Undergraduate Research Opportunities List

Most deadlines are in mid-February but you should aim to have a supervisor lined up well in advance of the deadline.

**OPPORTUNITIES AT WESTERN**

**Biochemistry Undergraduate Summer Research Program (BUSRP)**
https://www.schulich.uwo.ca/biochem/research/positions_available/busrp.html

- A stipend of $6000 will be paid to each student.
- Work term is 16 weeks from May to mid-August

**Eligibility**
- 2nd year students who have taken Biochemistry 2280A and have achieved a mark of 85% or above (no exceptions).
- 3rd year students who have taken Biochemistry 3381A and have achieved a grade of 75% or higher (no exceptions).
- Priority will be given to students in a Biochemistry module.

**How to apply**
- Join the OWL BUSRP site (will become available during winter)
- Fill the application form and submit it along with a resume, unofficial transcript and a letter of reference.
- Applications are due in early March

**Dean’s Undergraduate Research Opportunities Program (DUROP)**
https://www.schulich.uwo.ca/gradstudies/future_students/undergraduate_research_opportunities/index.html

- Twenty Positions available for summer 2017 (May-August)
- Hands on biomedical research experience under an experience Schulich Medicine & Dentistry Research Mentor
- $6000 stipend will be received for the four-month period ($3000 from Schulich Medicine & Dentistry + $3000 from research supervisor)

**Eligibility**
- Science and Basic Medical Science undergraduate students

**What do I need to apply?**
- CV highlighting research experience to date
- A copy of all post secondary grades (Unofficial copy is fine)
- A maximum 300 word statement written by trainee indicating why they wish to pursue this opportunity
- 3 approved projects and supervisors that interest them most
- 2 reference letters commenting on the overall excellence of the candidate (not part of the integrated PDF file).

**How to apply**
- Application for 2017 not yet available
Microbiology and Immunology Summer Undergraduate Research Fellowship (SURF)
https://www.schulich.uwo.ca/microbiologyandimmunology/undergraduate/surf.html

- A stipend of $6000 will be paid to each student.
- Work term is 16 weeks from May to mid-August

Eligibility
- 2nd year or 3rd year students who have taken Microimm 2500A/B
- Priority will be given to students in Micro&Imm module with an average of 85 or above.

How to apply
- Fill the application form available on the program website
- Submit the application form along with a personal statement, letter of reference, resume and unofficial transcript
- Applications are due in late February

NSERC – Undergraduate Student Research Award (USRA)

- $4,500 for a full 16-week period (plus a min. 25% from supervisor)
- To apply for these awards, you must complete and submit your application using NSERC’s On-line System
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- You can apply to more than one university. You must apply directly to the university where you would like to hold the award
- Application deadline: Each University sets its own deadline dates for receiving applications. To find out about the deadline dates, you must contact the universities which you are applying to get award for
- For more information - email; schol@nserc-crsng.gc.ca, 613-995-5521, or website http://www.nserc-crsng.gc.ca/ContactUs-ContactezNous/ContactDirectory-RepertoiredeContact_eng.asp#Students-Etudiants

OPPORTUNITIES IN TORONTO

Baycrest Summer Students
https://www.rotman-baycrest.on.ca/index.php?section=668

- Conduct research at Baycrest Health Sciences (Toronto, Ontario)
- Hands-on research experience in a laboratory clinical setting with a Baycrest Scientist
- 12 week work period, (about 35 hours a week)
- Students are paid a minimum of $4,620.00 for the 3 months

Eligibility
- Students enrolled in an undergraduate degree (Years 1-4)
- Medical School students
- Master’s and PhD are not eligible

How to Apply
- Students will usually be expected to work full-time hours (35 hours per week).
- Students will usually be expected to complete a full 12-week term.
- Students will be paid a minimum of $4,725.00 for a three (3) month period.
- Students will be required to work on a project assigned to them by their respective supervisors.

Terms of Summer Program
- Students will usually be expected to work full-time hours (35 hours per week)
- Students will usually be expected to complete a full 12-week term
- Students will be paid a minimum of $4,725.00 for a three (3) month period

Hurvitz Brain Sciences Summer Student Research Program
Summer studentships typically run from May to September
Students must be enrolled in a university program and have a B+ average in their most recent academic year
Students are required to contact scientists with whom they wish to work with
Application deadline is early April

D+H Summer Student Research Program at Sunnybrook Research Institute

- Allows hospital-based research experience
- Provides orientation, weekly seminar series, and end-of-summer research project competition
- Students must be enrolled in a university program and have a B+ average in their most recent academic year
- Employment term runs from May to September
- Students are responsible for contacting PIs directly
- Summer stipend ranges from $5,800 - $6,600
- Application deadline is not posted but students are encouraged to contact supervisors well before the deadline (early April)

Undergraduate Summer Research Program – University of Toronto Faculty of Pharmacy

