



**OFFICE OF RESEARCH SERVICES**  
**June 2006 - Newsletter**

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## Ryerson Celebrates Graduate Research

The Office of the Associate VP Academic and ORS were pleased to host an award event honouring student excellence in two areas. On Tuesday May 2<sup>nd</sup> four students were awarded the Graduate Student Research Article Writing Award. This competition was started 2002 and is a joint award program supported by Graduate Studies, the School of Journalism, University Advancement and the Office of Research Services. A condensed version of the winning articles will be published in the June IMPACT, an SRC newsletter published by the Office of the Associate Vice President, Academic. This program is also supported by the NSERC SPARK (Students Promoting Awareness of Research Knowledge) Program.

The award winners are:

- 1st prize, Sciences: Jon Bahen, MASc, Mechanical Engineering
- 1st prize, Social Sciences and Humanities: Ryan Bigge, MA, Communication and Culture
- 2nd prize: Cheryl Thompson, MA, Communication and Culture
- 3rd prize: Irene Berkowitz, PhD, Communication and Culture

The winning articles can be viewed on the ORS website "Showcase" at:

<http://www.ryerson.ca/ORS/showcase/index.html#2006AwardWinners>

The second award went to the two Ryerson internal candidates who were selected to submit their proposals to the national competition for the NSERC Innovation Challenge Awards. This is a national competition to recognize and reward imagination and innovation in thesis research with commercial potential. The NSERC Innovation Challenge Awards were created to foster a culture of innovation wherein students are encouraged to take their research findings and translate them into real-world applications having commercial potential. Ryerson supports this initiative in encouraging entrepreneurial spirit by offering two prizes for the best Ryerson submissions to this program.

The Ryerson internal candidates are:

- Ram Sah, Master of Applied Science, Environmental Engineering
- Danoush Hosseinzadeh, Electrical and Computer Engineering

Ryerson University is pleased to celebrate and recognize the valuable contributions made by Graduate Students in support of research and innovation.

*By: Jane Burns (with source documents from Mary Jane Curtis)*



President Sheldon Levy congratulates winners of the 2006 Graduate Studies Annual Writing Competition. From left: Jon Bahen, Ryan Bigge, President Levy, Cheryl Thompson and Irene Berkowitz.

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# ANNOUNCEMENTS

## NSERC DISCOVERY GRANT REALLOCATIONS EXERCISE

### 2007 Competition

[http://www.nserc.gc.ca/professors\\_e.asp?nav=profnav&lbi=a1\\_memo](http://www.nserc.gc.ca/professors_e.asp?nav=profnav&lbi=a1_memo)

NSERC completed its third [Reallocations Exercise](#) in July 2002. These results will remain in effect for the **2007** competition.

All disciplines were reallocated funds to support some of the proposals put forward in their submissions. As you prepare your application for a Discovery Grant, you should be aware of the specific purposes for which funds were reallocated to your discipline. You will find this information in Annexes A and B of the [NSERC Report on the 2002 Reallocations Exercise](#). A detailed description of the proposals supported can then be found in the text of the [Reallocations Submissions](#) for your discipline.

If the proposals supported are relevant to you (e.g., if your research is in an area for which funds were specifically reallocated), or if you incur research expenses for which your discipline received reallocated funds, mention this in your application. This will help the GSC decide if you should receive some of the reallocated funds.

**For applicants in chemistry, condensed matter physics and general physics**, in addition to the funds reallocated to your respective disciplines, funds were also specifically reallocated for interdisciplinary materials research. Consult the joint proposal [Interdisciplinary Materials Research](#). If you are planning, or are currently involved in, a chemist-physicist collaboration in an area pertinent to this initiative and incur additional costs as a result, include these in your budget. In the additional pages provided to describe your budget request in detail, use the heading "Interdisciplinary Materials Research" and, in one or two short paragraphs, list your collaborator(s), and describe briefly the nature of your collaboration and the costs for which support from Reallocations funds are being sought.

### The Reallocations Exercise and Mechanical Engineering (GSC 13)

In the recent Reallocations Exercise, GSC 13 received funds to support two specific proposals. (See the [Reallocations Exercise](#) for more details.)

