



CIHR TRAINING PROGRAM IN REGENERATIVE MEDICINE 2011 SUMMER STUDENTSHIP

585 University Avenue, 11C-1239, Toronto, ON M5G 2N2

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GUIDELINES

The CIHR TPRM Summer Training Program (TPRM-STP) offers students with records of exceptional academic performance an opportunity to participate directly in medical/health research in regenerative medicine across Canada with an affiliated TPRM supervisor during the summer months. (*Applications will not be accepted from applicants whose supervisors are not part of the TPRM*)

TPRM supervisors sponsoring candidates to this program must have a record of productive research and sufficient funding to ensure the satisfactory conduct of the research. A separate research project must be submitted for each student. The supervisor must be prepared to provide direct and continuous supervision during the term of the award in addition to attendance at program related events, such as the initial and final student presentations.

Application Instructions

(a) 6 copies of an application, which are required to be complete with the applicant's CV, up-to-date official transcripts and one (1) letter of reference (*sealed in an envelope by the supervisor*), should be sent to:

CIHR Training Program in Regenerative Medicine
585 University Avenue, Room 11C-1239
Toronto, ON M5G 2N2

(b) Candidates in their final year of an undergraduate program must submit evidence of registration in or application to a graduate university program.

(c) Candidates must disclose and provide information on any other awarded funding that they have applied for recently or received during the 2012 year. Please note that TPRM summer awardees will not be granted further funding if he/she has received an award that is greater than or equal to the face value of the TPRM award (\$4000). However, he/she will be granted access to TPRM lectures, academic resources and workshops.

Eligibility

Applicants will be registered in a Canadian based undergraduate degree program in a medical or health-related field. A student registered in a MD program, who may already hold an undergraduate or graduate degree, may also apply to the Summer Studentship program. Students, who are currently in their last term of their undergraduate degrees and have applied to either Medical School or a graduate program, may also apply, but they must submit evidence showing registration in or acceptance of the program.

Terms of Award

The award will fund successful candidates for 3 months during the period of May 18, 2012 to August 23, 2012. The award will provide funds to the Supervisors' sponsoring institution to be used as a stipend for the period of the award. The stipend is set at \$4000. Students must participate full-time in the project & program's outlined activities and may not change supervisors and/or projects during the term of the award.

Acknowledgements

The TPRM must be acknowledged in research results produced by program trainees and supervisors. The TPRM grant should be acknowledged as the *CIHR Training Program in Regenerative Medicine*, and the title of a trainee, who is part of the program, is a *CIHR Fellow in the Training Program in Regenerative Medicine*. The TPRM [logo](#) is available for any documentation and presentation purposes by contacting the TPRM office or through our website.

Summer Training Program Details

All funded summer awardees that are located in the Toronto area will be required to participate in the Summer Training Program that is offered in conjunction with the Industrial Bio Development Laboratory. Selected components of the program that are offered on-site in Toronto will be available through webcast for students, who are not local to the Toronto area.



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The summer training program consists of the following components:

- A. **Summer Student Lecture Series:** A three part lecture series dedicated to the professional and scientific development of summer trainees. Below is an overview of each lecture:

Research Project Development

Friday, May 18, 2012 9:00am – 10:00am (Astellas Conference Room: NCSB 11C-1135)

This seminar will focus on the key aspects involved in developing a research project. It will include tips on defining a good working hypothesis, how to select which experiments should be performed and how to analyze the data obtained. Relevant case studies in the area of biological and medical sciences will be examined to illustrate the principles under discussion.

Scientific Literature Analysis

Friday, May 25, 2012 9:00am – 10:00am (Astellas Conference Room: NCSB 11C-1135)

Journal articles can be very difficult to understand at first inspection. This seminar will focus on identifying the key areas of any journal article and how to extract the information necessary for understanding the author(s) objectives. It will also provide pointers on methods for summarizing and presenting results published in an existing journal article.

Tips for Creating and Giving a Scientific Presentation

Friday, June 1, 2012 9:00am – 10:00am (Astellas Conference Room; NCSB 11C-1135)

In both the academic and industrial fields, presentations are a common method of presenting and highlighting scientific results. This seminar will examine the two main components of scientific presentations including the design of the presentation and the act of giving the presentation. Examples of both poor and superior presentation techniques will be provided.

B. Initial Project Presentation

Friday, June 8, 2012 | 7:30 am – 12:15 pm: (Astellas Conference Room: NCSB 11C-1135)

This presentation is designed to provide summer trainees the opportunity to present their proposed research project to a broad scientific audience. It also allows summer trainees the possibility of obtaining feedback on their experimental proposal which may lead to new research directions.

C. Journal Club Presentation

Thursday, July 12, 2012 | 8:00 am – 3:30 pm: (Astellas Conference Room: NCSB 11C-1135)

The journal club presentation is designed to provide summer trainees the opportunity to utilize their scientific literature analysis skills to present an accurate summary of a published scientific finding. Journal articles for presentation will be provided to summer trainees at the start of their summer program and will be focused on the latest advancements in the regenerative medicine field.

D. Final Project Presentation

Thursday August 23, 2012 | 8:30 am – 4:00 pm: (Classroom #4, Knox College, King's College Circle)

This event is a summer trainee research day where all summer trainees will be given the chance to present their research project following a scientific conference format. TPRM principal investigators will be invited to attend and ask questions and share their feedback on the summer trainees' results. The summer trainee research day will also include a team building event such as a softball game at the conclusion of the presentations.

E. Final Report – August 31, 2012

Students will be required to submit a final report to the TPRM (with their supervisor's signature) upon completion of the award period. Additional information will be provided one month prior to the award period end date. Funding will be received by supervisors once receipt of the report is provided to the TPRM. In addition, CIHR requests yearly progress reports on all training programs and as such, trainee data will be requested by the



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CIHR IRSC

TPRM which will include the trainee's current status and institution, publication records, etc.

F. (Optional) Immunology Basics Lecture Series:

Highly recommended for students who are not familiar with immunology.

Part I : Thursday, June 14, 2012 | 8:00 am - 4:00 pm | Astellas Room: NCSB 11C-1135

Part II: Friday, June 15, 2012 | 9:00 am - 12:00 pm, 2:00 pm - 4:00 pm | Astellas Room: NCSB 11C-1135