

## **WURJHNS - Research Opportunities:**

### **1. Biochemistry Undergraduate Summer Research Program (BUSRP):**

- Students will have the chance to participate in one of the many exciting research projects currently being carried out within the Dept. of Biochemistry under the supervision of one of our faculty members.
- We expect to give out 15 studentships this year.

Eligibility - Western Undergraduate Students

- 2nd year students who have taken Biochemistry 2280A and with marks 85 or above (no exceptions) **OR**
- 3rd year students: priority will be given to students in a Biochemistry module.

Deadline: **Late February 2013 (last year: Feb 28, 2012, 4PM)**

[http://www.biochem.uwo.ca/positions\\_available/SummerResearch\\_files/SummerResearch.html](http://www.biochem.uwo.ca/positions_available/SummerResearch_files/SummerResearch.html)

### **2. The SickKids Summer Research Program**

#### **Eligibility Criteria**

Eligible students include:

- Students enrolled in an undergraduate degree program at time of application
- Scientists and students must be conducting their research at SickKids

No minimum grade point average (GPA) is required to be eligible to apply to the program. However, please note that these positions are highly competitive, therefore a strong GPA is advantageous.

#### **Remuneration and Work Hours**

Students will be paid \$6,000CAD for the 15-week program

The program typically runs Monday to Friday from 9 a.m. to 5 p.m. However, this may vary slightly within each scientist's lab.

#### **Application Procedure**

The list of scientists recruiting summer students, descriptions of the available positions and applications for the summer program are posted in mid December annually. Each scientist will indicate the method by which they wish to receive applications (i.e. mail, fax, email). The method(s) indicated are the only way to apply to each scientist.

You must apply directly to each scientist. Neither the Research Training Centre nor the Human Resources Department will accept applications.

If you would like to apply to more than one scientist, you must send individual applications to each one as each scientist is responsible for selecting their own student.

#### **To apply students must submit the following:**

SickKids Summer Research Program Student Application form

Resume

Current university transcripts

- Official or unofficial transcripts (copies or online versions) are acceptable. Please submit electronically with the rest of your application.

One (1) reference letter from an individual familiar with your skills and best able to describe your past and/or current work/school experience. (e.g. professor, high school teacher, previous employer).

- Reference letter should be submitted electronically by the referee to the hiring scientist(s)
- There are no specific criteria the referee should address in the reference letter, but in general, such letters should describe a student's education background, academic performance, relevant research training or work experience, characteristics and abilities. The letter should also highlight

the student's achievements to date.

Please email your application as **one PDF file** to the hiring scientist(s).

Due to the large volume of applications received, **only those candidates selected for an interview will be contacted.**

Each scientist will conduct interviews and make final selections independently. All candidates selected for the program will have been contacted by early April of each year.

### **Application Deadline**

The application is now closed for the Summer 2012 Program. **Please check back in December 2012 for more information on the 2013 Summer Program.**

<http://www.sickkids.ca/Research/StudentandFellowResources/RTC/Training-Programs/Summer-Research-Program/index.html>

## **3. TRIUMF**

Eligibility - Western Undergraduate Students

- At least 2nd year in physical sciences or engineering
- You must also send in the following documents:
  1. a covering letter of 500 words or less, describing what your interests and career ambitions are, and experience or information not included in your job application.
  2. a letter of recommendation from your university department chair. TRIUMF will also accept a letter from another faculty member who may know the student better. This is to aid in cases where the chair does not know the applicant directly.

TRIUMF is Canada's National Laboratory for Particle and Nuclear Physics. It offers the opportunity to Canadian students to experience the excitement of research at a national laboratory such as TRIUMF. Students will work on a research project with consideration given to their stated interests. Located at University of British Columbia.

**Deadline:** for summer positions January 20, 2013

<http://www.triumf.ca/home/employment-opportunities/undergraduate-students/awards-scholarships>

