



**2023**  
**Undergraduate**  
**Summer Research**  
**Information**  
**Session**

USRA and LURA



# Meet the Research Support Team at Lassonde



**MAGDALENA KROL**

AD of Research,  
Innovation,  
Enterprise, and  
Partnerships

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**PAULINA  
KARWOWSKA-  
DESAULNIERS**

Director, Research  
Partnerships &  
Priorities

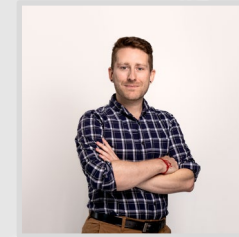
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**SOMA TRIPATHI**

Research Officer

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**NICHOLAS  
RIDDICK**

Research  
Analyst/Officer

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**SOSAN NASAR**

Administrative  
Assistant

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## **GUEST**



**EMMA BRESIL**

2022 Summer  
Research Program  
Participant

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# Information Sessions

## Information sessions

- January 17, 2022 - 11 am - 12 pm, BRG 125
- February 6, 2022 - 6 pm - 7 pm, Zoom

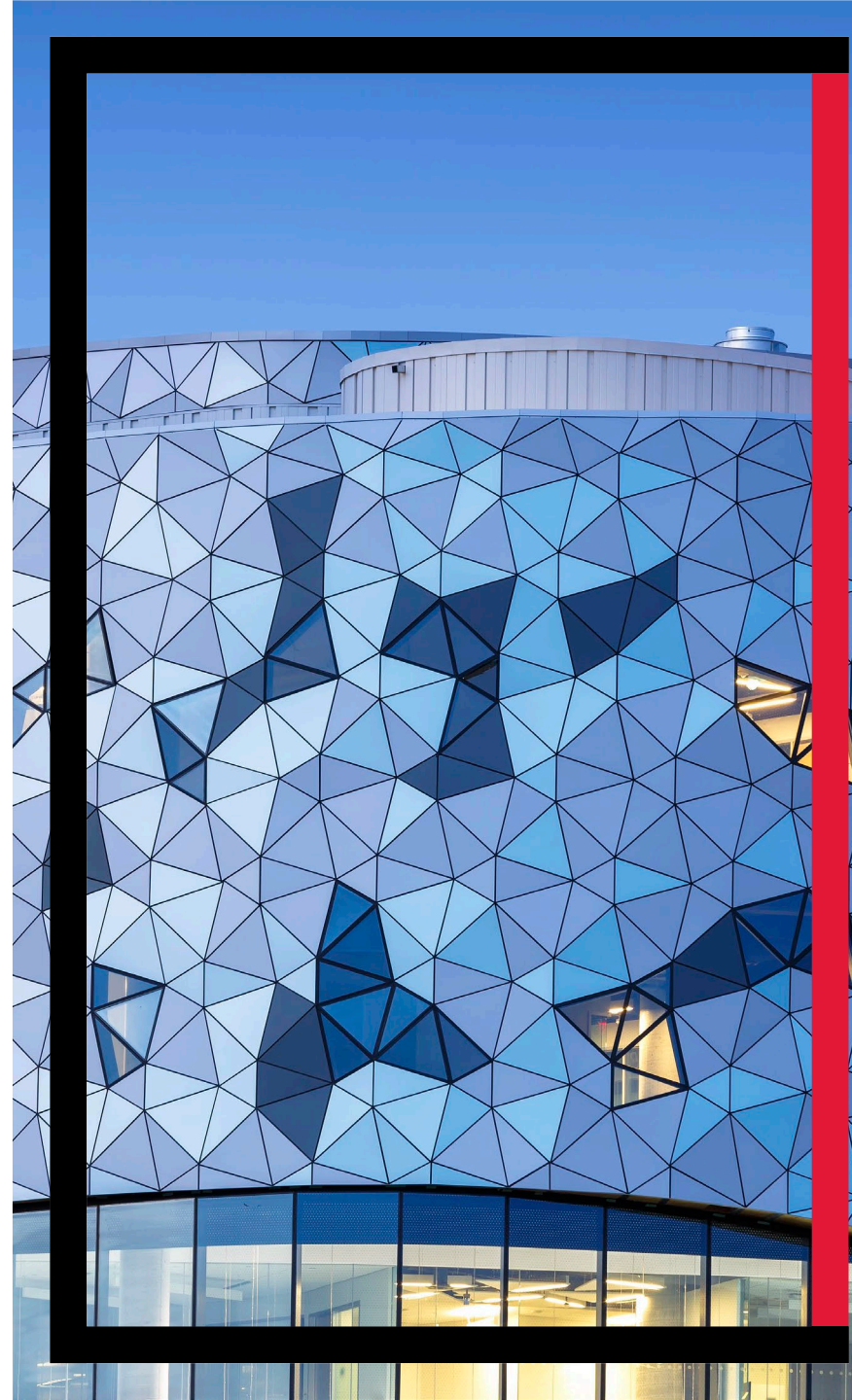
## Drop-In sessions

*Zoom links on Lassonde [Webpage](#).*

- January 26, 2023, 2 pm – 3 pm, Zoom
- February 13, 2023, 9 am – 10 am, Zoom

## Contact

- General email – [resday@yorku.ca](mailto:resday@yorku.ca)







**WHAT ARE THESE AWARDS**



## NSERC USRA

- Natural Science and Engineering Research Council of Canada Undergraduate Student Research Award
- Up to 18 Awards (TBC)
- Unlimited positions for Indigenous and black identifying Students who meet the qualifications

## LURA

- Lassonde Undergraduate Research Award
- 45 awards available + 1st year Co-op Women in Engineering (must be enrolled in this pilot)

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

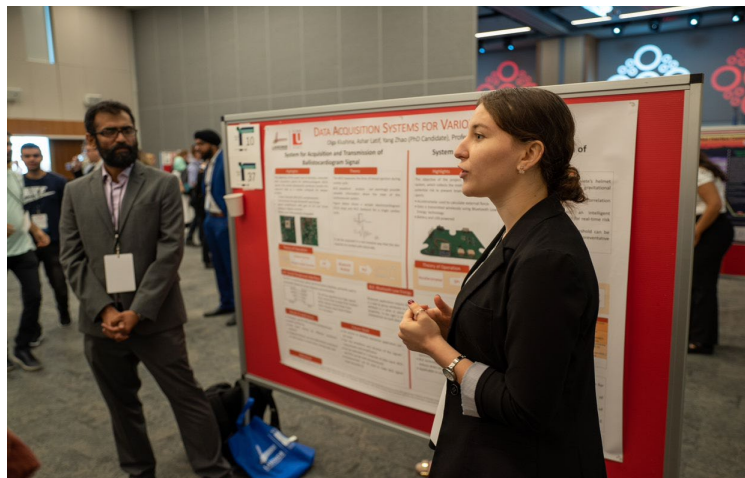
# Summer Undergraduate Research Conference

- All students are **required** to present at the annual Lassonde Undergraduate Research Conference
  - End of Summer 2023 (Week of August 14 TBC)
  - >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
- Build your resume and get job experience related to your major

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



“

The experience was nothing short of phenomenal; my supervisor was able to piece together a virtual, collaborative environment between myself and the other summer researchers.

