



RESEARCH AND VOLUNTEER OPPORTUNITIES

September 20, 2023
5:30 pm

WHO ARE WE?

- Taline Apelian-Sutor

- 2nd-year Biology student
- Peer Mentor
- taline22@my.yorku.ca

- Radoslaw Staskiewicz

- 4th-year Physics student
- Peer Mentor
- radicice@my.yorku.ca

- Maheen Hemani

- 4th-year Astrophysics student
- Peer Mentor
- msh12@my.yorku.ca

Our Volunteer and Research Experiences

Taline

- Peer Mentor
- Class Representative
- Science Student Caucus
- Undergraduate Research
 - York Science Scholars Award
 - Indiciu Research Competition
- Science Student Ambassador

Our Volunteer and Research Experiences

Radoslaw

- Peer Mentor
- Class Representative

Our Volunteer and Research Experiences

Maheen

- Peer Mentor
- Observatory and Laboratory Assistant (Work-Study)
- Undergraduate Research
 - Research At York (RAY position)
 - EXPLORE (Experiential Learning Opportunity through Research and Exchange)
- Member of the Astronomy club
- York Observatory Volunteer

AGENDA

- Volunteer Opportunities at York
- Unpaid/Volunteer Research Opportunities
- Hospital Volunteering/Research
- Paid Opportunities
- Recreational Opportunities

Volunteer Opportunities at York



Student Ombuds Services (SOS)

- Peer Mentor (PM)
- Peer Tutoring (PT)
 - <https://www.yorku.ca/colleges/bethune/get-involved/volunteer-positions/peer-tutor-recruitment/>
- Peer-Assisted Study Sessions (PASS)
- Class Representatives (CR)

<http://bethune.yorku.ca/sos/>

Bethune College Council (BCC)

- Elections in October for two First-Year reps as well as any vacant positions
- General elections in March for all other positions (President, VP, External, VP Athletics, and four General Members)
- Office: 122 Norman Bethune College (In the basement across from JCR)
- <https://www.bethunedragons.ca>
- Instagram: @bethunecollege

York Federation of Students (YFS)

- YFS organizes popular events like York Fest, Frost Week, Multicultural week
- RedPack : Volunteer Program run by YFS
 - Events Teams, Campaigns & Equity Team, Wellness Team
- Wellness centre

Office Location:

336 Student Centre

Mon-Fri, 10am-6pm

<http://www.yfs.ca/redpack>

Student Community and Leadership Development (SCLD)

- SCLD <https://www.yorku.ca/sclد/join-our-team/>
 - Assist students with their transition into university life and to ensure their continued growth and engagement throughout their time at the university
- RedZone <http://redzone.sclد.yorku.ca/>
 - At the RED Zone, students are welcomed by student ambassadors who will be able to answer any questions about York and connect them to on-campus resources

YUConnect

- York's hub for co-curricular activities
- Click the organizations tab to browse through over 500 clubs at York

<https://yorku.campuslabs.ca/engage/>

YU c**o**nnect

Let's Highlight Some Clubs!

Chemistry Society

csygram

46 Posts 851 Followers 261 Following

Chemistry Society @ YorkU
Science, Technology & Engineering
Welcome to CSY! We host various chemistry-related events, and sell lab coats/goggles & chem merch
IMPORTANT: WE HAVE SOLD OUT ON XS/ S/M LAB COATS!
linktr.ee/CSY_YorkU and 1 other
Followed by min_mxo, suha.nasir and 5 others

Follow Message Email

EXECS PPE INFO Halloween... KAHOOT NI... URO 2022

Astronomy Club

acyuatyork

153 Posts 403 Followers 45 Following

Astronomy Club York University
York University's one-and-only Astronomy Club: for all your astronomical desires.
We're back with new events and updates for 2023-2024 academic year!
Followed by _camila_guzman03, tina_ml_ and 14 others

Following Message Email

ACYU Events 2020ACYU...

