2025 Undergraduate Summer Research Information Session

NSERC USRA and LURA

LASSONDE SCHOOL OF ENGINEERING | YORK U

Information Sessions

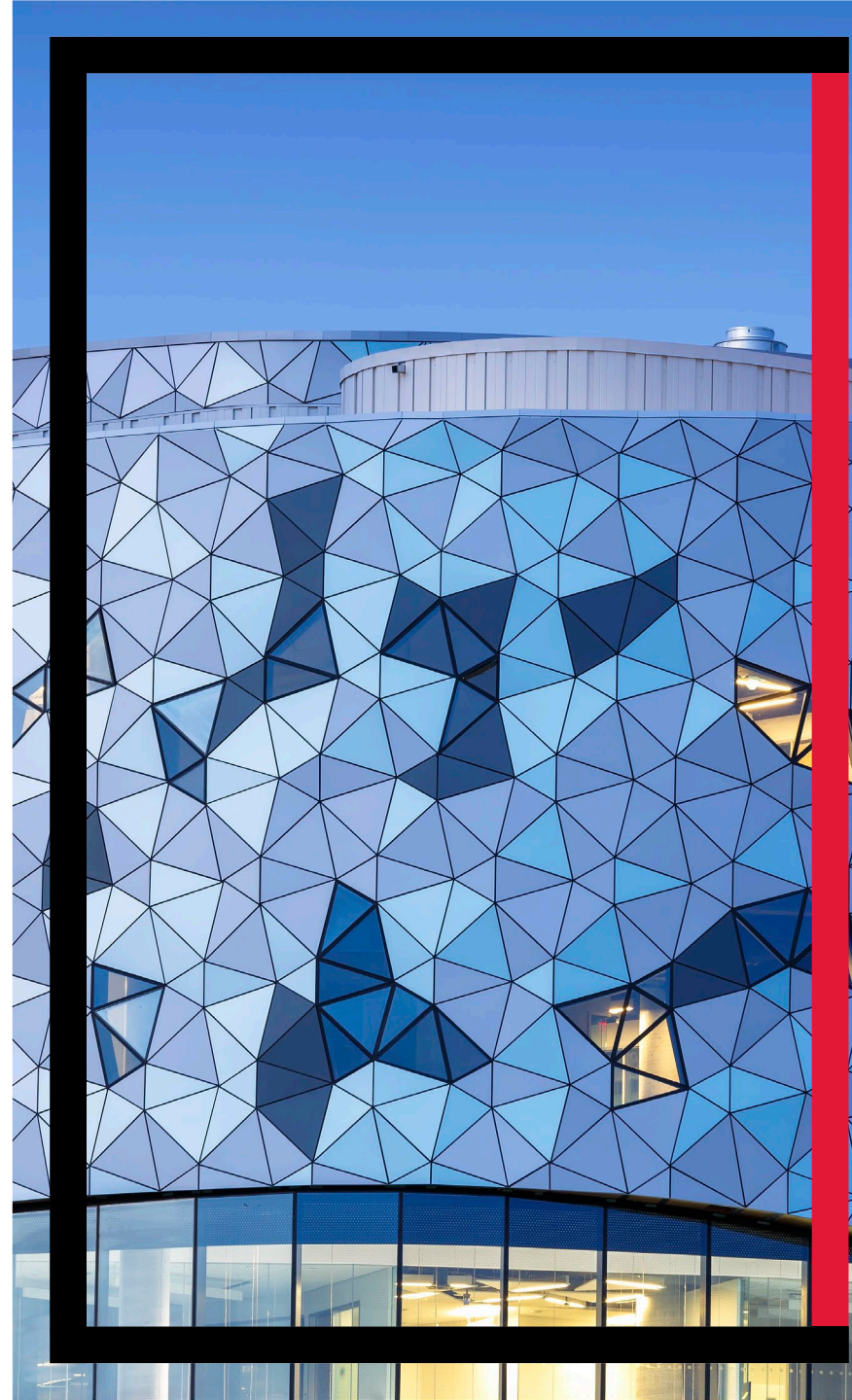**Information sessions**

- February 6, 2025 - 2 pm - 3 pm, Zoom

Drop-In sessions

Zoom links on Lassonde Webpage.