In reviewing Discovery Grant applications, the Mechanical Engineering GSC used the following principles to assess whether an application merited consideration under each of the proposals:

#### Proposal 1 (Biomechanical Engineering)

While biomedical engineering is the most frequently used term to denote the applications of all engineering disciplines in the biological sciences, biomechanical engineering limits the area to those associated with the more traditional mechanical engineering topics. This means that the problems most often involve solid mechanics, fluid mechanics, dynamics, thermodynamics and heat transfer. Examples of applications of each of these topics include:

- **Solid Mechanics** – fundamental and applied studies of the properties and behaviour of the hard and soft tissues at both macro- and microscopic levels.
- **Fluid Mechanics** – understanding and assisting the flow of bodily fluids and gases including blood, urine and respiration.
- **Dynamics** – monitoring and predicting the kinematics and kinetics of motion for injury and disease causation, surgical approaches, rehabilitation and athletics.
- **Thermodynamic and Heat Transfer** – thermodynamics of interfaces, as well as heat and mass transfer and energy transfer considerations inside and outside the body.

In all the above areas, numerical modeling and the simulation and analytical evaluations of the processes and functions are often combined with both *in vitro* and *in vivo* studies that may also involve animal models. Development of novel experimental techniques and devices to advance measurement and investigation of biomechanical systems are also included. In addition, development of rehabilitation systems and aids for the mechanically handicapped are also included.

#### Proposal 2 (Alternative Energy Systems)

The research effort will be focused on systems or subsystems that:

- are based on new or emerging technologies, or on technologies that are not in widespread use;
- have the potential to replace conventional energy sources in ways that are more efficient and more environmentally friendly, or can make important contributions to sustainable development;
- have the potential for significant impact in their fields of application; and
- will address significant issues relevant to technologies such as, but not limited to:
  - polymer fuel cells;
  - solid oxide fuel cells;
  - wind turbines;
  - solar photovoltaic;
  - micro turbines;
  - other emerging energy systems; and
  - day lighting and passive solar heating in buildings.

If you have questions about the implementation of the Reallocations decisions, contact the NSERC [Program Officer](#) responsible for your GSC.

# ANNOUNCEMENTS (continued)

## OCE/EMERGING MATERIALS KNOWLEDGE NETWORK

### Second Annual Emerging Materials Knowledge Network Conference

June at the Renaissance Toronto Airport Hotel

[http://www.mmo.on.ca/EMK\\_Events.htm](http://www.mmo.on.ca/EMK_Events.htm)

This conference is open to all students, researchers, companies and individuals with an interest in emerging materials. There will be a keynote session followed by EMK academic presentations and ending with a dynamic EMK-industry panel on innovation needs and challenges in the emerging materials field.

Poster presentations (for industry, students and academics) and ample opportunity to network will be available through the day. Please note that there is limited availability for posters. To register a poster: contact [valerie.iannaci@oce-ontario.org](mailto:valerie.iannaci@oce-ontario.org).

For more information:

[http://www.mmo.on.ca/EMK\\_Events.htm](http://www.mmo.on.ca/EMK_Events.htm)

For program:

[http://www.mmo.on.ca/EMK/EMKConference-agenda-june16\\_2006.pdf](http://www.mmo.on.ca/EMK/EMKConference-agenda-june16_2006.pdf)

To register for the conference:

[http://www.mmo.on.ca/public/seminar\\_signup.asp?sem\\_key=171](http://www.mmo.on.ca/public/seminar_signup.asp?sem_key=171)

## NSERC NOTIFICATION OF INTENT TO APPLY (FORM 180)

**Deadline:** August 1

[http://www.nserc.gc.ca/professors\\_e.asp?nav=profnav&lbi=a1\\_memo](http://www.nserc.gc.ca/professors_e.asp?nav=profnav&lbi=a1_memo)

All researchers who intend to apply for a Discovery Grant (including a University Faculty Award [UFA] or a Project Research Grant in Subatomic Physics) in the 2007 competition must submit a NOI (Form 180) and related documents.

Note that Form 180 is an important part of the review process. Failure to submit it will prevent the selection of external referees, and may thus have an adverse impact on the review of your application.

If you do not intend to apply this year, please let NSERC know by sending an e-mail before August 1, 2006 to [coord@nserc.ca](mailto:coord@nserc.ca) indicating that you will not apply.

If you do intend to apply, NSERC offers two different options for preparing and submitting your Form 180.

Before you start, you must read or consult the following documents:

- the instructions on how to complete [Form 180](#);
- NSERC's [eligibility criteria](#);
- the results of [Reallocations Exercise](#).