Four months of working alongside a team and being able to play off each other's strengths, allowed for me to put together a cohesive body of work in time for the end-of-summer research conference.

I loved this experience so much that I decided to propel my project forward during the 20/21 academic year as a LURA student!

”

- Rashiq Shahad, Mechanical Engineering student supervised by Cuiying Jian



A student in a red shirt is standing and presenting to a group of three other students seated at a table. The room is a modern classroom or meeting space with whiteboards, laptops, and blue chairs. The text "STUDENT EXPERIENCE" is overlaid in the center.

# STUDENT EXPERIENCE

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 wooden table with several laptops open on it. Three other 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
  - Exemption: 1st Year Co-op Women in Engineering
- 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](mailto: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, 2023

Supervisor Endorsement Form signed



## 3. Submit the application online

**Deadline is February 15, 2023**

[Guidelines](#)

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



# 1) 2023 Lasonde Undergraduate Research

## Top section:

- Application Timeline
- Competition details, guidelines, and instructions

## Bottom Section:

- Browse Projects



BROWSE PROJECTS

APPLICATION TIMELINE

## Exploring New Frontiers of Knowledge

Are you looking to grow and develop your research skills this summer while working on cutting-edge research projects and getting paid? Lasonde has a competition for two specific awards that will let you do just that:

1. NSERC USRA
2. LURA



## LURA and NSERC USRA - Summer 2023 SUPERVISOR ENDORSEMENT FORM

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

Supervisor Name):

Student Name):

- LURA \*Check the box(es) that apply. See the table for eligibility and cost
- USRA
- First Year Co-op for Women in Engineering

Signature:

Date Signed

Quality of the training to be received - NSERC is recommending universities ensure  
the quality of training received by the students is of top quality. Please use the space below to describe the  
training (mentorship/supervision, what activities the student will participate in, what skills  
will be developed, and any other outcomes). The departmental evaluation committee  
will use this statement to assess eligibility of the training environment.

