



2024 Undergraduate Summer Research **Information Session**

USRA and LURA

 LASSONDE | YORK U
SCHOOL OF ENGINEERING

Information Sessions

Information sessions

- ~~January 16, 2024 - 11 am - 12 pm, BRG 125~~
- February 7, 2024 - 6 pm - 7 pm, Zoom

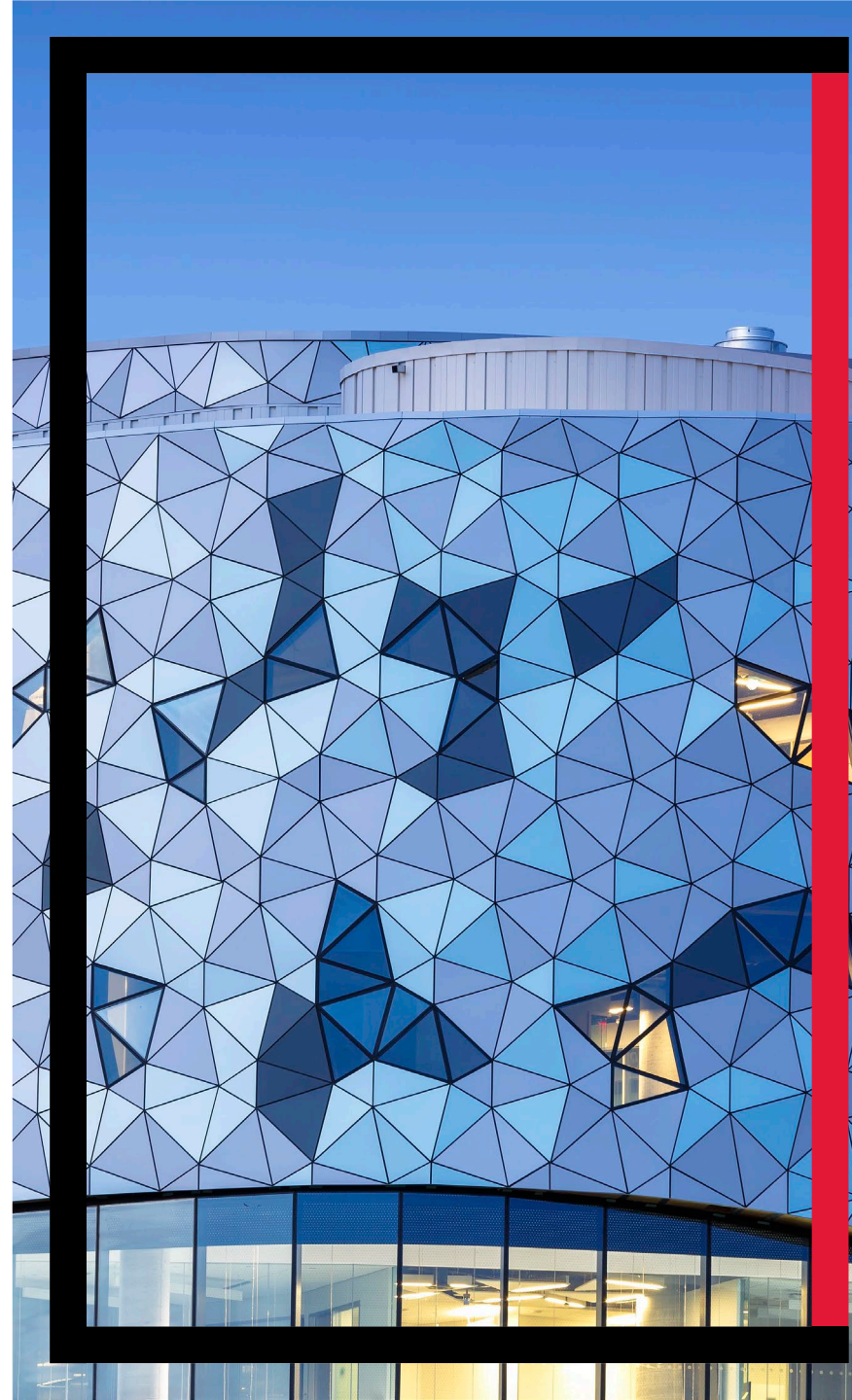
Drop-In sessions

Zoom links on Lassonde [Webpage](#).