If you are applying to the Inorganic/Organic Chemistry, Analytical/Physical Chemistry, Condensed Matter Physics, General Physics or Mechanical Engineering GSC, also consult NSERC the announcement on the Discovery Reallocations Exercise (NSERC website link at:

[http://www.nserc.gc.ca/professors\\_e.asp?nav=profnav&lbi=a1\\_memo](http://www.nserc.gc.ca/professors_e.asp?nav=profnav&lbi=a1_memo)

# ANNOUNCEMENTS (continued)

The 2006 version of the Instructions and Forms will be available on the NSERC Web site as of August 8, 2006; however, you may start preparing your application now using the current version of the forms.

## Option 1: Electronic Submission of Your Form 180

If you are planning to complete and submit your Form 180 electronically, you should access the form through the [On-line Services](#).

Note: When you submit the form electronically, NSERC will send you an acknowledgement of receipt via e-mail. The status of the form on your My Portfolio page will also change to Received within three business days. Do not send a paper version of your completed form by mail – NSERC will use only the electronic version.

## Option 2: Submission by Mail

There are two ways of preparing your Form 180 if you are submitting it by mail:

Completing Form 180 on line: You will have to access the form through the [On-line Services](#).

Completing the PDF version of Form 180: You will have to access the [PDF version](#) of Form 180, print a blank Form 180 (from the File menu bar at the top of the page, select File, then Print), and complete the form using a typewriter.

Then, mail the appropriate number of copies of the form, along with the required appendices to:

NSERC, 350 Albert Street, Ottawa, Ontario, K1A 1H5

Please send your advance material to NSERC as soon as possible (but no later than August 1, 2006). This information allows NSERC to start planning some aspects of the review process, including preliminary GSC assignments and the selection of appropriate external referees.

Questions regarding the On-line Services can be directed to the NSERC Helpdesk, Monday to Friday from 8:30 a.m. to 5 p.m. (EDT). The NSERC Helpdesk can be reached by telephone at (613) 995-4273 or by e-mail at: [webapp@nserc.ca](mailto:webapp@nserc.ca).

## NSERC Announcement on the MAJOR RESOURCES SUPPORT (MRS) formerly Major Facilities Access Notification of Intent to Apply (Form 181)

**Deadline:** August 15, 2006 (for this competition only)

The Major Facilities Access (MFA) program is currently under revision and will be replaced by a new program: the NSERC Major Resources Support (MRS) program.

The new program literature will be posted in the summer of 2006 on the NSERC website.

ORS will announce the new description terms and instructions to applications prior to the NOI deadline.

## NSERC ANNOUNCEMENT

### Important Change to the Personal Data Form (Form 100) APPENDIX D (HQP Consent)

[http://www.nserc.gc.ca/professors\\_e.asp?nav=profnav&lbi=a1\\_memo](http://www.nserc.gc.ca/professors_e.asp?nav=profnav&lbi=a1_memo)

As part of Form 100, NSERC applicants are required to describe their contributions to the training of highly qualified personnel (HQP) by providing certain details about the individuals they have trained or supervised. Due to federal Privacy Act rules governing the collection of personal information, applicants are now required to obtain consent from these individuals before providing personal data about them to NSERC.

To help the applicant obtain this consent, NSERC has created a form called [Appendix D \(Form 100\) – Consent to Provide Limited Personal Information About Highly Qualified Personnel \(HQP\) to NSERC](#). NSERC is making this form available in advance of the Discovery Grants application deadline to give you extra time to collect the required signatures.

When using this form to seek consent, you will need to assure the individual that the information collected will only be used by NSERC for the purpose of assessing your contribution to HQP training. You must keep these signed consent forms on file and, if requested, make them available to NSERC.

In cases where it proves difficult or impossible to obtain consent, you will still be able to list contributions to training using generic data and descriptions that do not identify those supervised.

## UPCOMING DEADLINES

June 12 – 2006 NSERC Steacie Fellowships, Internal Deadline (for ORS review and University endorsement)  
July 4 – External (NSERC) Deadline

June 30 – Wellesley Institute: Advanced Grants

August 15 – Registration for CIHR Seed Grant: International Opportunity Program (IOP) – Development/Program Grants

August 15 – Registration for CIHR International Opportunity Program (IOP) – Collaborative Research Project Grants

August 15 – Registration for CIHR Operating Grants

August 15 – Registration for CIHR New Investigator Salary Award

August 28 – NSERC IDEA TO INNOVATION (I2I) PROGRAM, Internal Deadline  
September 29 – External (NSERC) Deadline

September 22 – SSHRC Research/Creation Grants in Fine Arts for Artist-Researchers Affiliated with Canadian Postsecondary Institutions