## 2) Find a Host Supervisor

- You will have to reach out to a professors to convey your interest in working for them prior to making a submission.
- A supervisor must endorse you for a position **prior to submitting on FluidReview!**
- Fill out Supervisor Endorsement Form and have it signed.



## LURA and NSERC USRA - Summer 2023 SUPERVISOR ENDORSEMENT FORM

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

Supervisor Name):

Support Student Name):

- LURA
- USRA
- First Year Co-op for Women in Engineering

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

t:

Date Signed

Quality of the training to be received - NSERC is recommending universities ensure  
received by the students is of top quality. Please use the space below to describe  
training (mentorship/supervision, what activities the student will participate in,  
skills to be developed, and any other outcomes). The departmental evaluation  
will use this statement to assess eligibility of the training environment.

## 2) Find a Host Supervisor

- Proper email communication with the professor is critical
- Email etiquette
- Suggest attaching your resume and unofficial transcript, or at least have it ready at this stage
- 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 to I submit my application?

- [FluidReview](#)
  - Register for an account -
- Start application to “LURA USRA Competition 2023”
- 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 2023

The Lassonde School of Engineering is accepting applications for the Lassonde Undergraduate Research Award (LURA) and NSERC Undergraduate Research Award (USRA) for Summer 2023.

For complete competition guidelines, visit our website - <https://lassonde.yorku.ca/research/lura-and-usra-research-at-lassonde>

**APPLY**

Opens  
2023 Jan 13 12:00 AM (EST)

Deadline  
2023 Feb 15 11:59 PM (EST)

What is required?

- Contact Details
- Resume (2 pg. maximum)
- Research Interest Statement (1 pg.)
  - Provide examples of both your research interests and any previous experience with research projects either course-based or in a lab. You can include reasons for wanting to participate in a research project, as well as your future aspirations and career plans.
- Supervisor Endorsement Form



# 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 2023  
**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 \*Check the box(es) that apply. See the table on page 2 for eligibility and cost  
 USRA  
 First Year Co-op for Women in Engineering

Title of Project:

\_\_\_\_\_  
Professor Signature

Date Signed

**Expected quality of the training to be received** - NSERC is recommending universities ensure that the training received by the students is of top quality. Please use the space below to briefly describe the proposed training (mentorship/supervision, what activities the student will participate in, what technical skills will be developed, and any other outcomes). The departmental evaluation committees will use this statement to assess eligibility of the training environment.

# 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](mailto:resday@yorku.ca)) for more information

## 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%
  - Communication – 10%
- **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](mailto:mac1@yorku.ca)
  - Joanne Sequeira: [sequeira@yorku.ca](mailto:sequeira@yorku.ca)
- Faculty of Health (contact Department directly)
- Kinesiology and Health Science (KAHS): [ugkhs@yorku.ca](mailto:ugkhs@yorku.ca)
- Global Health (GLBH): [sgl@yorku.ca](mailto:sgl@yorku.ca)
- Psychology (PSYC): [psyc@yorku.ca](mailto:psyc@yorku.ca)
- School of Health Policy and Management (SHPM): [shpm@yorku.ca](mailto:shpm@yorku.ca)
- Nursing (NURS): [nursing@yorku.ca](mailto:nursing@yorku.ca)





# Awards in the Faculty of Science

To apply and browse available projects, please visit:

- 16 ENURAs (Earle Nessman Undergraduate Research Awards) will be offered in addition to the USRAs.
- For more information, students should email Stuart Macgregor ([smac1@yorku.ca](mailto:smac1@yorku.ca)) or Joanne Sequeira ([sequeira@yorku.ca](mailto:sequeira@yorku.ca))

## Information Session

**Wednesday, February 1<sup>st</sup>, 2023 at 1:30 pm via zoom**

<https://yorku.zoom.us/j/92681625241?pwd=YXZibVB2bGpYdU5kYzVVNGlUQTd0dz09>

**Meeting ID:** 926 8162 5241

**Passcode:** 777138

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