

FAST News

April 2021

**WE ARE
FUTURE FOCUSED**

Dean's Message

Dear Colleagues,

Spring represents new beginnings and an extra hour of sunlight before day's end. This time change always makes me feel hopeful, knowing the days will grow longer and warmer. It feels especially poignant this year, as we reach the one year mark since the pandemic lockdown started. This past year, I have been inspired by the resilience of our faculty, staff and students who continue to persevere in the face of adversity including the recent xenophobia and violence against Asian people.

Our president, Chris Whitaker reminded us how COVID-19 has shown how small the world is and how closely we are all connected. We have often said that the diversity of the Humber community is one of our greatest strengths and we will continue to work together to create campuses that are equitable, diverse and inclusive for all.

Brighter days are on the horizon and we have much to celebrate. In March, we hosted our first virtual Scholarship Celebration when we recognized all of the students who have been awarded scholarships and the donors who have supported them. Valeriya Laskova, a 3rd year Interior Design student and the recipient of the Global Furniture Group Award, thanked all of the donors and acknowledged how their contribution is helping talented, hardworking students reach their academic goals. At Humber, we are only as strong as our students and I am filled with great pride for what these students have accomplished.

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We also honoured International Women's Day and participated in National Engineering Month. Profiled in this issue, we highlight our faculty, alumni and industry partners who participated in online events to provide thought-provoking perspectives on "Women in Engineering" and "Exploring New Challenges for Engineers Engaging with Sustainability in the Built Environment."

Humber's Office of Sustainability leads and supports our commitment to foster a culture of sustainability by leading by example. We highlight the latest Sustainability Spotlight that features Kerry Johnston, FAST faculty and program coordinator in Sustainable Energy and Building Technology program.

On April 22, we will celebrate Earth Day when we continue to ignite an education movement to save our planet and ensure that students benefit from high-quality education to develop into informed and engaged environmental champions.

Humber's LEED Gold Centre for Urban Ecology is home to the Humber Arboretum's educational and sustainable energy programs and are surrounded by 250 acre gardens, woodland, wildlife and ecologically diverse environments. As we welcome spring, I encourage you to get outdoors and explore the thriving natural ecosystem at the Arboretum.

Let's continue to take time for ourselves, work together to support an inclusive learning and working environment, and spark bold conversations to inspire positive change.

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

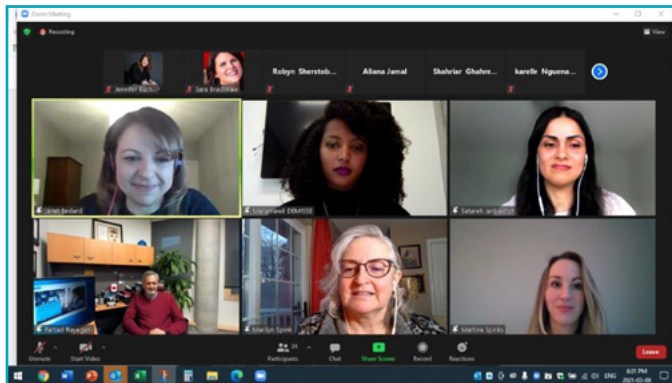
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National Engineering Month

March was National Engineering Month and Humber's FAST was a proud partner of these exciting 30 days of bold topics with industry experts. We hosted two FREE online events to spark discussion from diverse perspectives.



Women in Engineering - March 8

On International Women's Day, a panel of Humber College FAST faculty and alumni shared their insights, experiences and career journeys in celebration of "Women in Engineering." This included thought-provoking quotes: "We have a moral obligation to be a reflection of the society it serves." "Diversity of thought results in better outcomes." "Put different kinds of tools in your toolbox."

- Dr. Farzad Rayegani, Ph.D., P.Eng, FEC., Senior Dean
- Dr. Martine Spinks, PhD., MSc, BA, Associate Dean
- Dr. Setareh Janbakhsh, PhD., P.Eng, CEM
- Marilyn Spink, B.A.Sc., P.Eng., Industry Liaison
- Janet Bedard, B. Eng., MBA, Professor and Degree Program Consultant
- Maramawit Demisse, STEM Coach and Additive Manufacturing Lead Humber College Electromechanical Engineering Technology Graduate, Class of 2020



Sustainability Challenges in the Built Environment - March 22

Associate Dean, Dr. Martine Spinks, B.A., MSc. Ph.D. and Dr. Ali Hoss, PhD, P. Eng., CEM, CMVP, explored new challenges for engineers engaging with sustainability in the built environment. Dr. Spinks presented the "Circle of Blame" and both speakers discussed how the built environment has a large role to play in sustainability.

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SUSTAINABILITY SPOTLIGHT



"My interest in the natural environment and sustainability-related issues is somehow embedded in everything that I do."

Kerry Johnston,
Faculty and Program Coordinator
Sustainable Energy and Building Technology

[Read full #SustainabilitySpotlight article here >](#)

RESEARCH & INNOVATION

"Research helps us understand the fundamental human values which serve as a starting point to define evidence-based strategies for improving human lifestyle through design."

Dennis Kappen, PhD
Professor, Industrial Design

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



ARCHITECTURE IN THE CLOUDS

CALL FOR PAPERS

46th Annual Conference of the Society for the Study of Architecture
in Canada May 27-31, 2021

Professor Phil Fung has been selected as a Session Chair of the 46th Annual Conference of the Society for the Study of Architecture in Canada. As the Session Chair for "Bio-Regenerative Building Design – Built Environment Regeneration" he will review, comment, and select submitted papers to present in this conference.

Deadline to submit papers > April 18, 2021

[Read the SSAC Conference Document >](#)

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HUMBER COIL GLOBAL VIRTUAL EXCHANGE

Global learning and engagement is soaring to new heights at Humber!

We are happy to announce that Elizabeth Fenuta, Professor of Architectural Technology, is our Humber FAST COIL champion and proposals are now welcome from Humber faculty and staff for COIL initiatives to run in the 2021-2022 academic year.

Visit the newly launched Humber COIL – Global Virtual Exchange website to learn more and submit applications by April 12, 2021 to: coil@humber.ca

WHAT IS COIL?

COIL – Collaborative Online International Learning – is a dynamic form of virtual exchange that connects students with peers around the world. With COIL, full-time faculty or staff co-create an experiential learning project or module with a faculty or staff “match” at a partner institution in another region or country.

[Find out more about COIL >](#)

FACULTY OF APPLIED SCIENCES & TECHNOLOGY

UPCOMING EVENTS

April 22 - 30

VIRTUAL SKILLS COMPETITION

- Mechanical CAD
- Precision Machining Contest
- Computer Aided Manufacturing Contest
- CNC Machining Contest
- Mechatronics Contest

April 26 - 30

VIRTUAL DECOR DESIGN DILEMMA

April 30

2020 OAAAS (HUMBER) STUDENT AWARD WINNERS

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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