October 1 – CIHR: International Scientific Exchanges

October 15 – SSHRC Standard Research Grants

November 1 – CIHR Pilot Projects – Gender, Globalization and Health

Any time – NSERC: Agriculture and Agri-Food Canada (AAFC)/NSERC Research Partnerships Program

Any time – NSERC Northern Research Internships

## ONLINE GUIDES

### CIHR: Grants and Awards Guides

<http://www.cihr-irsc.gc.ca/e/805.html>

### NSERC: Use of Grants Funds

[http://www.nserc.gc.ca/professors\\_e.asp?nav=profnav&lbi=f3](http://www.nserc.gc.ca/professors_e.asp?nav=profnav&lbi=f3)

### SSHRC: Using your Funds

[http://www.sshrc.ca/web/using/using\\_e.asp](http://www.sshrc.ca/web/using/using_e.asp)

## HOLD THE DATE

### AGRI-FOOD INNOVATION FORUM BIO World Congress on Industrial Biotechnology & Bioprocessing

Toronto, July 11-14, 2006

Toronto Westin Harbour Castle Hotel

<http://www.agrifoodforum.com/english/index.html>

The second annual Agri-Food Innovation Forum is an elite gathering of researchers, academics and executives involved in bioproduct innovation in Canada and beyond. Held in conjunction with the [BIO World Congress on Industrial Biotechnology and Bioprocessing](#), the event will present distinguished experts and their vision, experience and success stories in this globally significant new market.

The Agri-Food Innovation Forum will take place at the Toronto Westin Harbour Castle Hotel, starting with a joint BIO-Forum Welcoming Reception the evening of July 11, followed by a half day Forum on the morning of July 12, with Canadian plenary speakers focusing on the 2006 theme: Celebrating Excellence in Canadian Industrial Bioproducts. At noon on July 12, the Forum wraps up and the BIO World Congress begins.

#### Topics include:

- Bioproducts Opportunities in the Auto Sector
- Industrial Chemicals from Bio-Sources
- Bio-Fuels and Energy
- Valuable Industrial Bio-Fibres

#### ORGANIZERS

The Agri-Food Innovation Forum is a coordinated effort of Agriculture and Agri-Food Canada, Ontario Ministry of Agriculture, Food and Rural Affairs and Ontario Agri-Food Technologies. Funding is provided through the Agricultural Policy Framework, an agreement among the federal, provincial and territorial governments, to make Canada a world leader in agricultural science and innovation. The Forum is endorsed by the Agricultural Research Institute of Ontario.

# TRI - AGENCY FUNDING OPPORTUNITIES

## NSERC - Natural Sciences and Engineering Research Council of Canada

<http://www.nserc.gc.ca/index.htm>

### NSERC STEACIE FELLOWSHIPS

#### Nomination Deadlines

**June 12, 2006 Internal ORS for**

**University endorsement**

**July 4, 2006 at NSERC**

**Application is by nomination by a senior Canadian researcher with endorsement by the university involved**

[www.nserc.gc.ca/steacie/nominate\\_e.htm](http://www.nserc.gc.ca/steacie/nominate_e.htm)

The Steacie Fellowships are awarded to enhance the career development of outstanding and highly promising university faculty who are earning a strong international reputation for original research. Candidates should have obtained their doctorate within the last twelve years and hold a current grant from NSERC.

Application is by nomination by senior members of the Canadian science and engineering community and the nominations must be endorsed by the executive head of the candidate's university.

Ryerson faculty members proposed for the 2007 Steacie Fellowship should contact ORS as soon as possible (by June 12 at the latest). The University will review all nominations internally prior to making a decision as to whether or not they are demonstrably outstanding and will be endorsed for submission to NSERC.

Further information on eligibility and the nomination details is available on the NSERC website:

[www.nserc.gc.ca/steacie/nominate\\_e.htm](http://www.nserc.gc.ca/steacie/nominate_e.htm)

### NSERC NORTHERN RESEARCH INTERNSHIPS

**Deadline:** Anytime to NSERC

[http://www.nserc.ca/sf\\_e.asp?nav=sfnav&lbi=nri](http://www.nserc.ca/sf_e.asp?nav=sfnav&lbi=nri)

NSERC Northern Research Internships supports third and fourth year undergraduate students, graduate students and postdoctoral fellows pursuing studies in the Canadian North by facilitating extended stays and subsidizing the costs associated with activities in the North. Up to 30 awards per year are available with a high success rate (80-90%).