- January 30, 2025, 2 pm – 3 pm, Zoom
- February 13, 2025, 11 am – 12 pm, Zoom

Contact
- General email – resday@yorku.ca

WHAT ARE THESE AWARDS

NSERC USRA

- Natural Science and Engineering Research Council of Canada Undergraduate Student Research Award
- 19 Awards
- Unlimited number of positions for eligible Indigenous with a number of extra positions (2) for black-identifying students who meet the qualifications

LURA

- Lassonde Undergraduate Research Award
- 45 awards available
- Upto 9 International

The awards provide students a stipend of **$10,000** to work with a professor for **16 weeks (full-time)** on a summer research project.
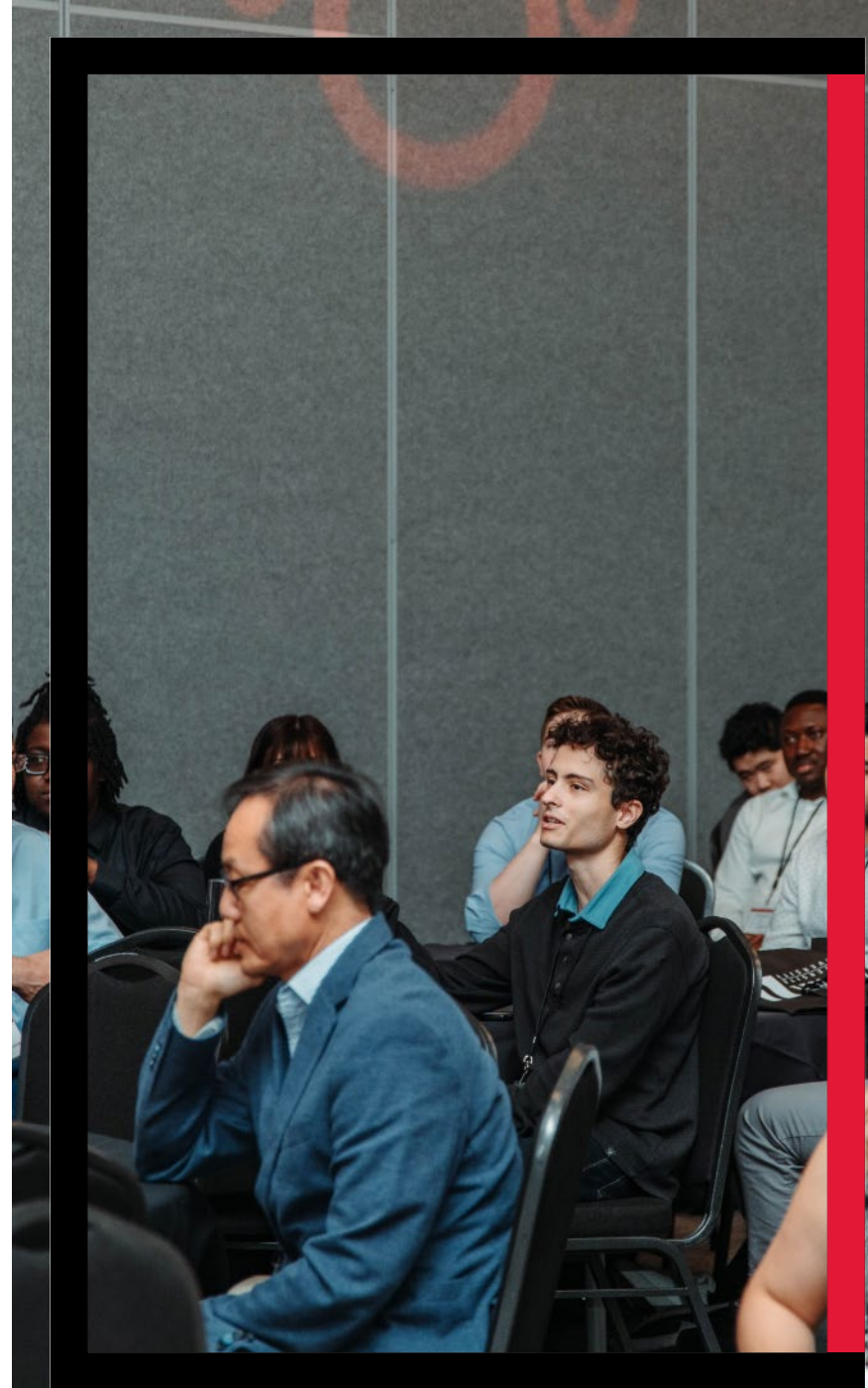
LASSONDE | YORK U
SCHOOL OF ENGINEERING