Breaking Stigmas

brstigmaz.yu

52 Posts 353 Followers 98 Following

Breaking Stigmas at YorkU
Nonprofit organization
Mental health & wellness awareness backed up by biochemical and neurological pathways
linktr.ee/breakingstigmas and 1 other
Followed by that.unilife, min_mxo and 4 others

Follow Message

STUDY TIPS & MOTIVATION

Association For Research Placement

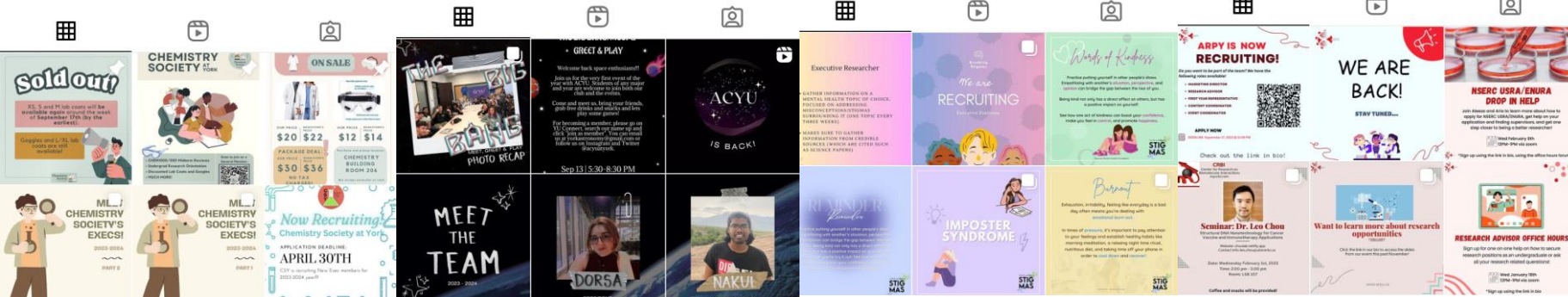
yorku_arpy

70 Posts 790 Followers 89 Following

ARPY
College & university
Association For Research Placement at York University
linktr.ee/yorkarpy and 1 other
Followed by maheensukaina, bethunecollege and 4 others

Follow Message Email

Q&A Membership Announcem... Events Features





stemfellowshipyorku



29 likes

stemfellowshipyorku Indicium Mentee Applications are now open! The Application is available in our bio!

View 1 comment

November 24, 2022



stemfellowshipyorku



263
Posts

1,290
Followers

1,065
Following

STEM Fellowship at York University

College & university

@yorkuniversity STEM Fellowship Chapter

non-profit organization committed to engaging and empowering the leaders in STEM of tomorrow

linktr.ee/stemfellowshipyorku2022



Followed by yorkuscix, yorkuscience and 5 others

Follow

Message



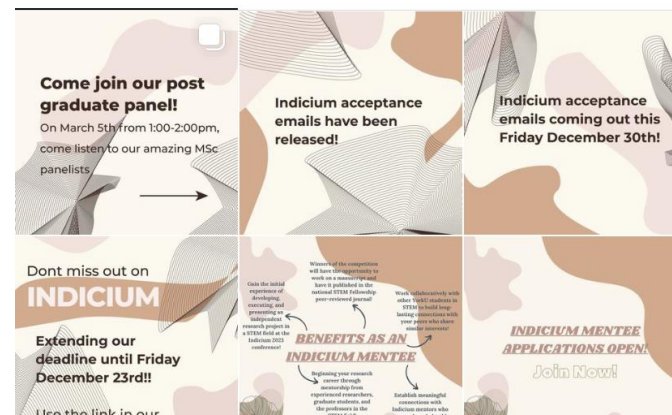
Indicium 23



IG Takeovers



Indicium





yorkuobservatory

...



York University

Allan I. Carswell Observatory

ATRIUM TOUR
Wednesday, September 20th
8:00 pm ET

Location: Roof of William Small Center
(Arboretum parking garage)



Note: Weather
dependent event

Scan to register

[View insights](#)

[Boost post](#)



Liked by [stuart.heggie](#) and 18 others

[yorkuobservatory](#) We are back with an Atrium tour night! 🌟

🌟 ... more

22 hours ago

yorkuobservatory



80
Posts

499
Followers

45
Following

Allan I. Carswell Observatory
[Observatory](#)

- Allan I Carswell Observatory located at York University 🇨🇦
- Housing a 1-metre telescope 🔭
- In person and online events!

www.yorku.ca/science/observatory

Professional dashboard

776 accounts reached in the last 30 days.

Edit profile

Share profile



AIR



In-person e...