- For the purposes of the program, Canada's North is defined as the land- and ocean-based territory that lies above the line of discontinuous permafrost, from northern British Columbia to northern Labrador.
- Organizations not located in the North but which have land or offices in the North and that interact with Northerners may be considered.

The award value is \$375 per week depending upon eligibility for 12-16 weeks and a \$4,000 allowance allocated for travel and logistics.

Eligibility applicants must be a Canadian citizen or permanent resident of Canada; an undergraduate student in the third or fourth year of their program or a graduate student, or have received a Ph.D. in the natural sciences or engineering, within the past five years; and have secured a formal agreement with a northern partner, who will contribute financially to the internship or will provide in-kind support.

Further information can be found on the NSERC website at:

[http://www.nserc.ca/sf\\_e.asp?nav=sfnav&lbi=nri](http://www.nserc.ca/sf_e.asp?nav=sfnav&lbi=nri)

### AGRICULTURE & AGRI-FOOD CANADA (AAFC)/ NSERC RESEARCH PARTNERSHIPS PROGRAM

**Deadline:** Any time

[http://www.nserc.ca/professors\\_e.asp?nav=profnav&lbi=b5\\_4](http://www.nserc.ca/professors_e.asp?nav=profnav&lbi=b5_4)

The program is designed to support research, research training and commercialization activities (pilot projects) through funding of well-defined collaborative projects involving university and college researchers and the agriculture and agri-food industry. The program supports research in the following areas: Environmental Health, Sustainable Production Systems (Animal and Plant), Bioproducts and Bioprocesses, and Food Safety and Quality.

Direct project costs are shared by the industrial partner(s), AAFC and NSERC. Projects may range from one to five years in duration but most awards are for two or three years. Maximum funding level: \$200,000 per year

**Research Priorities:** Proposals should fall within the following AAFC priority research areas as defined under the Agricultural Policy Framework. Applicants are encouraged to consult with AAFC researchers in one or more of AAFC's National Science Programs to explore opportunities to establish complementary research programs, noting, however, that grants are available only to support university research. Priority areas for research are:

#### **Environmental Health**

- Agricultural technology to improve sustainability of production systems
- Indicators of Environmental quality
- Modeling systems to measure impact on agriculture
- Management systems for protection of water, and air quality
- Biodiversity

# TRI - AGENCY FUNDING OPPORTUNITIES (continued)

## **Sustainable Production Systems - Animals**

- Development of science-based animal welfare standards
- Development of new, value-added animal products
- Feeding, and animal housing management systems minimizing environmental impact
- Animal reproductive technologies

## **Sustainable Production Systems - Plants**

- Development of new, value-added plant products
- Crop Breeding technologies
- Pollination technology
- Post Harvest technology

## **Bioproducts and Bioprocesses**

- Development of technologies to produce specialty products from plant and microbial resources
- Genetic technologies to improve the exploitation of plant and animal genomes
- Technologies to develop useful bioproducts from amino acids, proteins and metabolites in biological systems
- Bioinformatics

## **Food Safety and Quality**

- Linkage between agricultural production systems and ultimate product safety and quality
- Strategies to reduce contamination and improve standards of food quality throughout the food chain
- Consumer acceptability and nutritional quality; quality maintenance in storage and processing
- Processing and preservation techniques
- Novel foods
- Food Waste treatment, recovery and alternative uses

Projects can be at any point in the R&D spectrum that is consistent with the university's research, training and technology transfer mandate. Eligible collaborations include focused projects with specific short- to medium-term objectives and also those that are discrete phases in a program of longer-term research. Projects that focus on the routine application of existing technology, provide routine analysis, collect data without interpreting underlying mechanisms, or provide professional practice or consulting services are not eligible.

**Eligibility:** open to eligible faculty members of Canadian universities under the usual NSERC guidelines. Collaboration with AAFC researchers is encouraged but they cannot receive funds from the program.

**Industrial Participation:** The Partner Eligibility Guidelines section of the [Guidelines for Organizations Participating in Research Partnerships Programs](#) should be consulted to determine the eligibility of the industrial partner to participate in the program. All applications must be supported by at least one participant from the industrial sector. The nature of this support will generally be a cash contribution equal to one third of the direct research costs of the project. In-kind contributions may also be considered for leveraging.

For a full discussion of eligible in-kind contributions and appropriate cost-sharing ratios, refer to the Guidelines for Evaluating Cost-Sharing Ratios and In-kind Contributions in University-Industry Collaborations.