Summer Undergraduate Research Conference

> All students are required to present at the annual Lassonde Undergraduate Research Conference
  - August 14, 2025 (tentative)
  - >100 undergraduate student participants (LURA, NSERC USRA, Mitacs globalink, Research assistants, etc.)
  - Network with Faculty members

Oral Presentations

Poster Presentations

Learn more: https://lassonde.yorku.ca/research/lassonde-undergraduate-research-2022

Why would I do summer research?

- Explore research
- Gain hands-on experience and develop new skills
- Learn about graduate school
- Establish relationships with professors and students
  - Reference letters from Professors
- Build your resume and get job experience related to your major
- Get CO-OP jobs!

LASSONDE SCHOOL OF ENGINEERING | YORK U

STUDENT EXPERIENCE

Student Experience

> [Sebastian's Journey](#)

> [Showcasing future trailblazers: Lassonde hosts annual Undergraduate Summer Research Conference](#)

> [Conference Gallery](#)

I am Interested in Applying, am I Eligible?

NSERC USRA

To be eligible to apply for an award, you must

> be a Canadian citizen/permanent resident of Canada as of the deadline date for applications at the institution

> be registered, as of the deadline date for applications at the institution, in a full- time bachelor's degree program in Natural Science and Engineering at an eligible institution

> completed all course requirements of at least 1 year of study at time of award

> have obtained, over the previous years of study, a "B-" cumulative average

In addition...

> if you already hold a bachelor's degree and are studying toward a second bachelor's degree, you may still apply for this award

> you may hold only one USRA per fiscal year (April 1 to March 31)

> you may hold a maximum of three USRAs throughout your undergraduate university career

LASSONDE
SCHOOL OF ENGINEERING | YORK U

NSERC USRA

To hold an award, you must

> have completed all the course requirements of at least the first year of university study (or two academic terms) of your bachelor's degree

> have been registered at the time of application and in at least one of the two terms immediately before holding the award in a bachelor's degree program at an eligible institution

> not have started a program of graduate studies in the natural sciences or engineering at any time

> must be working full-time in eligible research and development activities in the natural sciences or engineering during the tenure of the award

LURA

To apply you must:

❯ Be a Canadian citizen/permanent resident of Canada, or an International Student (upto 9 awards)

❯ All full-time undergraduate students who meet the requirements for the project (as determined by professors) and Lassonde graduate school programs

❯ 1 year completed by the time of the award is preferred

❯ not have started a program of graduate studies in the natural sciences or engineering at any time

❯ Students may not enroll in more than two (2) three-credit courses during the tenure of the award.

- **Applicants are requested to discuss this with their potential supervisor prior to endorsement.**

LASSONDE SCHOOL OF ENGINEERING | YORK U

NEW THIS YEAR

> Only undergraduate students enrolled full-time in an undergraduate program that will make them eligible to apply to one of the Lassonde graduate programs will be considered for the LURA award.

> Mid-term Check-ins and performance evaluations for supervisors and students will be conducted.

> Poor performance by the students during the summer program will impact future applications of the students.

> Student attendance at the conference is obligatory. Lack of attendance will disqualify students from future competitions.

> Students are not permitted to hold RAY, work-study, or other research positions within York in tandem with the summer research awards.