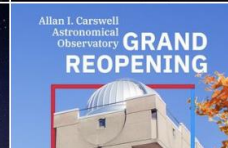
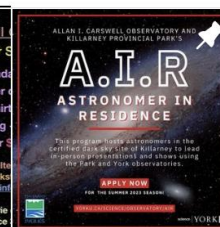
Merch 🌟



Online events



Tour captu...



Unpaid/Volunteer Research



Volunteering for a professor

- Opportunities available depend on the Professor
- Check with each professor individually (via email or in-person)
- Be persistent
- Don't give up easily (you will likely get many “no”s before you finally get a “yes”)
- Be professional and courteous when you email them Note: Ecology-based labs usually advertise for volunteers in class

PHYSICS/ASTRONOMY PROJECT

PHYS 4310 3.0

- Fall/Winter/Summer terms available
- Open to students in the final year of
 - Physics, Applied Physics Astronomy streams of an Honours Physics and Astronomy program.
- 1 term: 3 credits
- Example of project areas:
 - Atomic physics
 - Biophysics
 - Computational electromagnetism

Links:

<https://w2prod.sis.yorku.ca/Apps/WebObjects/cdm.woa/8/wo/QRnzE25O1MdRSQmFsAdqLg/2.3.10.8.3.51.0.5>

https://www.yorku.ca/science/physics/wp-content/uploads/sites/188/2023/03/PHAS_Handbook-FW-2023-2024-2023-07-05-update.pdf

Experiential Learning Opportunity through Research and Exchange (EXPLORE)

PHYS 3600 3.0

- Opportunity to Collaborate with an international research team
- Admittance to the course is by application only
- Offered as a year course
- Open to all undergraduate and MSc students (even outside of Physics and Astronomy!)
- 3 credit course
- Research themes:
 - Theoretical and/or computational physics
 - Astrophysics
 - Biophysics

Links:

<https://w2prod.sis.yorku.ca/Apps/WebObjects/cdm.woa/6/wo/C5bXEaZzoRs7vqjTHGSTTg/8.3.10.8.3.31.0.5>

https://www.yorku.ca/science/physics/wp-content/uploads/sites/188/2023/03/PHAS_Handbook-FW-2023-2024-2023-07-05-update.pdf

APPROACHING/EMAILING PROFS

- See Faculty profiles for a description of their research and their contact information → <https://www.arpy.ca/>
- Familiarize yourself with their research and choose a prof whose line of research/techniques genuinely interests you!
- Approach professors through email, class, or office hours
- Be courteous and prepare to market yourself
- Show the professor that you really have an interest in their research (read a few of their most recent papers)

Sample Email

Dear [REDACTED]

I am an undergraduate student at York University completing a double major in psychology and biology. I will be starting my fourth year in September 2015 and would like to do my honours thesis. After volunteering in a Biology research lab for the past year and [REDACTED] realized that my research interests lie in the [REDACTED]

[REDACTED] I found that your research on [REDACTED]

[REDACTED] was particularly

interesting. Furthermore, I find it appealing that [REDACTED]

[REDACTED]. On that note, I would like to inquire whether you are currently accepting honours thesis students for the 2015/2016 year. If so, I was wondering if you would be available anytime next week to discuss this possibility?

I would like to mention that I have previous research experience [REDACTED]

[REDACTED] My psychology GPA is [REDACTED] I have attached my unofficial transcript and resume for your consideration. I have also attached a writing sample I submitted as an assignment for the course PSYC 3260 Cognition. Thank you in advance for your consideration and I look forward to hearing from you.

Kind regards,

Ontario Universities Program in Field Biology

- Gain experience through field-based learning and research, and fulfill your interest in the natural world
- Research fields are located around the world (Costa Rica, Brazil, Bahamas etc.)
- Application found on website <http://www.oupfb.ca/>
- York: <https://www.yorku.ca/science/biology/course/field-courses/>

Dr. Dawn Bazely dbazely@yorku.ca
Ms. Patty Lindsay patlind@yorku.ca

416-736-2100 X 20109
416-736-2100 X 33770



Independent Study/Honors Thesis

Biology, Kinesiology, Chemistry, and Psychology Departments

- Each department requires the student to be in the respective Honours program and to have completed >84 credits
- Biology: Biology Major GPA of at least 6.0
 - 3.0 or 8.0 credits
- Psychology: PSYC 1010, 2030, 2020 OR 2021/2022
- Chemistry: no other specific requirements
- Kinesiology: no other specific requirements

