

York University Capstone Day Program

April 30, 2021



Land Acknowledgement

York University recognizes that many Indigenous Nations have longstanding relationships with the territories upon which York University campuses are located that precede the establishment of York University. York University acknowledges its presence on the traditional territory of many Indigenous Nations. The area known as Tkaronto has been care taken by the Anishinabek Nation, the Haudenosaunee Confederacy, and the Huron-Wendat. It is now home to many First Nation, Inuit and Métis communities. We acknowledge the current treaty holders, the Mississaugas of the Credit First Nation. This territory is subject of the Dish with One Spoon Wampum Belt Covenant, an agreement to peaceably share and care for the Great Lakes region.



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Code of Conduct

The York Capstone Network strives to provide a welcoming space that nurtures presentation skills, facilitates networking opportunities, and showcases the excellent capstone project research conducted at the University. To keep this space welcoming and to allow everyone involved to benefit, it is important that York Capstone Day be a harassment-free environment for everyone, regardless of gender, sexual orientation, gender identity, gender expression, disability, physical appearance, ethnicity, religion or other group identity.

It is imperative for all involved to remain committed to civil discourse and the free exchange and critical examination of competing ideas, concepts and disciplinary perspectives, with a fundamental respect for the dignity of all persons. Recognizing that this is a shared responsibility of all participants – students, faculty, staff and attendees – involvement in York Capstone Day requires each individual to commit to maintaining a positive environment that is safe for everyone.

About Capstone Day

York Capstone Day is a virtual showcase for and celebration of our students' creativity, innovation, tenacity, and ambition. This exciting event, sponsored by the York Capstone Network, serves as the culmination of their capstone projects, as well as their degree and university experience. It is also a pan-campus, community-building event, as it brings together hundreds of students, professors, and their on/off-campus partners into one virtual space, within which we can connect, share ideas, and imagine new ways to create impact on our world together.

About the York Capstone Network

The York Capstone Network (yorku.ca/capstone) is the place to find inspiration, support, and resources for capstone teaching and learning. We are a grassroots collective of capstone professors and staff members who work together to foster excellence in capstone teaching and learning through forging a strong community of practice. We host three types of public networking events throughout the academic year: Pitch Day (September), Capstone Cafes (Fall and Winter Terms), and Capstone Day (April). In addition, we offer every York classroom a treasure trove of partner-engaged EE projects through our pan-university Project Commons.

Pavilion Structure

We have three pavilions at today's event.



A

**C4: Cross-Campus
Capstone Classroom**



B

**Lassonde Engineering
Capstone Projects**



C

**Pan-University
Capstone Projects**

Event Schedule

A C4: Cross-Campus Capstone Classroom

8:30 - 9:00	Booth Preparation
9:00 - 10:00	Private Booth Tours
10:00 - 10:45	Panel 1 Ethics and Inclusivity
10:50 - 11:35	Panel 2 Education and Community 1
11:40 - 12:25	Panel 3 Environmental Footprint

12:25 - 13:25	INTERACTIVE LUNCH
13:25 - 14:10	Panel 4 Education and Community 2
14:15 - 15:00	Panel 5 Technology
15:00 - 16:00	Public Booth Tours
16:00 - 17:00	Awards Ceremony

B Lassonde Engineering Capstone Projects

8:30 - 9:00	Opening Ceremony
9:00 - 9:50	Panel 1 Societal Challenges
9:50-10:40	Panel 2 Space Tech Challenges
10:40-11:30	Panel 3 Medical Device Challenges
11:30-12:20	Panel 4 Automotive Challenges

12:20-13:20	INTERACTIVE LUNCH
13:20-14:10	Panel 5 Environmental Challenges
14:10-15:00	Panel 6 Mechatronics Challenges
16:00-17:00	Awards Ceremony

C Pan-University Capstone Projects

8:30 - 9:00	Booth Preparation
9:00 - 10:00	Private Booth Tours

12:25 - 13:25	INTERACTIVE LUNCH
15:00 - 16:00	Public Booth Tours
16:00 - 17:00	Awards Ceremony

Pan-Campus Pavilion Participants

PSYCH 4080 (Health)
Professor Juie Conder

Paige Rice
Stefania Vomiero

DATT/EECS 4700 (AMPD/ENG)
Professor Joel Ong

Rongyi Liao
Hao Xu

CLTR 3150 (LAPS)
Professor Carolyn Steele

Team C35

FILM 4101 (AMPD)
Professor Taien Ng-Chan

Anna Tkachenko

SOCI 4000 (LAPS)
Professor Michael Nijhawan

Natalie Nanton
Shahrzad Rahbarnia

DANC 4400 (AMPD)
Professor Danielle Robinson

Kristin McCarney
Natalie Leggett
Jocelyn Vilneff
Rowen McBride-Pilon

ILST 4275 (Glendon)
Professor Sabine Dreher

Nicolas Cabal

Panel Overview: C4



10:00 - 10:45
Panel 1: Ethics and Inclusivity

Teams:
2L, 3W, 1G, 3U

[Click to view panel](#)