Lassonde Co-op

❯ Both USRA and LURA can count as Co-op for eligible students

❯ Contact the Co-op office for more information
   • lsecoop@lassonde.yorku.ca.

❯ More information about Co-op can be found on their website
   • https://lassonde.yorku.ca/co-op/

HOW DO I APPLY?

What are the application steps?

1. Find a professor and a project

Project Postings – Visit our website to see > 60 positions posted

Search for professors on the Lassonde Faculty webpage.

2. Contact supervisor and get their endorsement

Deadline for professors to confirm support is February 13, 2025

Supervisor Endorsement Form signed

3. Submit the application online

Deadline is February 18, 2025 by 9 am

Guidelines

Use Fluidreview to apply **(You only need to submit one application for both awards!)**

1) **2025 Lassonde Undergraduate Research**

- **Top section:**
- Application Timeline
- Competition details, guidelines, and instructions

- **Bottom Section:**
- Browse Projects

SUPERVISOR ENDORSEMENT FORM

Undergraduate Research Programs

...eds ...be completed and signed by the supervisor (i.e. professor). ...e st
...ed form with the application in FluidReview.

...gu...elines for student eligibility and application criteria.

...re...h out to resday@yorku.ca

...ervisor:

...me...of Supervisor: | Civil Engineering |

...dent endorsed:

...rch...rm:

...Sur...er

...Fal...inter

...nit...inancially support the student for the following awards (Che...all
...s on...e financial obligation of the supervisor can be found in the "...mo

...LU
NSERC USRA

2) Find a Host Supervisor

- Reach out to a professor to convey your interest in working for them before submitting.
- Email etiquette
- Attach resume and unofficial transcript, or at least have it ready at this stage.
- A supervisor must endorse you for a position prior to submitting on FluidReview!
- Fill out the Supervisor Endorsement Form and have it signed.
- Can reach out to 2 or 3 professors, but remember you can only obtain and submit one endorsement form (i.e. choose one project)

LASSONDE SCHOOL OF ENGINEERING | YORK U

What documents do I need to apply?

🪪	**Application on Fluidreview** Contact details
🪪	Self-Identification Survey (Optional)
✓	Supervisor Endorsement Form
📄	Resume (2 pg. max)
"	Research Interest Statement (1 pg.)
📚	Transcript

LASSONDE SCHOOL OF ENGINEERING | YORK U

3) How do I submit my application?

- [FluidReview](#)
  Register for an account -
  - Start application to "LURA USRA Competition 2025"
  - Upload all documents to FluidReview
  - General Information
    - *Contact Details*
    - *Self-Identification Form (Voluntary)*
  - Supervisor Endorsement Form
  - Research Interest Statement
  - Resume
  - Transcript

Undergraduate Summer Research Awards Program 2025

Summer Research Award Programs 2025

The LURA and NSERC USRA programs are designed to enhance the undergraduate student experience by providing an opportunity to conduct research within the Lassonde School of Engineering. These two programs are administrated by the Lassonde Research Support Office (RSO) with the assistance of the departments.

Value:
Total award value: $10,000
This award is not dependent on the student's financial need. Full details are available on our website.

NSERC USRA Indigenous and Black Student Initiative

NSERC encourages qualified Indigenous and Black students to apply to this program by supporting an unlimited number of positions for eligible Indigenous candidates with a number of extra positions for black-identifying students. The Indigenous and Black student USRA awards are adjudicated alongside the NSERC USRA awards.

For details on eligibility and requirements, visit our website. Applicants are encouraged to review FAQs for answers to their questions.

For questions, reach out to the Research Support Office at resday@yorku.ca.

APPLY
Opens
2025 Jan 10 02:00 PM (EST)
Deadline
2025 Feb 18 09:00 AM (EST)

- **NSERC forms 202 will not be used at this stage**
  Students and supervisors awarded an NSERC USRA will be asked to fill out NSERC forms at a later stage.

What documents do I need to apply?

❯ **Supervisor Endorsement Form**
- Each professor will fill out and sign this form for every student they host.