Arrange project details with professor

Grading system is determined beforehand with professor

Look early! (Nov/Dec/Jan of the year before)

<http://science.yorku.ca/biology/faculty-research/>

Research Practicum

- Biology and Chemistry (Research Experience Term)
- Can be taken during any year/semester of study
- Taken part time while taking courses (5~10 hours/week)

ZERO CREDITS (PASS/FAIL) ON TRANSCRIPT

- Must make arrangements with professor before enrolling
- Submit personal essay/report on your work at the end of practicum

GREAT WAY TO GET YOUR FOOT IN THE DOOR!

NSERC USRA, ENURA, and DURA

Natural Sciences and Engineering Council of Canada

Summer research assistant studentships for undergraduate students

Application deadline is in Feb 2023 (TBD) so you must find a professor well before this deadline

Pay: \$8,400 (\$6,000 from NSERC + \$2,400 from your supervisor and faculty)

Application package includes forms + Research Statement + Transcript

At York, students can apply for NSERC starting summer of 1st year

https://www.nserc-crsng.gc.ca/Students-Etudiants/UG-PC/USRA-BRPC_eng.asp

NSERC INFORMATION SEMINAR

- Stay tuned for the Faculty of Science NSERC information session... likely in early February
- Presentation slides from 2023:
<https://www.yorku.ca/science/wp-content/uploads/sites/31/2023/02/FSc-NSERC-USRA-ENURA-2023-InfoSession.pdf>



YORK FINANCIAL AID EMPLOYMENT

RAY (Research At York): Eligible undergraduate students will have the opportunity to participate in research projects with faculty members and/or fellow students, while receiving compensation at a competitive rate

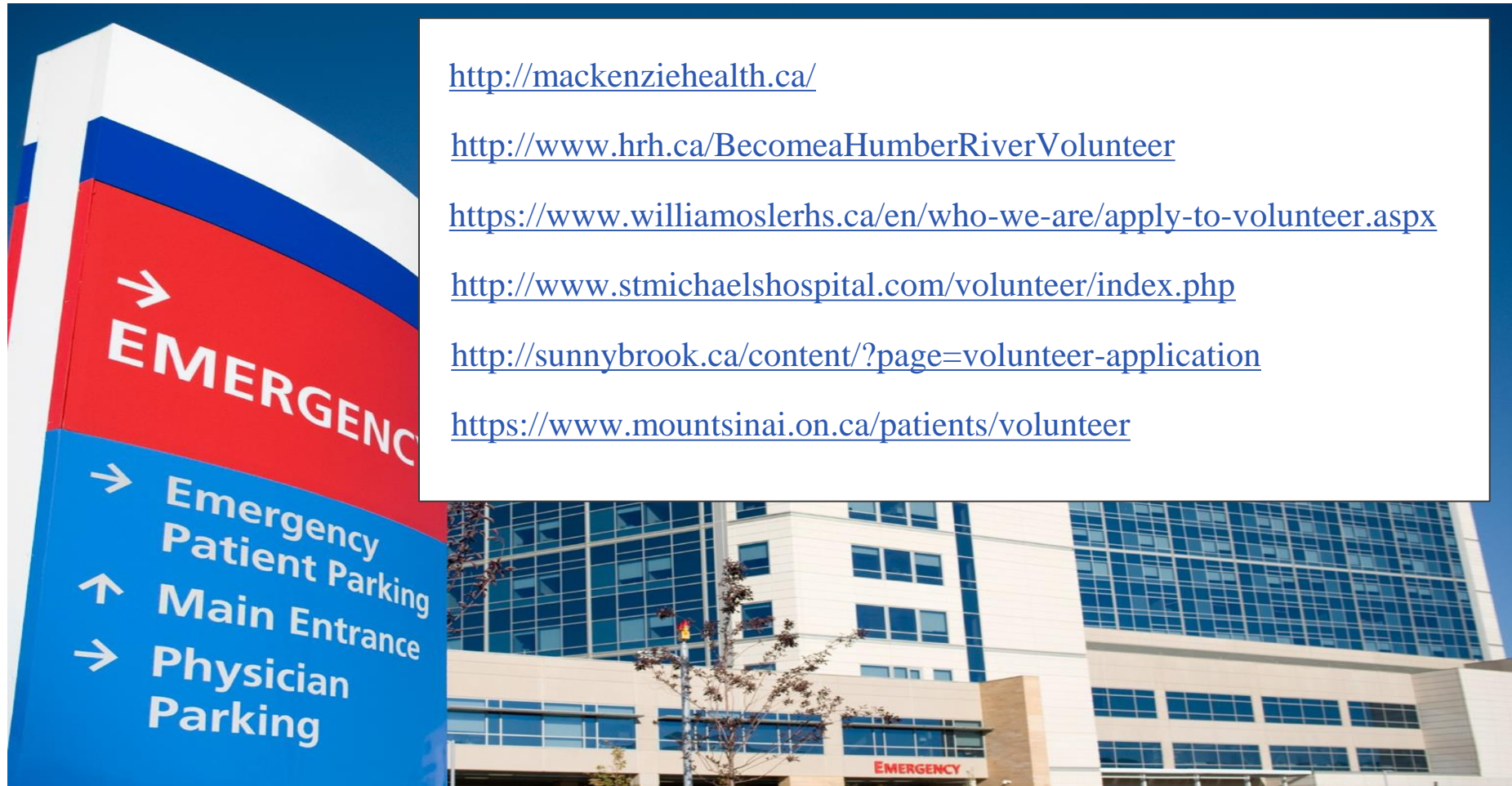
Work Study: On-campus part-time job opportunities for eligible full-time undergraduate students. Provide support to their relevant department/faculty in clerical, administrative and technical capacities.

