Research and Volunteer Opportunities

Presented by: Jessica and INA
Who Are We?

- **Jessica Petricca**
  - 4th year Biology major
  - Peer Mentor
  - Former Research Practicum, Current Honours Thesis Student

- **Ina Papadhima**
  - 3rd year Kinesiology and Health Sciences major
  - Peer Mentor
  - Volunteer and research experiences
Agenda

- Volunteer Opportunities at York
- Unpaid/Volunteer Research Opportunities
- Hospital Volunteering/Research
- Paid Opportunities
Volunteer Opportunities at YorkU
Student Ombuds Services (SOS)

- Peer Mentor (PM)
- Peer Tutoring (PT)
- Peer-Assisted Study Sessions (PASS)
- Class Representative (CR)
- Student Ambassador (SA)

For more information visit [http://bethune.yorku.ca/sos/](http://bethune.yorku.ca/sos/)
Bethune College Council (BCC)

- **Elected Positions**
  - President
  - Executive Vice-President
  - Vice-President External
  - Vice-President Athletics
  - Director of Clubs and Affiliates
  - Four General Members

- **Hired Positions**
  - Orientation Assistant
  - VP Social
  - VP Finance
  - College Mascot
  - Digital Media Assistant

- **BCC Office**: 122 Bethune College
- **For more information visit** [http://bcc.info.yorku.ca](http://bcc.info.yorku.ca)
Student Community and Leadership Development (SCLD)

- **RED Zone**: [http://redzone.sclld.yorku.ca/](http://redzone.sclld.yorku.ca/)
  - Address the questions and concerns of incoming students

- **Health Education and Promotion Peer Team**: [http://healthed.sclld.yorku.ca/](http://healthed.sclld.yorku.ca/)
  - Support students’ wellbeing by educating them about various health topics
  - Raise awareness about health issues, solutions, and support resources

- **Student Leadership Program**: [http://leadership.sclld.yorku.ca/](http://leadership.sclld.yorku.ca/)
  - Organize leadership development programs, retreats, conferences, and events
York Federation of Students (YFS)

- **RedPack: Volunteer program run by YFS**
  - For those interested in outreach, promotions, event planning, and campaign work, and advocacy
  - Volunteers help out with events and campaigns
  - YFS organizes events like YorkFest, Frost Week, and Multicultural Week

- **Office Location: 336 Student Centre**
  - Hours: Monday to Friday, 10AM – 6PM

- For more information visit [http://www.yfs.ca/getinvolved/](http://www.yfs.ca/getinvolved/)
YU Connect

- YorkU’s hub for all co-curricular activities
  - Explore and join YorkU clubs and organizations
  - Start your own club
  - Keep track of your volunteer service hours
  - Find out about events and opportunities on campus

- Website: [https://yorku.collegiatelink.net](https://yorku.collegiatelink.net)
Let’s Talk Science

- Hold science, technology, engineering, and mathematics workshops (STEM) at schools and within the community
  - Develop youth interest in STEM
  - Allow students to discover career opportunities in the field of science
  - Develop critical skills

- Classroom visits
  - Work with students in preschool to high school
  - Hold larger, school-wide events

- Community visits
  - Community groups, libraries, summer camps, festivals, and more

- For more information visit: http://outreach.letstalkscience.ca/yorku.html
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 can be found at: http://www.oupfb.ca

Dr. Dawn Bazely
416-736-2100 X 20109
dbazely@yorku.ca

Ms. Patty Lindsay
416-736-2100 X 33770
patlind@yorku.ca
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!
Fall/Winter/Summer terms available

Usually taken in fourth year

Example of project areas: Biophysics
- Atomic physics
- Computational electromagnetism

For more information visit: http://www.yorku.ca/marko/PHYS4310/index.htm
Independent Study/Honours Thesis

- Biology, Kinesiology, Chemistry, and Psychology Departments
  - Biology prerequisite: BIOL 3100
  - Psychology prerequisite: PSYC 1010, 2020 & 2030
  - Kinesiology, need to be in Specialized Honours Program
  - Must complete >84 credits with GPA of at least 6.0
  - Biology thesis courses: 3.0 and 8.0 credits

- Arrange project details with professor
- Look early! (Nov/Dec/Jan of the year before)
- For more information visit http://science.yorku.ca/biology/faculty-research/
Volunteering in a Lab

- Opportunities available depend on the Professor
- Check with each professor individually (via email or in-person)
- Be persistent (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 Professors

- 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

- Show the professor that you really have an interest in their research (read a few of their most recent papers)
Volunteering at Hospitals
Volunteering at Hospitals

- 2-4 hours/week (summer or during the year)

- Application Process: different for each hospital
  - Potential requirements: information session, application form, résumé, reference letters, interview etc.