❯ Available online

❯ *Quality of the training environment*
- Professors will complete this to identify your proposed training, mentorship/supervision, activities, technical skills, and other aspects.

❯ *Graduate Recruitment Plan*

SUPERVISOR ENDORSEMENT FORM

Undergraduate Research Programs
_____

This form needs to be completed and signed by the supervisor (i.e. professor). The student needs to upload the completed form with the application in FluidReview.

Read program guidelines for student eligibility and application criteria.

For questions, reach out to resday@yorku.ca

1. Name of Supervisor:

2. Department of Supervisor: Civil Engineering ▾

3. Name of Student endorsed:

4. Research Term:
   ○ Summer
   ○ Fall/Winter

5. I commit to financially support the student for the following awards (Check all that apply). Details on the financial obligation of the supervisor can be found in the "Memo to Faculty".
   ☐ LURA
   ☐ NSERC USRA

6. Title of the research project the student will be contributing to

What documents do I need to apply?

Resume

❯ Contact information

❯ Education

- High school, college, university

❯ Work experience

❯ Volunteer experience

❯ Skills

- Link to the project; Add anything unique!

❯ Clubs, activities, roles

❯ Awards

❯ Publications or posters

Tips!
- Highlight your research and/or academic achievement
- Consider highlighting how you used 'soft skills' in your non-research work experience (e.g. communication, teamwork, flexibility, etc.)
- Check spelling and grammar

LASSONDE SCHOOL OF ENGINEERING | YORK U

What documents do I need to apply?

Research Interest Statement (1 pg.)

> Past experience (laboratory or course-related)

> Skills you bring to the project

> Why you are interested in the project or topic, working with the professor, and/or research in general

> What you plan to learn from the experience

> Future plans

Tips!
- Avoid repeating your resume
- Try to use formal language
- Check spelling and grammar

LASSONDE SCHOOL OF ENGINEERING | YORK U

What documents do I need to apply?

Transcripts

❯ **All students** must upload unofficial transcripts

❯ **Non-York students** also need to provide official transcripts to the Lassonde School of Engineering Dean's Office

- Consult with the Registrar's Office at your institution for ordering options
- Contact our general inbox (resday@yorku.ca) for more information
- MyCreds.ca

Students Awarded a USRA

❯ Students awarded an NSERC USRA may need to provide official [transcripts](#) to NSERC at a later date.
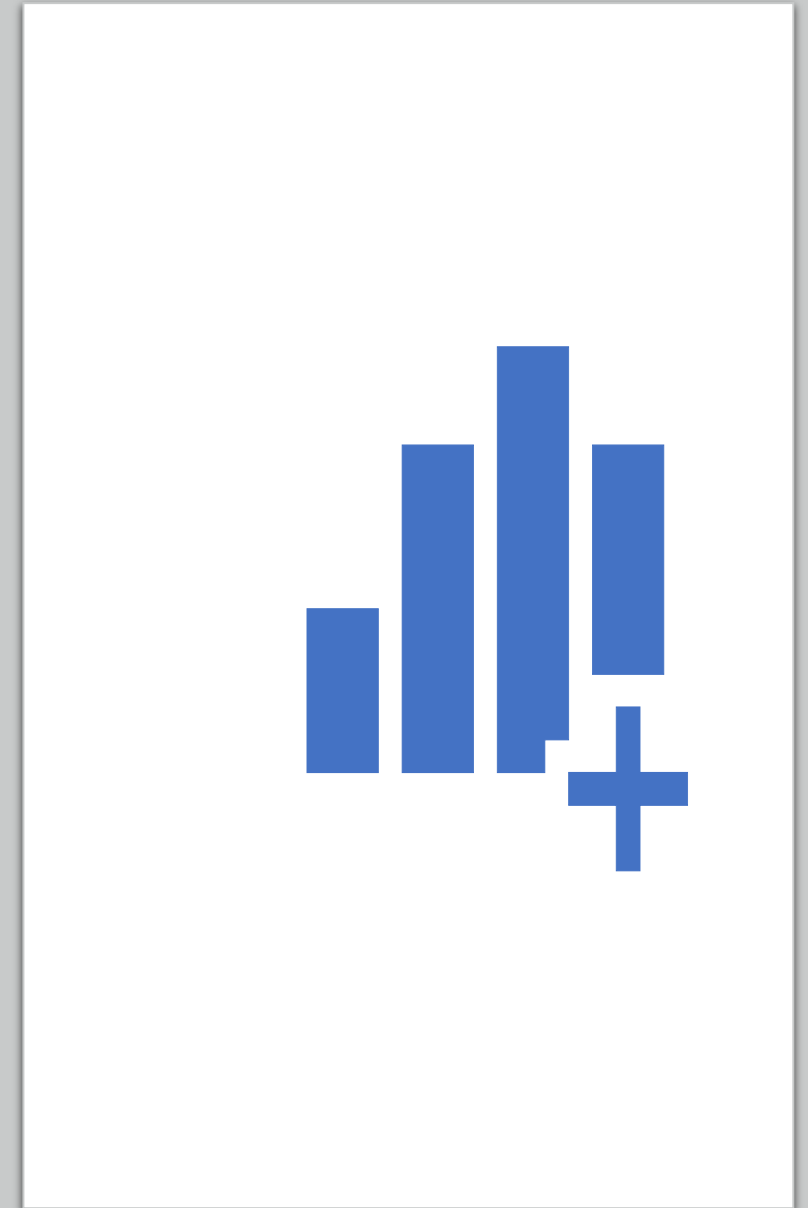
How will my application be assessed?