- Undergraduate students are offered a unique opportunity to participate in research in the following areas:
  - Molecular pharmacology and toxicology
  - Pharmaceutics and Pharmacokinetics
  - Clinical, Social and Administrative Pharmaceutical Sciences
- Provides participants to conduct research under the supervision of a Pharmaceutical Sciences faculty member
- Offers students opportunities to attend laboratory safety training sessions, a writing / presentation workshop, as well as biweekly seminar presentations by faculty members
- In mid-August, students will have the opportunity to present their research projects to their peers and the rest of the Faculty.
- Presenters will be judged, and the winner will receive the National Summer Student Research Program Award to present research findings at the Canadian Society for Pharmaceutical Sciences Annual Meeting.
- Duration: May to August
- Eligibility
  - Must have completed at least one year in a full-time undergraduate degree program;
  - Must have an average of 75% or higher to be eligible for scholarship competition;
  - Must be supervised by a Pharmaceutical Sciences faculty member.
  - The program is open to students at the University of Toronto and from other universities and institutions.
- Students who apply for the summer research program are automatically considered for awards
Keenan Research Summer Student (KRSS) Program – St. Michael’s Hospital
http://stmichaelhospitalresearch.ca/future-students-trainees/summer-student-krss-program/

- The Keenan Research Summer Student (KRSS) Program provides opportunities for undergraduate and medical students to conduct research in a laboratory and/or clinical setting at St. Michael's under the supervision of a principal investigator (scientist and/or MD)
- Students enrolled in a full time undergraduate degree can apply
- The last day you can submit applications to PIs is in late March
- Students hired as employees of the hospital and paid hourly wage that falls on a pay scale starting at $10.25.
- Students registered as research volunteers who wish to gain experience in a research setting
- Volunteer students will not be paid stipends/honorariums at any time and will solely act as volunteers

How do I apply to the program and when can I contact PIs?
- Students must first align themselves with a St. Michael’s PI. Look at the list of PIs and select a few who conduct research relevant to your interests.

Molecular Genetics at University of Toronto
http://www.moleculargenetics.utoronto.ca/summer-research-program/

- Addresses questions of fundamental importance in molecular, cellular, and developmental biology using bacteriophage, bacteria, yeast, flies, nematodes, and mammalian cells as model systems
- The summer research program runs for 12 weeks, from May to August
- Students applying to the program should have an average of B+ or better
- Successful applicants will receive a stipend

How to apply
- Browse the research interests of the faculty
- Directly contact the faculty member(s) whose interests excite you, we suggest including a copy of your transcript and a resume/CV
- Application deadline is in mid March

SickKids Summer Research Program (SSuRe)
http://www.sickkids.ca/Research/StudentandFellowResources/RTC/Training-Programs/Summer-Research-Program/

- Laboratory or clinical research at the Hospital for Sick Children under a Research Institute scientist
- Program runs from early May to mid-August
- Final event of the program is the Annual Summer Symposium where students present their results in a poster format, 7 outstanding students present orally
- Students will be paid $6,000 for the 15-week program
- Typically runs from Monday to Friday, 9am-5pm for a 35-hour work week which may vary by lab
- Requires 1 reference letter, resume and transcript
- Although no minimum GPA, GPA is taken into account so GPA should be competitive
- Method of application specifications determined by scientist, apply directly to scientist
- Applications for 2017 summer program opens up 2nd week of December
- Application deadline is in mid January
Summer Student Research Program – University of Toronto Lab Medicine and Pathobiology
http://www.lmp.utoronto.ca/undergraduate/programs/summer-student-research-program/summer-student-research-program-application

- 12 week program starting mid-May
- The LMP Summer Student Research Program is comprised of three obligatory elements: a research experience, attendance at weekly lectures and presentation of a poster during the Summer Student Poster Day.

Eligibility
- At least a B+ (GPA of 3.3) average
- Secure an LMP faculty supervisor prior to submitting an application form, email is preferred,
- Submit an application form demonstrating an interest in biomedical research
- All Applicants (including those who will be located in a hospital) must submit an application form along with a transcript or a statement of results showing marks for all University courses completed. You may also attach a CV detailing previous lab experience.
- Application deadline is in spring

The Ward Family Summer Student Research Program – Bloorview Research Institute
http://research.hollandbloorview.ca/trainwithus/wardfamilysummerstudentresearchprogram

- Information on the 2017 Ward Summer Student program will be available in late 2016

Undergraduate Summer Research Program – U of T Biomaterials & Biomedical Engineering
http://www.ibbme.utoronto.ca/students/undergrad/summer-research/

- University of Toronto - Institute of Biomaterial & Biomedical Engineering (IBBME)
- A 16-week program (May to mid-August)
- Provides an opportunity for students to work in a research setting and to obtain first-hand experiences of working in a lab, as well as participating in various biomedical engineering workshops and career talks

Eligibility
- Open to both current and non-University of Toronto undergraduate students
- Must be registered in an accredited university as a full or part-time student
- Must have completed at least one full year of an undergraduate program by the start of this program
- Must be enrolled in one of the following areas of general study at the time of application:
  - Dentistry
  - Engineering
  - Medicine
  - Science (including computer-related sciences)
- Applicants are strongly encouraged to contact IBBME professors to discuss potential positions and projects
- 2017 Application deadline: Friday, February 17, 2017

Summer Student Program Women’s – College Research Institute
http://www.womensresearch.ca/learning-centre/undergraduate-summer-program/

- The WCRI Summer Student Program places undergraduate students with faculty from WCRI in a summer internship program
- Student placements are full-time (37.5 hours a week) for a minimum of 12 weeks to a maximum of 16 weeks
- At the time of application, students must be enrolled in a full time undergraduate degree program at the university level