- Immunization record is required

- Summer research opportunities at hospitals
Hospitals in Toronto

- **Mount Sinai Hospital**: [https://www.mountsinai.on.ca/patients/volunteer](https://www.mountsinai.on.ca/patients/volunteer)
  - Deadline: March 17th
- **The Hospital for Sick Children**: [http://www.sickkids.ca/CareersVolunteering/volunteering/volunteer-resources/index.html](http://www.sickkids.ca/CareersVolunteering/volunteering/volunteer-resources/index.html)
  - Application period ended
- **St. Michael’s Hospital**: [http://www.stmichaelshospital.com/volunteer/](http://www.stmichaelshospital.com/volunteer/)
  - Deadline: March 31st
- **Women’s College Hospital**: [http://www.womenscollegehospital.ca/volunteer/](http://www.womenscollegehospital.ca/volunteer/)
  - Deadline: March 24th
- **Sunnybrook Health Sciences**: [http://sunnybrook.ca/content/?page=volunteer-program](http://sunnybrook.ca/content/?page=volunteer-program)
  - Deadline: not specified
  - Currently accepting applicants
- **Humber River Hospital**: [http://www.hrh.ca/volunteeroverview](http://www.hrh.ca/volunteeroverview)
  - Application process opens in March
- **Baycrest Health Sciences**: [http://www.baycrest.org/participate/volunteer-at-baycrest/](http://www.baycrest.org/participate/volunteer-at-baycrest/)
  - Deadline: not specified
- **St. Joseph’s Health Centre**: [https://stjoestoronto.ca/our-people/volunteer-with-us/](https://stjoestoronto.ca/our-people/volunteer-with-us/)
  - Deadline: April 10th
  - Deadline: not specified
- **Toronto General Hospital**
- **Toronto Western Hospital**
- **Princess Margaret Cancer Centre**
- **Toronto Rehabilitation Centre**

**University Health Network (UHN)**: 
- March 10th
Paid Research and Work Opportunities

Welcome to the Career Fair

Meet employers recruiting York students and new graduates for the following types of positions:
- full-time jobs
- part-time jobs
- internships
- summer jobs

1st & 2nd floors

yorku.ca/careers/fair
NSERC

- Natural Sciences and Engineering Council of Canada
- A federal academic granting agency
- Offers summer research assistant studentships for undergraduate students: NSERC USRA
- Application deadline is Friday February 17
- Pay: $4500 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
- For more information visit [http://www.nserc-crsng.gc.ca/](http://www.nserc-crsng.gc.ca/)
York Financial Aid Employment

- **RAY (Research At York):** research projects with faculty members and receive compensation at a competitive rate.
- **Work Study:** provides on-campus part-time job opportunities for eligible full-time York University undergraduate students.
- **The College Life at York (CLAY):** focuses on enhancing the student experience within the college system on the Keele campus.
- **The York Engaged Students (YES):** supports high profile contributions and engagement activities on campus that are focused on such things as peer mentoring, ambassadorship and advising.
- For more information visit [http://sfs.yorku.ca/employment](http://sfs.yorku.ca/employment)
Career Centre Website Demo

http://careers.yorku.ca/

Career Centre

CAREER CENTRE
Students & New Grads
Alumni
Employers
York Community
Educational Recruiters
Co-op & Internships

CAREER CENTRE ONLINE SYSTEM

Students & New Grads

Employers

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.

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
Guest Speaker

- Dr. Patricia Lakin-Thomas
  - Associate Professor, Department of Biology
  - Course director for Biology Research Practicum, BIOL 2021, BIOL 4141
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
- Maintain a high GPA
Questions?

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