10:50 - 11:35
Panel 2: Education and Community (1)

Teams:
3R, 2M, 3T, 3V

[Click to view panel](#)

11:40 - 12:25
Panel 3: Environmental Footprint

Teams:
1C, 1E, 1F, 3X, 3Y

[Click to view panel](#)

13:25 - 14:10
Panel 4: Education and Community (2)

Teams:
1D, 2J, 2Q, 3S

[Click to view panel](#)

14:15 - 15:00
Panel 5: Technology

Teams:
1A, 1B, 3Z, 2K

[Click to view panel](#)

Panel Overview: Lassonde Engineering Capstone Projects



9:00 - 9:50 Panel 1: Societal Challenges	9:50-10:40 Panel 2: Space Challenges	10:40 - 11:30 Panel 3: Medical Challenges
Teams A, J, P, Q , R, N	Teams B, D, E, F, U, V	Teams C, S, T, W, AF
<u>Click to view panel</u>	<u>Click to view panel</u>	<u>Click to view panel</u>
11:30 - 12:20 Panel 4: Automotive Challenges	14:10 - 15:00 Panel 5: Environmental Challenges	14:10 - 15:00 Panel 6: Mechatronic Challenges
Teams G, G2, H, I	Teams AA, O, X, AD, AE, Z	Teams AB, AC, K, L, M, Y
<u>Click to view panel</u>	<u>Click to view panel</u>	<u>Click to view panel</u>



Interactive Lunch Hour

12:25 - 13:25

Room1

Scavenger hunt

[Click to Join Room](#)

Room2

Quiet room

[Click to Join Room](#)

Room3

Music and Movement

[Click to Join Room](#)

Room4

Student lounge

[Click to Join Room](#)

Room5

Networking space

[Click to Join Room](#)

Room6

Lunch room

[Click to Join Room](#)

Room7

Summer C4
Meet and Greet

[Click to Join Room](#)



York Capstone Network Awards

YCN Outstanding Communication Award(s)

Granted to one group (and/or individual) competing in the York University Capstone Competition. The award will be presented to the team whose project conveys their ideas with exceptional clarity, creativity and with a thorough understanding of the needs of their key stakeholders.

YCN Outstanding Collaboration Award(s)

Granted to one group (and/or individual) competing in the York University Capstone Competition. The award will be presented to the team whose project exhibits outstanding collaboration between academic disciplines.

YCN High Impact Award(s)

Granted to one group (and/or individual) competing in the York University Capstone Competition. The award will be presented to the team whose project exhibits the greatest potential to demonstrate a long-term, positive impact for stakeholders and society as a whole.

YCN Outstanding Communication Award(s)

Granted to one group (and/or individual) competing in the York University Capstone Competition. The award will be presented to the team whose project conveys their ideas with exceptional clarity, creativity and with a thorough understanding of the needs of their key stakeholders.



C4 Awards



The Golden Whisk Award (Best Project Overall)

This will be awarded to a project that is a standout through “out of the box” thinking and best reflects core C4 values.

The TEAMwork Award (Together Everyone Achieves More!)

This award recognizes a team whose strength lies in its ability to come together to successfully address their project challenge (the project “deliverable” may be secondary to this focus).

The Butterfly Award (Greatest Metamorphosis)

This will be awarded to a team and to an individual that, through reflection on their collective or individual journey, identifies as having gone through a significant transformation.



Lassonde Awards



PEO Award (Professional Engineers of Ontario)

Created, developed, and promoted product or project with the greatest commercial potential

Engineering Capstone Prize

Project or project with potential to positively impact human well-being with maximum, immediate benefit

B.E.S.T. Technology Impact Prize

Innovativeness or impact in addressing an important societal issue and the likelihood of the project being implemented

Awards Ceremony

16:00 - 16:05	Welcome
16:10 - 16:20	C4 Awards
16:20 - 16:30	Lassonde Awards
16:30 - 16:45	York Capstone Network Awards
16:45 - 16:50	Crowd Favourite Award
16:50 - 16:55	Closing Remarks

[Click here to join Awards Ceremony.](#)

Special Thanks

The York Capstone Network would like to thank the following major supporters:

Academic Innovation Fund

YU Experience Hub

York University Faculty Association

Lassonde School of Engineering

Office of AVP Teaching and Learning

York University Libraries

Faculty of Environmental and Urban Change

Career Centre

Teaching Commons

York University Events and Ceremonies

CEWIL: Co-operative Education and Work-Integrated Learning Canada

Faculty of Liberal Arts and Professional Studies



York Capstone Network Pathways to Involvement

1

Join the York
Capstone Network

2

Participate in Our
Capstone Cafes

3

Propose a
Challenge for the
Project Commons

4

Join Our
Pan-Campus
Mentor Bank

5

Sponsor a York
Capstone Day
Award



Check out:
yorku.ca/capstone

Help, Resources, and Technical Support

Click here to access the York Capstone Day Zoom booth for Tech Support!

Thank you!