## **4. Charles Hollenberg Summer Studentship Program 2013**

<b>Description:</b>	<p>Encourage research in diabetes and its complications as a career. Fifteen summer studentships are available for undergraduate and medical students to carry out summer research in diabetes under the supervision of a member of the Banting &amp; Best Diabetes Centre (BBDC). Minimum of 12 weeks between May 1 and August 31, 2013.</p> <p>This competition is not restricted to University of Toronto students.</p>
<b>Eligibility Requirements:</b>	<p><b>Those Eligible To Apply:</b></p> <ul style="list-style-type: none"> <li>• High school students who have been accepted by a university undergraduate or medical degree program.</li> <li>• University students who are currently enrolled in an undergraduate or medical degree program.</li> <li>• University students who will complete an undergraduate or medical degree program in January or May 2013 (but not earlier).</li> </ul>
<b>Amount:</b>	<p>The stipend will be a <b>minimum of \$4,800</b> (\$2,400 will be provided by the Banting &amp; Best Diabetes Centre, and a minimum of \$2,400 must be provided by the supervisor). The supervisor may provide additional funding.</p>
<b>Evaluation Criteria:</b>	<p>Applications will be reviewed by a subcommittee of the BBDC Training and Research Excellence Committee and will be evaluated on the following criteria:</p> <ul style="list-style-type: none"> <li>• The research project, including relevance to diabetes</li> <li>• The training environment in which the student will carry out their research project</li> <li>• The student's academic record</li> <li>• Special accomplishments or attributes relevant to the Summer Studentship application</li> <li>• A minor component of the evaluation will be based on other factors that the reviewers consider relevant to this competition</li> </ul>
<b>The Process:</b>	<p><b>STEP 1 - Find a Potential Supervisor</b> <b>STEP 2 - Submit an Application</b></p> <p>Once the student has found a potential supervisor, the supervisor and student jointly submit a completed application form to the BBDC.</p>
<b>Application Form:</b>	<p><a href="#">Download the 2013 Charles Hollenberg Summer Studentship Program application form. (PDF)</a></p>
<b>Application Deadline:</b>	<p><b>5 p.m., January 21, 2013</b> Late or incomplete applications will not be considered.</p>

<http://www.bbdc.org/fundingOpp/summer.htm>

## 5. Parkinson's Disease Foundation (PDF) - Summer Student Fellowships

### Eligibility:

- Western undergraduate students, graduate students, medical students

### Complete application includes:

- Brief, two-page proposal describing the research plan (written by applicant in conjunction with mentor);
- Copy of the student's academic transcript (unofficial is acceptable);
- Statement by the applicant, describing why he or she is interested in conducting Parkinson's research, his or her qualifications, and the relevance of this research to his or her career/research interests;
- Letter of support, written by the mentor under whom the applicant plans to work, discussing qualifications of the student, affirming that facilities and materials will be available and agreeing to actively guide the student's work. This letter must be sent separately by the mentor either via email to [togrants@pdf.org](mailto:togrants@pdf.org) with "SUMMER FELLOWSHIP" in the subject line or via regular mail to Parkinson's Disease Foundation; Summer Fellowship Letter of Support; Attn: Valerie Holt, Grants Administrator; 1359 Broadway, Suite 1509, New York, NY 10018. All letters must be received by the application deadline.;
- Application form, completed.
- **Must be submitted online**

This program is used to support students in their pursuit of Parkinson's-related summer research projects. The goal of the Summer Fellowship is to cultivate an early interest in Fellows into the cause(s) and possible treatments for Parkinson's disease. Typically, summer fellowships are offered for 10 weeks of laboratory work.

**Deadline:** mid-April

[http://www.pdf.org/en/grant\\_funding\\_fellow#summer](http://www.pdf.org/en/grant_funding_fellow#summer)

## 6. Kupcinet-Getz International Summer Science School:

### Application Review Process

November 1, 2012	Online application opens
December 31, 2012	Deadline for online application and document submission
March 15, 2013	Official Results of the application review process

### Dates of the Program (Overseas students)

June 25, 2013	Start of the program
August 20, 2013	End of the program

## Application Procedures

### How to Apply

1.	Complete and submit the <a href="#">online application form</a>
2.	Submit the required documents ONLINE - see below

### Indicating your Preference for Research Groups

Candidates are required to list, on the online application form, the name(s) of at least one but no more than three Weizmann Institute Scientists (heads of research groups) whose groups they would like to join within the framework of this program.

### How to find Information on WIS Scientists and their Research Areas

The best approach is to thoroughly search the Weizmann Institute of Science website, consulting the various faculty and department sites. You may also find the following links useful:

### Required Documents

1	C.V. (If applicable please include information about previous experience in research, and list any publications that you authored. Please paste to the first page of the CV a <b>Passport size Photo</b> )
2	Current official and authorized Transcript (first year's and current grades).Overseas applicants: Transcript of grades must be originals with the logo of the university and signed by the registrar. An English translation signed by your university registrar must be submitted if the original transcripts are issued in a language other than English.
3	Letter of motivation (up to one page): A couple of brief paragraphs describing your interest in science and in the program and why do you believe you should be admitted.
4	Reference Letter(s): It is obligatory to have at least one letter of recommendation written by a scientist or lecturer. Letters from workplaces not related to the student's studies will be ignored.
5	Copy of the title page of the passport

### How to submit the documents online

Items 1-3 should be combined into a one PDF file and uploaded through the online application form.