In exceptional circumstances, applications without industrial support or involving exclusively in-kind support from industry will be accepted and funding may be provided by AAFC and NSERC on a 50/50 cost-shared basis. In such cases, applicants must provide strong justification and documentation of an exceptional opportunity to advance research in one of the program's identified priority research areas. Applicants must also describe the potential economic impact of the proposed research on Canada and present a plan for increasing the awareness and involvement of Canadian industry in this new field.

NSERC's [Policy on Intellectual Property](#) supports the premise that every effort should be made to exploit the results of AAFC/NSERC-funded research in Canada, for the benefit of Canadians. For most projects, a copy of the final, signed agreement between the industrial partner and the university must be provided to NSERC for review before the funds can be released.

**Application Procedures:** Applications may be submitted at any time using Forms 100, 101 and 183a. Full instructions for professors and their industrial sponsors for completion of the forms and for on-line submission are found on NSERC's On-line Services page. It is not necessary to submit an additional application to AAFC. Decisions on funding of AAFC/NSERC grants are usually made within three to five months of receipt of a complete application.

**Additional Information:** Questions about the program, its objectives, policies, completion of forms, etc. should be addressed to:

Doris Braslins  
Account Manager, Bio-Industries,  
Research Partnerships Programs  
NSERC  
Tel.: (613) 996-7229  
Fax: (613) 992-5337  
E-mail: [doris.braslins@nserc.ca](mailto:doris.braslins@nserc.ca)

**Further details are available  
on all programs on the ORS  
website (forms)**

[http://www.ryerson.ca/ors/topbar/forms/  
index.html](http://www.ryerson.ca/ors/topbar/forms/index.html)

# TRI - AGENCY FUNDING OPPORTUNITIES (continued)

## CIHR – CANADIAN INSTITUTES FOR HEALTH RESEARCH

<http://www.cihr-irsc.gc.ca/e/>

### CIHR New Investigator Award

<http://www.cihr-irsc.gc.ca/e/22372.html>

#### Deadlines:

**ORS Internal Deadline:** July 15

**CIHR Registration Deadline:** August 15

**Full application:** September 15

This program provides recognition and support to researchers early in their careers as independent investigators. This program is intended to provide the opportunity for new investigators to develop and demonstrate their independence in initiating and conducting health research. CIHR's contribution to the investigator's salary is \$50,000 per annum for a maximum of five years. The award is not renewable. In addition, CIHR will refund the employer's share of contributions to employee benefit plans in which the institution staff members participate. This refund will be in the same proportion as CIHR's share of the salary support.

#### Contact:

Andrew Horne  
New Investigators, Program Delivery  
Coordinator Research Capacity  
Development

Tel: (613) 954-1960; e-mail:

[NewInvestigators@cihr-irsc.gc.ca](mailto:NewInvestigators@cihr-irsc.gc.ca)

### Seed Grant:

#### International Opportunity Program- Development/Planning Grants

#### Deadlines:

**Registration:** August 15

**Full application:** September 15

<http://www.cihr-irsc.gc.ca/e/30812.html>

IOP - Development/Planning Grants assist Canadian researchers to explore, develop and establish new international collaborations with foreign researchers.

These one-time grants support Canadian participation in the initial (pre-research) stages of international cooperation, and developmental activities (e.g. workshops, seminars, and planning meetings) designed to lead to new international collaborations.

The IOP - Development/Planning Grant Program offers two cycles per year. The next competition will be launched December 2006.

**Funds Available:** The total amount available for both cycles of the IOP-Development/Planning Grant Program is \$1,000,000. A one-time IOP-Development/planning grant is up to a maximum of \$ 25,000 for the fiscal year in question.

#### For questions contact:

Grace Almasi

Program Delivery Coordinator

Tel: 613 941-3420

E-mail: [galmasi@cihr-irsc.gc.ca](mailto:galmasi@cihr-irsc.gc.ca)

### CIHR Operating Grants

#### Deadlines:

**Registration:** August 15

**Full application:** September 15

<http://www.cihr-irsc.gc.ca/e/22377.html>

The objective of the CIHR Operating Grants program is to contribute to the creation, dissemination and use of health-related knowledge, and to help develop and maintain Canadian health research capacity, by supporting original, high quality projects proposed and conducted by individual researchers or groups of researchers, in all areas of health research. All applicants must register their intention to apply for a new or renewal Operating Grant one month before the deadline date for the full application. The mandatory deadline dates for receipt of the full application for both new and renewal applications are September 15 and March 1. The mandatory registration deadline dates are August 15 and February 1, respectively.