- ~~January 30, 2024, 2 pm – 3 pm, Zoom~~
- February 13, 2024, 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
- Up to 19 Awards
- Unlimited positions for Indigenous and black identifying Students who meet the qualifications

LURA

- Lassonde Undergraduate Research Award
- 45 awards available

The awards provide students a stipend of **\$10,000** to work with a professor for **16 weeks (full-time)** on a summer research project.

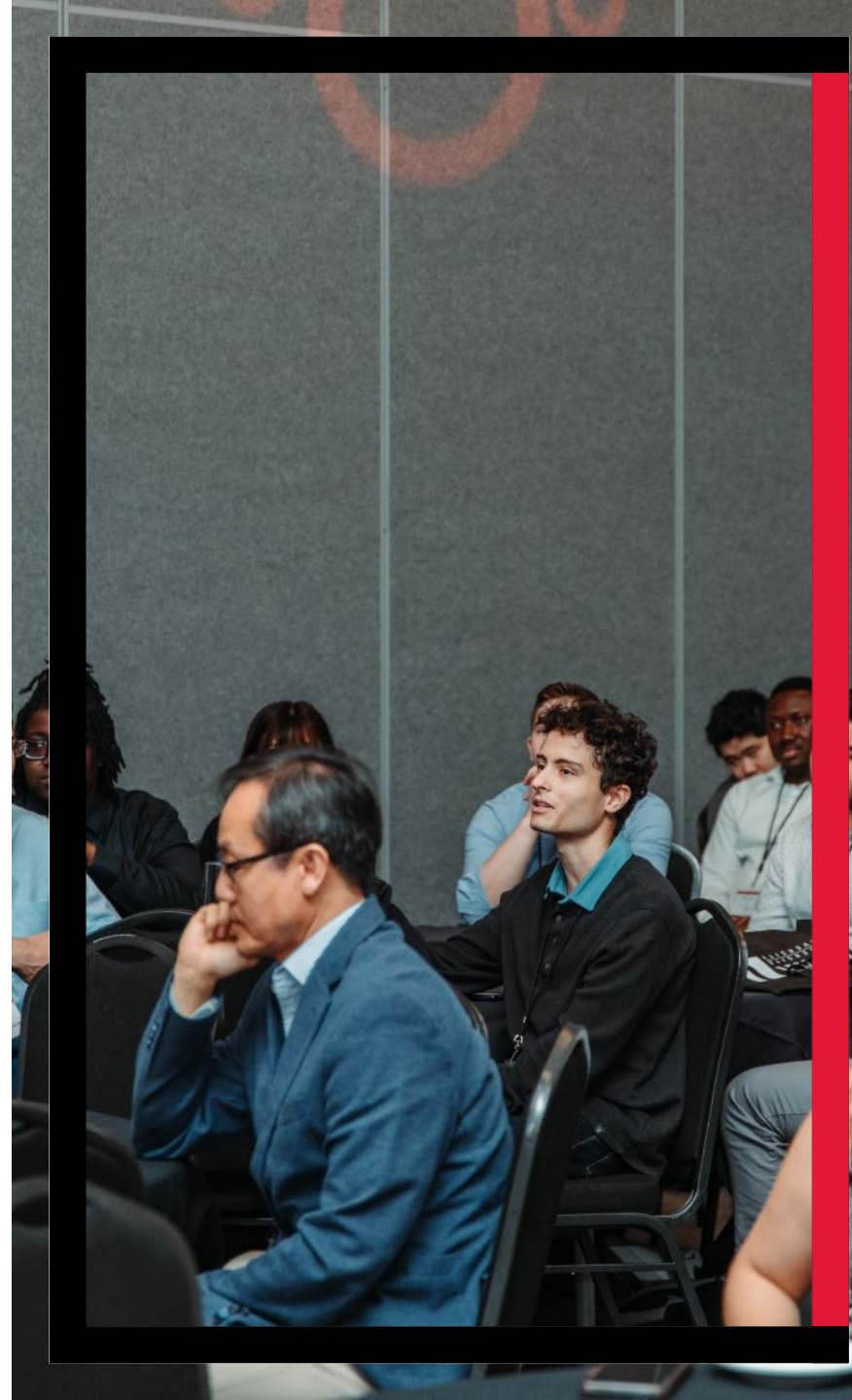
Summer Undergraduate Research Conference