### Letters of Reference

All letters of reference should be emailed directly to the program email. The subject of the email should be as follows: Your full name + Undergraduate Reference Letter. Reference letters may be sent to FGS even before the candidate had completed and submitted the online registration form.

### Changes and Updates

You may send by email updated documents up until the deadline (**December 31st**). They will replace your respective former documents.

<http://www.fgs.org.il/en/article.php?id=221/>

## 7. Undergraduate Summer Research Program - Institute of Biomaterials and Biomedical Engineering, University of Toronto

Eligibility -

- Full-time students registered in either Physical Sciences, Life Sciences, Engineering, or Dentistry
- At least **one full year** of an undergraduate program

More details on website including application, and if applicable, NSERC application. Students encouraged to contact IBBME professors to discuss potential positions and projects.

**Deadline:** February 15, 2013

<http://www.ibbme.utoronto.ca/Page641.aspx>

### Application

During the first two weeks, students will follow an intensive German language course of 20 hrs / week as well as an introduction to research (4 hrs /week). At the same time, the course is an introduction to German culture that familiarizes students with life in Germany through a hands-on approach. Weeks 3 – 10 are settled around a research internship in a department of RWTH Aachen University. Students will continue to learn German twice a week while conducting their internship. Cultural and leisure time activities offered throughout the programme ensure the students' integration and exposure to German culture and the international community on campus. Upon successful completion of the programme, students receive a certificate, stating the scope and content of their research as well as of the German language course.

Please submit the following application materials to Gabriella Skwara at RWTH Aachen universities' liaison office in New York City, preferably via Email [tinfo@rwthaachenuniversity.us](mailto:tinfo@rwthaachenuniversity.us):

- Resume
- Letter of motivation (please include separate letters of motivation when applying for two different projects)

- Letter of recommendation
- Current proof of enrollment
- Transcript of records

The annual application deadline for UROP International is **January 31**. All application documents have to be handed in due to this date.

Please read more about the application procedure at [UROP International Application](#).

[http://137.226.107.16/aw/cms/home/Zielgruppen/zukunftskonzept/massnahme\\_3/projekt\\_urop/~srm/urop\\_international/?lang=en](http://137.226.107.16/aw/cms/home/Zielgruppen/zukunftskonzept/massnahme_3/projekt_urop/~srm/urop_international/?lang=en)

## 8. Weizmann Institute of Science

Eligibility:

- Undergraduate student in science

Each student is associated to a laboratory or a theoretical research project under the supervision of an experienced scientist; the students become, for a short time, full-fledged members of the scientific team. See link for application. Application opened **November 1, 2012**.

**Deadline:** December 31, 2012

<http://www.fgs.org.il/en/article.php?id=221/>

## 9. Summer Studentships in Gastroenterology

Eligibility:

- Full-time undergraduate students
- Under certain circumstances other special academic situations may be considered for a Summer Studentship

The Canadian Association of Gastroenterology (CAG), in collaboration with the Crohn's & Colitis Foundation of Canada (CCFC) and the Canadian Institute of Health Research (CIHR) is pleased to announce the Summer Student Scholarships for Research in Gastroenterology. These scholarships are designed to provide short-term financial support for undergraduates who wish to obtain introductory training in research in the field of Gastroenterology

**Deadline:** January 31, 2013

<http://www.cag-acg.org/summer-studentships>

## 10. Summer Studentships - Canadian Cystic Fibrosis Foundation

Eligibility:

- Full-time undergraduate students
- Under certain circumstances other special academic situations may be considered for a Summer Studentship

CCFF Summer Studentships are intended to provide support to students engaged in summer research projects in areas of the biomedical or behavioural sciences relevant to cystic fibrosis, normally under the direction of CF clinic directors or principal investigators based at a Canadian host institution. The research project should be attainable within the three-month term of the award.

**Deadline:** February 1, 2013

[http://www.cysticfibrosis.ca/en/research/TrainingAwards\\_SummerStudentships.php](http://www.cysticfibrosis.ca/en/research/TrainingAwards_SummerStudentships.php)

## 11. RTC Summer Research Program for Undergraduates @ The Lunenfeld

Eligibility: Students must have completed, at the minimum, their second undergraduate year of a recognized university science program.