### Applications for which there has been no registration will not be accepted.

The Operating Grants program also supports:

- Pilot Projects and Feasibility Studies
- Programmatic Operating Grants

### International Opportunity Program- Collaborative Research Project Grants Deadlines:

**Registration:** August 15

**Full Application:** September 15

<http://www.cihr-irsc.gc.ca/e/30802.html>

The total amount available for the IOP - Collaborative Research Project Grants Program for FY 2006/07 is \$1,000,000. A one-time IOP - Collaborative Research Projects Grant is up to a maximum of \$100,000 for the fiscal year in question.

The IOP - Collaborative Research Project Grants enable Canadian researchers to participate in major international research projects and gain access to cutting edge research and technologies that are not currently available in Canada. These one-time grants enable Canadian researchers to participate in international research projects approved for funding by foreign entities but, Canadian participants are not eligible for the foreign support and are required to secure their own funding in order to participate in the research collaboration. The Collaborative Research Project Grants program supports a limited number of international collaborations that are in mutual areas of health research priorities to CIHR and/or the Institutes, and the foreign researcher(s) and cannot be funded through available CIHR programs.

#### For more information contact:

Grace Almasi

Program Delivery Coordinator

Tel: 613 941-3420

E-mail: [galmasi@cihr-irsc.gc.ca](mailto:galmasi@cihr-irsc.gc.ca)

# TRI - AGENCY FUNDING OPPORTUNITIES (continued)

## CIHR: International Scientific Exchanges

**Deadline:** October 1

<http://www.cihr-irsc.gc.ca/e/22391.html>

CIHR participates in six programs, each with a separate agreement, which are intended to foster collaboration between independent investigators in Canada and those in Argentina, Brazil, China, France and Italy. These programs are:

- [CIHR-CONICET \(Argentina\) Agreement](#)
- [CIHR-CNPq \(Brazil\) Agreement](#)
- [CIHR-NNSFC \(China\) Agreement](#)
- [CIHR-CNRS \(France\) Agreement](#)
- [CIHR-INSERM \(France\) Agreement](#)
- [CIHR-CNR \(Italy\) Agreement](#)

Each Memorandum of Understanding provides that each agency should make available to the other an annual quota of a specific number of research-months. Canadian scientists visiting the foreign country agency will receive a living allowance from that agency and a travel allowance from the Canadian Institutes of Health Research to cover return economy airfare between their city of residence in Canada and the city in which the host laboratory is located. Foreign scientists visiting Canada will receive a living allowance from CIHR and a travel allowance from their country's agency.

Application forms for these programs are available on CIHR's website, except for the CIHR/NNSFC (China) program which is available upon request. The name of the agreement under which support is sought should be typed prominently at the top of each page. For all programs, the deadline for applications is October 1 and decisions from CIHR are available the following January. If approved by CIHR, the application will then be submitted to the foreign agency. Please note that some agencies may take up to three months to approve an application.

## CIHR: Pilot Projects - Gender, Globalization and Health

**Registration Deadline:** November 1

**Full Application Deadline:** January 25, 2007

<http://www.cihr-irsc.gc.ca/e/31109.html>

The purpose of this Request for Applications (RFA) is to provide investigators in Canada, in the U.S.A and in lower middle-income countries (LMICs) the opportunity to conduct research and build research capacity focused on priority issues pertinent to *Gender, Globalization and Health*. The Institute of Gender and Health (IGH) at the Canadian Institutes for Health Research (CIHR), along with its partners at the National Institutes of Health in the U.S.A. invite applications for **Pilot Project Grants** for research that fosters the current research internationally in the area of *Gender, Globalization and Health*, and strengthens North-South collaboration in gender global health research, including the building of interdisciplinary teams for research and research training opportunities. The Fogarty International Center, the international component of the NIH, addresses global health challenges through innovative and collaborative research and training programs and supports and advances the NIH mission through international partnerships.

Eligible research areas have been identified through national and international consultations and include food security and nutritional well-being, HIV/AIDS, tobacco and addictions, occupational health and safety, mental health, infectious diseases, violence, reproductive health public-private partnerships for health. Other cross-cutting research priorities include human rights and ethics, socioeconomic status and poverty, lifespan from early childhood through aging, and health (and health-related) systems.