- All students are **required** to present at the annual Lassonde Undergraduate Research Conference
 - August 15, 2024
 - >100 undergraduate student participants (LURA, NSERC USRA, Mitacs globalink, Research assistants, etc.)
 - Network with Faculty members

Oral Presentations



Poster Presentations



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!

Learn more: <https://lassonde.yorku.ca/research>

A student in a red shirt is standing and presenting to a group of three students seated at a table in a modern classroom. The student is pointing towards a whiteboard on the left. The whiteboard has the word "COLLISION" written on it. The classroom features large windows, modern lighting, and multiple monitors displaying data. The text "STUDENT EXPERIENCE" is overlaid in the center of the image.

STUDENT EXPERIENCE

Student Experience

- [Pina's Journey](#)
- [A summer of research: Lassonde undergraduate researchers present their innovative work](#)
- [Conference Gallery](#)

Undergraduate Summer Research
Lassonde School of Engineering - 12 / 13

- Update**
Lassonde School of Engineering
0:51
- Yedidja's Final Updates on the LURA Program**
Lassonde School of Engineering
0:42
- Pranav's Final Updates on the USRA Program**
Lassonde School of Engineering
1:24
- Ian's Final Updates on the LURA Program**
Lassonde School of Engineering
1:08
- Pina's Final Updates on the LURA Program**
Lassonde School of Engineering
1:05

“

Before taking part in the undergraduate research program, I thought I would go to industry right after finishing school. After working in a research environment, I realized how much I enjoy coming up with my own ideas and applying them to real-world problems. Now I see the joys and benefits of graduate school. It was really motivating to work in a space where everyone was trying their best. I enjoyed collaborating with [PACS lab](#) members and learning from students who are experts in their field.

”

- Prabjot Dhaliwal, Computer Science student supervised by Hamzah Khezai

A man in a red t-shirt and blue jeans stands on the left side of a modern meeting room, presenting to a group of people. He is positioned in front of a large whiteboard that has the word "COLLISION" written on it in blue marker. The room features a long, light-colored table with several laptops open on it. Three people are seated at the table, facing the presenter. The room has a high ceiling with recessed lighting and a dark grey wall. The overall atmosphere is professional and collaborative.

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 bachelor's degree program** at an eligible institution
- 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

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
- be **engaged on a full-time basis in 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**
- All full-time undergraduate students who meet the requirements for the project (as determined by professors)
- 1 year completed by the time of the award is preferred
- Students may not enroll in more than **two (2) three-credit courses** during the tenure of the award.
 - **Applicants are encouraged to discuss this with their potential supervisor prior to endorsement.**

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://coop.lassonde.yorku.ca/>



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, 2024

Supervisor Endorsement Form signed



3. Submit the application online

Deadline is February 15, 2024

[Guidelines](#)

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

1) 2024 Lassonde Undergraduate Research

- **Top section:**
 - Application Timeline
 - Competition details, guidelines, and instructions
- **Bottom Section:**
 - Browse Projects

USRA and USRA Research at Lassonde

2024 PROJECTS COMING SOON!

APPLICATION TIMELINE

Exploring New Frontiers of Knowledge

Looking to grow and develop your skills this summer while working on large research projects and getting hands-on experience? Lassonde has a competition for two awards that will let you do just that:



YORK UNIVERSITY

LURA and NSERC USRA - Summer 2024

SUPERVISOR ENDORSEMENT FORM

completed and signed by the supervisor (i.e. professor) and attached to the application form with the application in FluidReview.

