

MEDITIS training program and scholarships admission competition guide

International Applicants (Graduate)

Deadline: June 15th, 2012

This document provides important information concerning the June 2012 admission competition rules, MEDITIS training program and scholarships. Applicants are encouraged to read this document carefully before preparing their application. The June 2012 competition is reserved for Master or PhD students who are not currently residents of Canada. Application forms are available on the MEDITIS program website: www.polymtl.ca/meditis/bourse/.

1. MEDITIS program Objectives

MEDITIS offers an enriched training environment in highly qualified health engineering (Biomedical Technologies), a rapidly expanding discipline. It provides, at all levels, an innovative and collaborative culture based on:

- ✓ **M**- A sustained and personalized coaching (**M**entoring);
- ✓ **E**- The acquisition of a broader vision, and international collaborative R&D in health-university-industry-patient-hospital (**E**xchanges);
- ✓ **DI**- Awareness of different application areas for R&D in health offering creative and innovative solutions (**D**evelopment and **I**nnovation);
- ✓ **T**- The development of professional and transdisciplinary skills necessary for researcher and versatile health engineers (**T**ransdisciplinarity);
- ✓ **IS**-... all in the field of Health Engineering (in French= Ingénierie de la Santé).

MEDITIS students benefit from the various activities of transdisciplinary training, accredited toward the enrichment of scientific, personal and professional skills. A multidisciplinary training committee supports the student by tracking progress, enhancing and overseeing instruction and promoting the student's overall success and development. At the Master's and PhD level, the focus is on complementary international training courses.

2. Deadline for sending your application: June 15th, 2012

3. Eligible candidates for this competition

- a. International students not currently studying in Canada;
- b. Students who begin their academic program at École Polytechnique or Université de Montréal between September 2012 and May 2013;
- c. Students whose research project is part of the Biomedical Science and Technology Research Group's (GRSTB - www.groupe.polymtl.ca/grstb/index.php) program.

NOTE: NSERC is only prepared to award a maximum of 30% of their overall grant amount to trainees not enrolled in the natural sciences and engineering (NSE) disciplines.

4. Direction of the student

The student must be co-supervised by two or three supervisors from different and complementary disciplines. At the time of filing the application, the supervision team may be determined according to one of the three following options:

- i. A member of the MEDITIS program has agreed to serve as research supervisor for the candidate and will provide a letter of support (The co-supervisor(s) may be determined at this time or later);

- ii. The candidate has reviewed the list of MEDITIS program members and their expertise and will provide a list of researchers who could potentially serve as his supervisors (a list of the MEDITIS program mentors can be found on the webpage: <http://www.polymtl.ca/meditis/mentor/>);
- iii. Based on the training and expertise of the candidate, the MEDITIS management Committee will assign him a supervisor.

5. Categories of financial support of MEDITIS program

a. Training awards:

MEDITIS offers training awards to students who participate in the program in order to ensure a minimum financial support of \$ 17,300 for a Master's and \$ 21,000 for a PhD, as prescribed by NSERC. The MEDITIS training award is up to 50% of this allowance (maximum contribution of \$ 8,650 for a Master's and \$ 10,500 for a PhD); the remaining 50% (or more) must come from the research director's funds and/or from another source. The research director is free to grant additional financial supplements.

Candidates are encouraged to apply to other scholarship competitions and excellence awards.

Candidates who already possess or who will possess one or more external scholarships are encouraged to apply for the MEDITIS training program to take advantage of the enhanced training environment. In such cases, the financial support offered by the MEDITIS program will depend on the amount of the external scholarship(s). If the total of all external grants is less than the minimum amount of financial support (i.e. \$ 17,300 for a Master's and \$ 21,000 for a PhD), then 50% of the difference is provided by MEDITIS, the other 50% from the research director's funds. If the total of all external grants exceeds this amount, the student is not eligible to accumulate a MEDITIS scholarship during his participation in the MEDITIS program.

The research director is free to afford scholarship supplements from eligible sources.

b. Funding of mobility

MEDITIS program students are eligible to receive financial support of mobility for their participation in international internships. The amount of financial support is based on the country and the duration of the internship. Exceptionally, if well justified, the internship could take place in Canada. No financial support is given for an internship taking place in the greater Montreal region (150 km radius).

The maximum amount of MEDITIS financial support for the international internship is calculated as follows:

Calculation of MEDITIS financial support for the international internship according to the host country

Maximum amount according to the host country	Canada	United States	Europe	Asia
Maximum amount for air tickets	\$ 500	\$ 500	\$ 1 000	\$ 1 200
Amount for living expenses (including housing), per month	\$ 500	\$ 1 000	\$ 1 000	\$ 1 000
Maximum amount	\$ 2 000	\$ 3 500	\$ 4 000	\$ 4 200

If necessary, the Director or co-director, or another source, will provide additional funding of mobility, for the difference between the cost of the internship and the maximum amount granted by the MEDITIS program.

6. Assessment of applications, June 2012 competition - international students

Applications will be evaluated according to the following criteria:

- Academic record
- Motivation, leadership, skills and experiences
- Cover letter describing the requested **4 points**: i) motivation of the candidate for the training program; (ii) his career goals; (iii) his main academic, professional and personal strengths; iv) his weaknesses and the knowledge, skills and competences he wishes to acquire, strengthen and/or develop by participating in the MEDITIS program.
- Depending on the status for the selection of the supervising team:
 - Research project highlighting the use of knowledge and transdisciplinary methodologies.
 - Letter in which the candidate explains his research interests and/or provides a list of researchers that may be chosen as research director.
- Letters of recommendation

7. Start of the payment of the grant

The payment of the scholarship cannot begin before the student is officially registered at École Polytechnique or Université de Montréal (a proof of registration will be required).

8. Contacts

Director of the MEDITIS program

Prof. Carl-Éric Aubin, Ph.D., Eng.

Full Professor

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All information requests regarding this competition for admission to the MEDITIS program should be directed to:

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www.polymtl.ca/meditis

Note: For the sake of readability and to avoid burdening the text, the male name is used in the generic sense through this document.