been through.

Stay safe and wishing you warm regards,

Nancy Sherman
Acting Dean
August 2016 - April 2017

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FAST STUDENTS BRING HOME FIVE MEDALS FROM 2021 VIRTUAL SKILLS ONTARIO COMPETITION

We are proud to announce that seven FAST students earned two gold, two silver and one bronze medal at the Virtual Skills Ontario Competition Closing Ceremony on May 13!

Humber College is no stranger to Skills Ontario and has applauded many FAST students throughout the years for their hard work and dedication to the competitions. It is an incredible honour to participate in this annual event and we congratulate all of our FAST students who qualified for this year's Skills Ontario Competition!

Read full announcement [here](#).



OAAAS STUDENT AWARDS FOR EXCELLENCE IN ARCHITECTURAL TECHNOLOGY

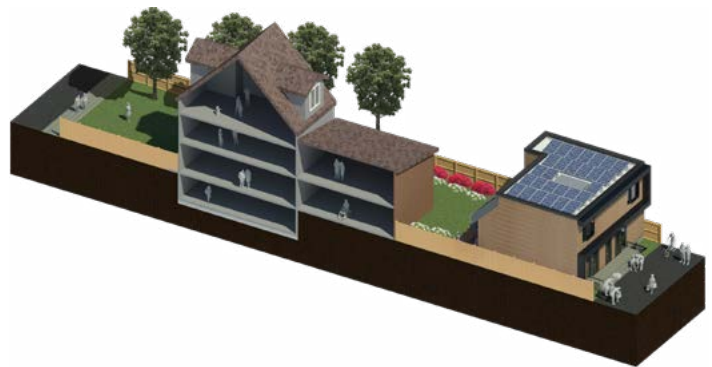
Congratulations to our FAST students who are the recipients of the 2021 OAAAS Student Awards for Excellence in Architectural Technology!

1st place - Small Building Category: Hamlet Laneway House

2nd place - Large Building Individual Category: Alton Public Gallery

2nd place - Large Building Group Category: Niagara Wellness Centre

The awards were formally announced at the 2021 OAA Conference at the Recognition Event on May 18. Congratulations to all our students and faculty who worked so hard to support our students!



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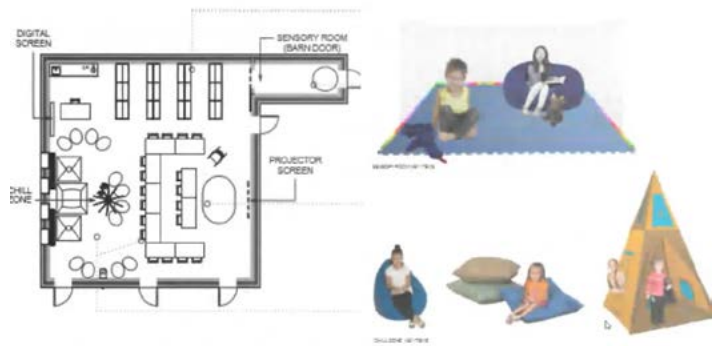


INTERIOR DESIGN STUDENTS RECIPIENT OF TCDSB 2021 EXEMPLARY PRACTICE AWARD

Congratulations to Interior Design students Sarah Dunn and Marcella Perez who are recipients of the Toronto Catholic District School Board (TCDSB) Exemplary Practice Award 2021 that celebrates Innovation and Excellence!

The Mother Cabrini Catholic School community embarked on a project to create calming spaces for students to de-escalate and relax when needed.

Together with the staff, students and parents, Sarah and Marcella developed a service-learning Design Proposal to design a central space in the library, and individual spaces in each classroom, to help students return to a regulated state and reach their full potential.



CENTRE FOR SKILLED TRADES AND TECHNOLOGY EXPANSION

We are excited to announce a \$9.5 million expansion of the Centre for Skilled Trades and Technology (110 Carrier Drive) to help address the increasing demand for apprenticeship and trades training. For the next three years, Humber will receive more than \$1 million in funding from Ontario's Apprenticeship Capital Grant (ACG) to support the project.

The college will be contributing approximately \$2.16 million/year from its capital priorities fund. Construction is scheduled to begin in Fall 2021, under the direction of Michael Auchincloss and Philip Stubbs. Joe Chimenti will be the project lead from Capital Development and Facilities Management.



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GIANT IDEAS COLLABORATES WITH INTERIOR DESIGN STUDENTS

In early 2021, Giant IDEAS collaborated with our 4th year Interior Design students to design affordable housing in Toronto with containers.