Name):

Student Name):

LURA

USRA

*Check the box(es) that apply. See the eligibility and cost

Date Signed:

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)

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

3) How do I submit my application?

- [FluidReview](#)
 - Register for an account -
- Start application to “LURA USRA Competition 2024”
- Upload all documents to FluidReview
 - General Information
 - *Contact Details*
 - *Self-Identification Form (Voluntary)*
 - Supervisor Endorsement Form
 - Research Interest Statement
 - Resume
 - Transcript

LURA/USRA Competition - Summer 2024

The Lassonde School of Engineering is accepting applications for the Lassonde Undergraduate Research Award (LURA) and NSERC Undergraduate Research Award (USRA) for Summer 2024.

For complete competition guidelines, visit our website -

<https://lassonde.yorku.ca/research/lura-and-usra-research-at-lassonde>

What is required?

- Contact Details
- Resume (2 pg. maximum)
- Research Interest Statement (1 pg.)
 - Provide examples of both your research interests and any previous

Opens
2024 Jan 10 12:00 AM (EST)

Deadline
2024 Feb 15 11:59 PM (EST)

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.
- 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.



LURA and NSERC USRA - Summer 2024

SUPERVISOR ENDORSEMENT FORM

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.

Professor (Supervisor Name):

Agrees to Support (Student Name):

In application for*:

LURA

USRA

*Check the box(es) that apply. See the table on page 2 for eligibility and cost

Title of Project:

Professor Signature

Date Signed

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

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

What documents do I need to apply?

Transcripts

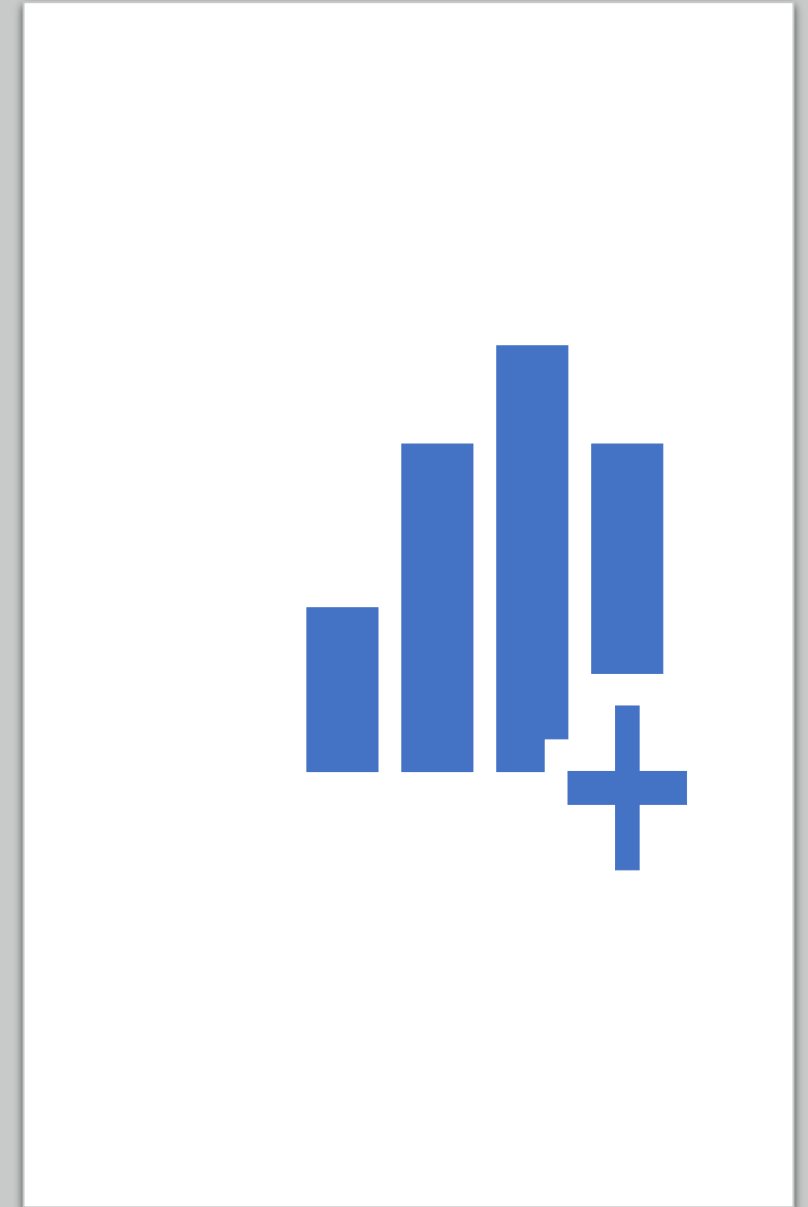
- **All students** must upload unofficial transcripts
- **Non-York students** also need to provide official transcripts to the Lassonde School of Engineering Dean's Office
 - Consult with the Registrar's Office at your institution for ordering options
 - Contact our general inbox (resday@yorku.ca) for more information
 - MyCreds.ca