- *Applications will be reviewed by departmental committees with support from the Dean's office.*

- **Criteria include:**
  - 50% cumulative GPA
  - 30% Research Potential

    - based on research interest statement and resume
  - (NEW) 20% Supervisor Endorsement

    - based on a good graduate recruitment and summer research learning plan

  Results will be sent by end of March Accept or Reject within 2 weeks

ANTICIPATED TIMELINE

February 13, 2025

- Students MUST have obtained a signed [supervisor endorsement form](#) from the supervisor (to be attached to the student application form)

February 18, 2025, by 9 am

- **Application Deadline**-Last day to apply to award(s)

March 17-21, 2025

Award results will be announced

May-August, 2025

- Awards will be held (16 mandatory weeks)

August 14, 2025

- Mandatory participation in the Lassonde Undergraduate Summer Student Research Conference
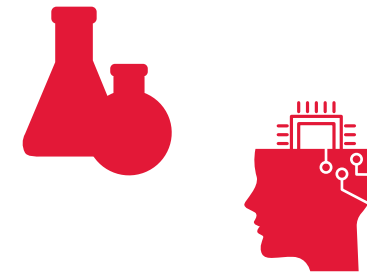
Applying to another Faculty?

- **Many faculties at York University (or elsewhere) host NSERC USRA or other summer research students**

- Faculty of Science
  - Stuart Macgregor: smac1@yorku.ca
  - Joanne Sequeira: sequeira@yorku.ca
- Faculty of Health (contact Department directly)
- Kinesiology and Health Science (KAHS): ugkhs@yorku.ca
- Global Health (GLBH): sgh@yorku.ca
- Psychology (PSYC): psyc@yorku.ca
- School of Health Policy and Management (SHPM): shpm@yorku.ca
- Nursing (NURS): nursing@yorku.ca

2025 Faculty of Science NSERC USRA Competition

FSc. USRA 2025 Information session	February 3, 2025, 1:00 – 2:30 PM via Zoom
Applications due by	February 24th 2025
Contact	sciapps@yorku.ca

Gain summer research experience working in a Faculty of Science professor's lab!

- 16-week summer internship with $9,632 in funding
- **21** NSERC USRAs available to FSc. students
- **3** NSERC USRAs available for self-identified Black FSc students
- Projects available in Biology, Chemistry, Physics and Math

Learn more → https://www.yorku.ca/science/research/nserc-usras-summer-2025/

science | YORK U

Questions?