Under the leadership and guidance of Prof. Zaiba Mian, this initiative provided an opportunity for our students to extend their design skills to the larger community, allowing them to apply their knowledge to a real-world situation: Ontario's affordable housing crisis.

The result: out-of-the-box thinking to create renderings showcasing feasible affordable housing design.

Read full story [here](#).



PROF. PHIL FUNG RECIPIENT OF NSERC ENGAGE GRANT

We are pleased to announce that Professor Phil Fung in partnership with Kirkor Architects and Planners received Natural Sciences and Engineering Research Council of Canada (NSERC) Engage Grant Funding for their joint project on new post-COVID-19 and nature-based, architectural solutions for enhancing personal wellness at home! Congratulations Phil!



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PROF. DARYOUSH MORTAZAVI RECIPIENT OF NSERC ENGAGE GRANT

We are pleased to announce that Professor Daryoush Mortazavi in partnership with Circuit Plus Inc. received Natural Sciences and Engineering Research Council of Canada (NSERC) Engage Grant Funding for their joint project to develop indoor navigation, asset tracking & space optimization in buildings, malls, hospitals & airports. Congratulations Daryoush!



RESEARCH & INNOVATION PROFESSOR MARIA JACOME

Professor Maria Jacome, PhD, P.Geo from the Civil Engineering Technology program, gave us a glimpse into her journey as a passionate educator and seasoned researcher. Among achieving many milestones, her recent project won third place in the PEO (Professional Engineers Ontario) York Chapter 2020 Engineering Research Project of the Year Award! Congratulations Maria!

Read full Faculty Rockstar profile [here](#).



PROFESSOR LARS KRISTJANSEN

Humber researcher rockstar Lars Kristjansen was prepared with a multitude of creative solutions to engage with his students remotely through a home-lab set-up like none other.

We are in awe of his highly energetic approach to his role as an educator and a researcher. In his words, "This is life, this is everything to me."

We got an in-depth e-tour of his home-lab; one word: "mind-blowing!"

Read full Faculty Rockstar profile [here](#).



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BARRETT CENTRE FOR TECHNOLOGY INNOVATION

BARRETT FAMILY FOUNDATION SCHOLARSHIP CELEBRATION

Humber FAST hosted the annual Barrett Family Foundation Scholarship Celebration to shine a spotlight on this year's 100+ scholarship recipients. In break out rooms, students took the opportunity to show their appreciation, share how their scholarship has made a difference in their lives and to personally thank the Barrett family.



BARRETT CTI PARTNERS SCHOLARSHIP VIRTUAL CELEBRATION

Humber FAST and Advancement hosted the annual Barrett CTI Partners Scholarship Celebration on May 5th, 2021. More than 30 students in FAST received scholarships and awards from our Advanced Manufacturing Skills Consortium Partners, specifically: Cimatrix, DMG Mori, KUKA, MAGNA, SEW-EURODRIVE and SICK. Students had the opportunity to network with our industry partners and show their appreciation.



PEPPER AT THE HEAD OF THE CLASS

Pepper and our Humber FAST students hosted a fun & engaging virtual class with Grade 7s and 8s. The Community Outreach Department at the Barrett CTI coordinate virtual demonstrations for middle school and high school students to showcase technology including the Mechatronics station, Automated Guided Vehicles and Pepper! No surprise – Pepper stole the show!



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WOMEN IN LEADERSHIP

Nancy Sherman began ‘jumping in’ long before Sheryl Sandberg introduced the concept of ‘leaning in.’ Nancy has been a trailblazer ever since.

From an expert in international development projects to the former dean at a Toronto college and acting dean of Humber FAST, Nancy Sherman has had an impressive 50-year career.

However, when you ask her to recall what inspired her remarkable career path, Nancy laughs and shines a spotlight on her moral imperative: jump in. “People occasionally ask me about my career path,” says Sherman. “I had no path. Boomers believed the future would be bright so when an opportunity presented itself, we just jumped in!”

Read full profile [here](#).



FACULTY OF APPLIED SCIENCES & TECHNOLOGY

UPCOMING EVENTS

JUNE 3

HUMBER SHOWCASE 2021

JUNE 17

VIRTUAL CONVOCATION



WE WANT TO HEAR FROM YOU!

FAST NEWS recognizes and celebrates the achievements of our faculty and students. We hope you enjoy the upcoming summer season, and we look forward to hearing from you in August with stories and images for our September 2021 Issue!

Julie Pasquin

Office of the Senior Dean

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