Students Awarded a USRA

- Students awarded an NSERC USRA will need to provide official transcripts to NSERC at a later date.

How will my application be assessed?

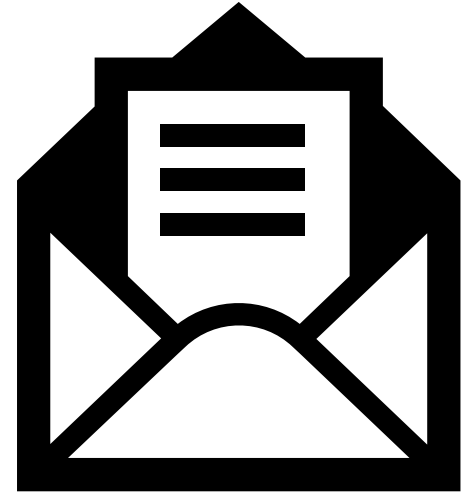
- **Applications will be reviewed by an adjudication committee**
- **Criteria include:**
 - GPA – 60%
 - Research Potential – 30%
 - motivation
 - Research Potential
 - preparation
 - prior research experience including labs and team projects
 - fit/career goals
 - ability to work in a team environment
 - Communication – 10%
 - well-written application
 - complete and clear, well-thought-out
- **Results will be sent by end of March**
- **Accept or Reject within 2 weeks**



Applying to another Faculty?

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

- Faculty of Science
 - Stuart Macgregor: mac1@yorku.ca
 - Joanne Sequeira: sequeira@yorku.ca
- Faculty of Health (contact Department directly)
- Kinesiology and Health Science (KAHS): ugkhs@yorku.ca
- Global Health (GLBH): sgl@yorku.ca
- Psychology (PSYC): psyc@yorku.ca
- School of Health Policy and Management (SHPM): shpm@yorku.ca
- Nursing (NURS): nursing@yorku.ca



Faculty of Science (FSc) – 2024 NSERC/CIHR USRA Information

Program Launch	Late January 2024
Information and Q&A Session	February 6, 2024
Application Deadline for Students	February 27, 2024
Award Announcement	Early-Mid April 2024
Award Duration	April 29, 2024 – August 16, 2024

COMING SOON:

2024 WEBSITE: <https://www.yorku.ca/science/research/usra-summer-2024/>

- Will be operational upon program launch and will contain:
 - Eligibility Requirements
 - Application Instructions and Relevant Timelines
 - List of available FSc Supervisors and Research Project Summaries
 - Recording of Feb. 6, 2024 Info Session and Q&A

Please continue to check [FSc's Research Info for Trainees](#) for additional USRA details to be posted as soon as available.