Leadership Engagement & Ambassadorship Program (LEAP) supports high profile contributions and engagement activities on campus that are focused on such things as peer mentoring, ambassadorship and advising. Ex. YU Start Leader, Student Recruitment Ambassadors and Peer Educators/Mentors.

<https://experience.yorku.ca/home/home.htm>

<https://sfs.yorku.ca/work-study-programs>

Volunteering at a Hospital



<http://mackenziehealth.ca/>

<http://www.hrh.ca/BecomeaHumberRiverVolunteer>

<https://www.williamoslerhs.ca/en/who-we-are/apply-to-volunteer.aspx>

<http://www.stmichaelshospital.com/volunteer/index.php>

<http://sunnybrook.ca/content/?page=volunteer-application>

<https://www.mountsinai.on.ca/patients/volunteer>

Recreational Opportunities



Recreational Activities



THE OFFICIAL SITE OF YORK UNIVERSITY ATHLETICS & RECREATION

YORK LIONS

[Sign Up](#)[Log In](#)

Group Fitness



Lifestyle Programs



Aquatics



First Aid Certification Courses



Fusion IM



Fitness & Lifestyle Certifications &
Courses



Child and Youth Programs



Personal Training and Nutrition
Services



Sport Clubs



Pride Shop Online



Varsity Tryouts



Drop In Recreation



NEWS

TWEETS



Intramurals

York Torch: Intramural championship for which York Colleges compete

Three Levels:

- Group A – Competitive
- Group B – Semi-competitive
- Group C – Recreational

Register through IMLeagues or Bethune Athletic Committee

<https://www.imleagues.com/spa/account/registration>

<https://yorkulions.ca/sports/intramurals>

YORK U LIONS

INTRAMURAL ASSISTANT: Provide administrative support with statistics, standings, rules, points, staff training and evaluation.

INTRAMURAL CONVENOR: Hiring, training and scheduling of officials, participant identification verification, player eligibility, field/court inspection and equipment inventory as well as appropriate incident management and reporting.

INTRAMURAL OFFICIALS/REFEREES: Ball Hockey, Basketball, Broomball, Cricket, Flag Football, Futsal, Handball, Innertube Basketball, Innertube Water Polo, Rugby, Soccer, Volleyball

Note: These positions are part of the Work/Study program

<http://www.yorkulions.ca/index.aspx>



SUMMARY

- There are plenty of opportunities available
- Use the time now to get your resume, cover letters and reference letters ready
- Start searching for projects that interest you
- Approach professors early to see if they have positions available
- Try to get good grades!