

RESEARCH AND VOLUNTEER OPPORTUNITIES

January 20, 2021
5:30pm

WHO ARE WE?

- Anuja Dua
 - 4th year Biomedical Science student
 - Peer Mentor
 - anujadua@my.yorku.ca
- Sakina Hussain
 - 4th year Biomedical Science student
 - Peer Mentor
 - sakina52@my.yorku.ca
- Atena
 - 3rd year Honours General Science student
 - Peer Mentor
 - abazarga@my.yorku.ca

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)
- 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

Student Community and Leadership Development (SCLD)

- SCLD <https://www.yorku.ca/scld/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

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/getinvolved/>

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 cOⁿnect

Let's Talk Science

- Canada wide organization focused on educating children and youth through hands-on activities to improve their understanding of science, math and technology
- Classroom Visits
 - Volunteers typically go to schools during a class period and do hands-on/minds-on activity with students
 - Virtual outreach
- Community Visits
 - Community groups, libraries, summer camps, etc.
- <http://outreach.letstalkscience.ca/yorku.html>

Unpaid/Volunteer Research



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/>

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

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



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!

PHYSICS/ASTRONOMY PROJECT

PHYS 4310 3.0

- Fall/Winter/Summer terms available
- Usually taken when in fourth year
- Example of project areas:
 - Atomic physics
 - Biophysics
 - Computational electromagnetism

<http://www.yorku.ca/marko/PHYS4310/index.htm>

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: BIOL 3100; 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)

Volunteering in a Lab

- 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

APPROACHING/EMAILING PROFS

- See Faculty profiles for a description of their research and their contact information
- 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,

Volunteering at a Hospital



Volunteering at a Hospital

<http://mackenziehealth.ca/>

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

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

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

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

Virtual Career Fair - Winter 2021

January 21, 2021

Time - 10AM - 3PM

Location: Online

REGISTRATION REQUIRED for Students and New Grads.



NSERC

Natural Sciences and Engineering Council of Canada

Offers summer research assistant studentships for undergraduate students: NSERC USRA

Application deadline is February 21. 2020 so you must find a professor well before this deadline

Pay: \$7850 over 16 weeks + 25% co-pay from university

You can do NSERC at any university, don't feel limited to York University

At York, students can apply for NSERC starting summer of 2nd year

<http://www.nserc-crsng.gc.ca/>

NSERC INFORMATION SEMINAR

- Faculty of Science NSERC information session
 - <https://science.apps01.yorku.ca/machform/view.php?id=294565>
 - Register through link above for the Summer NSERC/USRA Info session held on **Friday, Jan. 22 at 9:00 am**
 - Presentation slides from last year:

<https://science.yorku.ca/files/2020/01/USRA-DURA-2020-Presentation.pdf?x72651>

YORK FINANCIAL AID EMPLOYMENT

RAY (Research At York): Through the RAY program, 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: The Work/Study program provides on-campus part-time job opportunities for eligible full-time York University undergraduate students.

The College Life at York (CLAY) program focuses on enhancing the student experience within the college system on the Keele campus.

The York Engaged Students (YES) program supports high profile contributions and engagement activities on campus that are focused on such things as peer mentoring, ambassadorship and advising.

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

Career Center Website Demo

Career Centre

CAREER CENTRE

Students & New Grads

Alumni

Employers

York Community

Educational Recruiters

Co-op & Internships

Online System

Calendar

About the Career Centre

Contact Us

CAREER CENTRE ONLINE SYSTEM

Students & New Grads



STUDENT LOGIN

If you are logging in for the first time, you will be asked to sign up for an account **before** you can register for any workshops or appointments.

Employers



EMPLOYER LOGIN

If you are logging in for the first time, click on "Register" to create a new account.

**Some of the 6,000
employers recruiting at York**

Hydro One Inc.

AlliedTek Displays

State Farm

Cadillac Fairview Corporation

AMD

<http://careers.yorku.ca/>

Recreational Opportunities



Intramurals

York Torch: Intramural championship for which York Colleges compete.

Two Levels

Tier 1 – Competitive

Tier 2 - Recreational

Register through IMLeagues

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

<https://www.bethunedragons.ca/athletics.html>

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 Work Study program



Our Volunteer and Research Experiences

Anuja

- Peer Mentor
- Science Student Ambassador
- Research Practicum
- RAY Student
- Hospital Volunteer
- Clubs at York

Our Volunteer and Research Experiences

Sakina

- Clubs at York
- Peer Mentor
- Lab Volunteer
- Honours Thesis

Our Volunteer and Research Experiences

Atena

- Peer Mentor
- Science Student Ambassador
- Lab Volunteer
- STEM Fellowship student research
- Hospital Volunteer
- Co-Founder and VP at Youth Zen Club
- Writer for Excalibur

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!