

DEPARTMENT OF PHARMACOLOGY AND TOXICOLOGY
Graduate and Life Sciences Education (GLSE)
Undergraduate Summer Research Project Studentship

2022 APPLICATION GUIDELINES

The Department of Pharmacology and Toxicology invites summer studentship applications from undergraduate students. The Graduate & Life Sciences Education (GLSE) Undergraduate Summer Research Project Studentship provides U of T and non-U of T undergraduate students with an opportunity to gain valuable research experience during the summer session.

Students accepted into the program will work on a specific research project under the supervision of a faculty member and may meet on a weekly basis for group seminars and discussion at the discretion of their supervisor. All students are required to submit a written final report with a length of at least three double-spaced pages (not including references) and give a 10-15 minute presentation of their research in August. Both the report and presentation should address the nature of research conducted by the student including: the scientific background relevant for the research topic, objectives/hypotheses, methodology, results, discussion and conclusions. The supervisor should provide the student with feedback on the report and presentation, and a copy of the final report must be submitted to the Program Coordinator by **August 31, 2022**. The student's final report will be part of a required activity report to be submitted by the Program Coordinator to the GLSE Office.

Students are responsible for contacting the professors of their choice to inquire about research projects and laboratory space. A list of potential supervisors and their research interests is available by accessing the faculty list (www.pharmtox.utoronto.ca/faculty). Interested students should contact potential supervisors. Most professors will ask the student to bring their academic record and a resume or curriculum vitae to the initial interview.

Duration:

- Students are expected to engage in full-time research for at least 12 weeks as agreed upon with the supervisor from May to August to be able to qualify for the full stipend of **\$5,000** (\$2,500 from GLSE; \$1,250 from the sponsoring professor, and \$1,250 from the Department of Pharmacology and Toxicology. The Department may contribute additional funds towards the stipend if some positions are unfilled).

Eligibility:

- Students must have completed at least one term in a full-time undergraduate program directly prior to the award period and must have a cumulative cGPA of 3.0 (B) or higher.
- U of T students must be enrolled in a third or fourth year major and/or specialist in the Temerty Faculty of Medicine Basic Science departments and Laboratory Medicine and Pathobiology.
- Non-U of T students may be considered, including international students (with a valid student visa for the full summer work term) and should have equivalent qualifications.
- Students must not have started a program of graduate studies.
- Students must be supervised by a faculty member of the Department of Pharmacology and Toxicology.
- Students may only submit one application to this program and each professor may only sponsor one student regardless of cross-appointments. Failure to comply with this rule may result in the application being denied.
- Preference will be given to students who have an interest in future graduate training, a research career in pharmacology or toxicology and who have taken at least an introductory course in pharmacology or toxicology.
- No restrictions on research topics.

Students participating in this program cannot receive a course credit (e.g., PCL472Y or PCL474Y) for this work. However, students on a co-op work term or PEY placement are eligible if all other criteria are met.

Interested students should:

1. Seek a position with a faculty member of the Department of Pharmacology and Toxicology who is willing to complete the sponsorship agreement form and supervise you for the duration of the studentship program (minimum 12 weeks between May and August).
2. Submit a complete application by **March 14, 2022** including the application form, resume or curriculum vitae (CV), list of 2-3 references, official academic transcript(s), and the sponsorship agreement form. Only complete applications with the required eligibility criteria received by the deadline date will be reviewed.

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APPLICATION FORM

STUDENT INFORMATION			
First Name:	Last Name:	Student #:	
Address:			Unit #:
City:	Province/State:	Postal/Zip Code:	Country:
Telephone #:		Email:	

ACADEMIC BACKGROUND		
Program of Study:	University:	Year of Study:
Pharmacology/Toxicology courses that you have taken (Course Name / Course Code / Course Mark): 		
Statement of research interest and future goals: 		
Previous research and/or other relevant experience (attach another page if necessary): 		

SUPERVISOR INFORMATION

(Must be a Department of Pharmacology and Toxicology Faculty Member)

First Name:	Last Name:
Telephone #:	Email:
Name of Laboratory Business/Grants Officer:	Email of Laboratory Business/Grants Officer:

PROPOSED RESEARCH PROJECT

Research Topic:

It is the responsibility of the supervisor to ensure that the student has the appropriate safety / ethics training. List all relevant protocol numbers under which the student will be working:

FUNDING SOURCES	Graduate and Life Sciences Education:	\$2,500
	Department of Pharmacology & Toxicology:	\$1,250
	Supervisor (minimum \$1,250):	
	TOTAL FUNDING FOR STUDENT:	

Student Signature: _____	Supervisor Signature: _____
Date: _____	Date: _____

APPLICATION SUBMISSION

Please attach:

- Current résumé or curriculum vitae (CV)
- List of 2-3 references with their contact information (professors or employers)
- Up-to-date academic transcript
- Completed supervisor agreement letter

Submit applications to:

undergrad.pharmtox@utoronto.ca

Application Deadline:

March 14, 2022

Date

Undergraduate Program
Department of Pharmacology and Toxicology
Medical Sciences Building
1 King's College Circle, Room 4207
Toronto, ON M5S 1A8

Dear Awards Committee:

**RE: GLSE Undergraduate Summer Research Project Studentship 2022
Supervisor Agreement Letter**

I agree to sponsor _____ for a Graduate and Life Sciences Education (GLSE) Undergraduate Summer Research Project Studentship in my laboratory during the summer of 2022. I understand that I am only allowed to sponsor one student for this program.

I agree to assign a suitable research project, to supervise this student throughout the summer program, and to ensure that the student has the appropriate safety / ethics training. I understand that the student is expected to work for an agreed upon duration of at least 12 weeks during the summer.

I also agree to provide a stipend of at least \$1,250 for this student, if the student is granted a GLSE Undergraduate Summer Research Project Studentship. The Department of Pharmacology & Toxicology will provide \$1,250 and the GLSE Office in the Temerty Faculty of Medicine will provide the student with an additional \$2,500 for a total stipend of \$5,000.

Sincerely,

Signature of Supervisor