Application Procedure: Prospective students must apply ONLINE and submit the following:

- A resume or curriculum vitae, including permanent and sessional addresses;
- One cover letter that includes the area(s) of research you are interested in and three (3) investigators whose lab you would like to work in - [List of Investigators Hiring Summer Students](#)
- Unofficial transcripts (ROSI printouts are sufficient);
- The names and contact information of two (2) references (academic preferred)
- Complete applications must be submitted online by **February 15, 2012.**

Selection Process: The summer student program is extremely competitive. Individual scientists select their own summer students; there is no centralized selection process. Please be aware that acceptances are made on a rolling basis.

<http://research.lunenfeld.ca/RTC/?page=Summer%20Students>

## 12. NSERC - 16 week duration for award

To Apply:

- complete and submit your application using NSERC's On-line System (complete Form 202)
- You can apply to more than one university. You must apply directly to the university where you would like to hold the award.

To be eligible to **apply** for an award, you must:

- be a Canadian citizen or permanent resident of Canada;
  - be registered, at the time you apply, in a bachelor's degree program at an eligible university; and
  - have obtained, over the previous years of study, a cumulative average of at least second class (a grade of "B" or "B-," if applicable) as defined by your university.
- You may hold a maximum of **three** USRAs throughout your university career.

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 in the term immediately before holding the award in a bachelor's degree program at an eligible university;
- **not** have started a program of graduate studies in the natural sciences or engineering; and
- be engaged on a full-time basis in research and development activities in the natural sciences or engineering during the tenure of the award.

**Deadline: Can't seem to find**

### 13. Research Internships in Science and Engineering (RISE)

Eligibility:

- At least 2 years undergraduate
- See website for application details

Information:

- RISE interns **are matched with doctoral students** whom they assist and who serve as their mentors.
- It is a **summer internship program** for undergraduate students from the **United States, Canada and the UK** in the fields of **biology, chemistry, physics, earth sciences and engineering**.
- It offers unique opportunities for undergraduate students to work with research groups at universities and top research institutions across Germany for a period of 2 to 3 months during the summer.
- Working language is English

**Deadline: Register online between December 6, 2012 and January 31, 2013.** Will be notified by March if successful.

### 14. Euroscholars - European Undergraduate Research Opportunities

Eligibility:

- Targeted at highly talented students from the USA and Canada.
- Demonstrated academic background in the field of study and the specialization chosen.
- GPA: students with a GPA of 3.4 out of 4.0 and higher will be considered to be eligible.
- Students opting for a Research Project in the Natural Sciences, including practical laboratory work, need to have ample laboratory experience.
- Strong interest in conducting academic research.

See online for application details, must create profile with GlobalLinks Learning Abroad program.

**Deadline: April 1 for the Fall semester, October 1 for the Spring semester**

### **15. Canadian Blood Services**

Canadian Blood Services offers a Summer Internship Program to attract and support students at Canada's post-secondary institutions to contribute to, and experience from, working on projects within any division of Canadian Blood Services. All full-time students currently enrolled in an undergraduate program in an accredited university or college located in Canada are eligible to apply.

#### **ELIGIBILITY**

- All full-time students currently enrolled in an undergraduate program in an accredited university or college in Canada are eligible to apply.
- Preference will be given to applicants who have not previously been supported by the program. Under no circumstances will students be supported for a third year.
- Applicants intending to work with blood or blood products must provide evidence of Hepatitis B vaccination before the award may commence.

#### **STIPEND**

A stipend of \$1,800 per month for up to four (4) months is available.

#### The major criteria in evaluating applications will be:

The quality of the applicant (academic record, letters of recommendation, etc.),  
The quality of the proposed project (if submitted) and its relevance to the goals of Canadian Blood Services,  
The proposed environment (supervisor, department, etc.).

#### **APPLICATION**

Candidates must complete the application package: Form SIP-01.

A complete application consists of:

Letter of support from proposed Canadian Blood Services supervisor (preferable)

(One original and four copies.)

Form SIP-01, Canadian Blood Services Summer Internship Program.

(One original and four collated copies.)

Official transcripts of the applicant's complete academic record.

(One original only, to be provided in an envelope sealed by the University).

