

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

2021 APPLICATION GUIDELINES

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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 UofT and non-UofT 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, and discussion and conclusions. The supervisor should provide the student with feedback on the report and presentation, and must submit a copy of the final report to the Program Coordinator by **August 31, 2021**. 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](http://www.pharmtox.utoronto.ca/faculty)). Interested students should contact potential supervisors directly to arrange an appointment to meet. 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 **\$4,800** (\$2,000 from GLSE; \$1,400 from the sponsoring professor, and \$1,400 from the Department of Pharmacology & Toxicology. The Department may contribute additional funds towards the stipend if some positions are unfilled).

**Eligibility:**

- Students must be currently enrolled in the second or third year of a major and/or specialist program in a Faculty of Medicine basic science department; non-UofT students should have equivalent qualifications.
- Students must have obtained a cumulative GPA of 3.0 (B) or higher and must complete a full-time study term directly prior to the award period.
- 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 (i.e., minimum 12 weeks).
2. Submit a complete application by **March 15, 2021** 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 received by the deadline date from students meeting the eligibility criteria will be reviewed.

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**APPLICATION FORM**

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

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

## SUPERVISOR INFORMATION

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

|  |   |
|--|---|
| <b>First Name:</b>                                 | <b>Last Name:</b>                                   |
| <b>Telephone #:</b>                                | <b>Email:</b>                                       |
| <b>Name of Laboratory Business/Grants Officer:</b> | <b>Email of Laboratory Business/Grants Officer:</b> |

## 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:**

|                        |  |         |
|------------------------|--|---------|
| <b>FUNDING SOURCES</b> | Graduate and Life Sciences Education:    | \$2,000 |
|                        | Department of Pharmacology & Toxicology: | \$1,400 |
|                        | Supervisor (minimum \$1,400):            |         |
|                        | <b>TOTAL FUNDING FOR STUDENT:</b>        |         |

|                                 |                                    |
|---------------------------------|------------------------------------|
| <b>Student Signature:</b> _____ | <b>Supervisor Signature:</b> _____ |
| <b>Date:</b> _____              | <b>Date:</b> _____                 |

## 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](mailto:undergrad.pharmtox@utoronto.ca)

**Application Deadline:**

**March 15, 2021**

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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 2021  
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 2021. 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 \$1,400 for this student, if the student is granted a GLSE Undergraduate Summer Research Project Studentship. The Department of Pharmacology & Toxicology will provide \$1,400 and the GLSE Office in the Faculty of Medicine will provide the student with an additional \$2,000 for a total stipend of \$4,800.

Sincerely,

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Signature of Supervisor