Forms of recommendation and evaluation (Pages 7 and 8) from two individuals under whom the candidate has studied, or who in some way have had a good opportunity to assess the candidate's potential. These forms (one original and four copies in a sealed and signed envelope) may either be attached to the original copy of the

application, or forwarded directly to the Manager, Research & Development. Every effort should be made to submit reference letters from academic sources, for example laboratory supervisors or supervisors from part time jobs in professional areas.

**Deadline:** February 15, 2013

#### 16. University of Toronto: various life sciences summer research programs

The LMP Summer Student Research Program comprises of three obligatory elements: a research experience, attendance to weekly lectures and presentation of a poster during The Poster Day.

##### Program Duration :

- Students are expected to engage in full-time research for at least 12 weeks.
- Official start date to be negotiated between supervisor and student although students are urged to begin research by the middle of May in order to have a significant amount of research done in time to submit an abstract for Poster Day

##### Weekly Sessions/Seminars:

- There will be weekly one-hour seminars in June and July, hosted by the Summer Student Research Program Coordinator. Special guest faculty will discuss their research. (Dates/Times and location to be determined.)
- The schedule of Guest Speakers and Topics for Weekly Seminars will be available on this website.

**Final Application Deadline into the LMP Summer Research Program – FRIDAY, MARCH 30, 2012** (last year's deadline)

##### Application Requirements:

In order to participate in the LMP summer research program, you must:

- have at least a B+ (GPA of 3.3) average
- secure an LMP faculty supervisor
- submit an application form demonstrating an interest in biomedical research

#### 17. RTC Summer Research Program for Undergraduates @ The Lunenfeld

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\*\*\*Please check back in December 2012 for the 2013 Summer Student application and updated information.\*\*\*

Program Description: This program provides an opportunity for undergraduate students to work throughout the summer in a laboratory at the Samuel Lunenfeld Research Institute. Students will work on a project assigned to them by their laboratory supervisor gaining valuable experience and research skills.

Eligibility: Students must have completed, at the minimum, their second undergraduate year of a recognized university science program.

Application Procedure: Prospective students must apply ONLINE and submit the following:

- A resume or curriculum vitae, including permanent and sessional addresses;
- One cover letter that includes the area(s) of research you are interested in and three (3) investigators whose lab you would like to work in - [List of Investigators Hiring Summer Students](#)
- Unofficial transcripts (ROSI printouts are sufficient);
- The names and contact information of two (2) references (academic preferred)
- Complete applications must be submitted online by February 15, 2012.

Selection Process: The summer student program is extremely competitive. Individual scientists select their own summer students; there is no centralized selection process. Please be aware that acceptances are made on a rolling basis.

**The deadline for completion of the 2012 on-line application is February 15, 2012**

#### 18. Young Explorers Grants - National Geographic

Eligibility:

- Applicants are not required to have advanced degrees. However, a record of prior experience in the fields of research, conservation, or exploration should be submitted as it pertains to the proposed project.

Information:

- Individuals ages 18 to 25 to pursue **research, conservation, and exploration-related projects consistent with National Geographic's existing grant programs**, including: the Committee for Research and Exploration (CRE), the Expeditions Council (EC), and the Conservation Trust (CT).
- Apply to CRE, EC, or CT (see online for what kinds of research they cover).

**Deadline: Pre-application has 120 days before it expires.**

#### 19. U of T Department of Medical Biophysics - Summer Student Program

Eligibility

- The program is open only to students who have completed their second or third year of undergraduate studies. 4th year students who are in a co-op program and have not completed their program may also apply.
- Applicants must have a B+ grade point average for the Physics stream and an A- grade point average for the Biology stream
- You are required to provide 2 references

The program runs for a minimum of 12 weeks, but may continue for the whole summer. The official start date of our program is typically in early May.

**Deadline: February 1**

## 20. Dalhousie Research in Energy, Advanced Materials & Sustainability (DREAMS

### Eligibility

- Students in Chemistry, Physics, Mechanical Engineering or Engineering Physics. Applicants must have a minimum A- average (80% or 3.7 GPA on a 4.3 scale).

### Information

#### Students will:

- a) hold a prestigious NSERC scholarship in an award-winning program
- b) be part of a small group of highly motivated students who are deeply interested in energy, sustainability and making positive change for the future
- c) learn how different disciplines are interconnected
- d) participate in bi-weekly meetings on professional development and other topics of interest
- e) meet with local and international experts in energy issues
- f) participate in tours of organizations and industrial sites that are incorporating sustainable solutions
- g) attend the Institute for Research in Materials' annual symposium and research day
- h) take part in social events and outings with the group.

**Deadline: Check early 2013**