**Contact:**

Christine Charrette

Program Officer

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## SSHRC - Social Sciences and Humanities Research Council of Canada

[http://www.sshrc.ca/web/apply/program\\_index\\_e.asp](http://www.sshrc.ca/web/apply/program_index_e.asp)

### STANDARD RESEARCH GRANTS

**Deadline:** October 15

[http://www.sshrc.ca/web/apply/program\\_descriptions/standard\\_e.asp](http://www.sshrc.ca/web/apply/program_descriptions/standard_e.asp)

The broad purpose of the Standard Research Grants program is to support research and develop excellence in research activities in the social sciences and humanities.

The specific objectives of the program are to:

- support high quality independent programs of research, as proposed by scholars and judged by their peers;
- provide opportunities for the training of future researchers;
- contribute to the development or elaboration of new theoretical or methodological approaches to research;
- maintain and develop vigorous disciplinary research activities;
- foster and develop vigorous collaborative, multidisciplinary research activities among researchers in the social sciences and humanities; and
- assist the communication of research results both within and beyond the academic community.

Standard Research Grants are available for three-year programs of research. The value of these grants is up to a maximum of \$100,000 per year, but not totaling more than \$250,000 in a three-year period. Applications for a Standard Research Grant may be submitted by an individual researcher or a team of researchers (one applicant/principal investigator plus one or more co-applicants/co-investigators and/or collaborators).

For a list of Program Officers for specific committees see:

[http://www.sshrc.ca/web/apply/background/standard\\_officers\\_e.asp](http://www.sshrc.ca/web/apply/background/standard_officers_e.asp)

# OTHER FUNDING OPPORTUNITIES

## The Wellesley Institute

**Deadline:** Letter of intent due June 30  
<http://wellesleyinstitute.com/research/research-grants/advanced-grants>

Continuing in our commitment to support innovation in community-based research (CBR) on the Social Determinants of Health, the Wellesley Institute will award 4 grants of up to \$80,000 to support CBR on the impact of income distribution on health.

We are looking for research that focuses on community level interventions and/or approaches for addressing these issues. Priority is given to research projects that meaningfully involve community members in all aspects of the research process, are policy-relevant and are methodologically rigorous.

We encourage applications that are submitted in partnerships between community agencies, policy makers and academics. We ask that grantees be willing to engage in constructive conversations with policy advisors at the municipal, provincial and/or federal levels.

Examples of relevant research questions might include:

- How have disadvantaged neighbourhoods or communities built up their own resources and networks to lessen the adverse effects of inequality? What factors contribute to the health disparities experienced by comparably disadvantaged neighbourhoods? (i.e. Why do some low-income neighbourhoods do better than others?)
- Community Health Centres, neighbourhood agencies and other providers address the health impact of poverty in their service delivery. What have been the most promising policy and programme directions that put social determinants of health perspective into practice? How do you measure success?

- What are successful models for reducing barriers to health care access for low-income people?
- How do capacity building programs (e.g. job skills training, social enterprises, etc) affect individual and/or community health? What are the relevant explanatory pathways?

We also welcome other innovative CBR proposals focusing on alleviating the impacts of poverty and income inequality on health.

Advanced Community-Based Research Awards are available for projects of up to two years in length. Letters of intent are no more than 5 pages.

Contact:  
Sarah Flicker  
Director, Research  
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## Max Bell Foundation

**Deadline:** Any time  
<http://www.maxbell.org/index.htm>

Final decisions on grant proposals are made by the Foundation's Board of Directors. The Board meets three times each year, usually in May, September, and December. Applications are accepted throughout the year, and the Foundation requires three to six months of lead time to work with proposals prior to each Board Meeting.

The Max Bell Foundation is a Canadian independent granting foundation that pursues its mission and strategic priority by supporting Canadian registered charities with project grants and internship/fellowship grants. The Foundation reflects the spirit and intent of its founder to improve Canadian society. They encourage the development of innovative ideas that impact public policies and practices with an emphasis on health and wellness, education, and the environment.

## Strategic Priority:

Ongoing shifts in the social, economic, and technological fabrics of Canadian life bring extraordinary changes to our society and to the public policy arena. The Foundation supports work that helps Canadians adapt to those changes while positively impacting the quality of life in our communities. The current strategic priority is to support projects which educate Canadians about public policy and practice alternatives. The Foundation provides the following working definition of public policy to aid those considering applying for a Max Bell Foundation grant.

Public policy has two distinct but related meanings:

(1) On one hand, it refers to official *statements of principles* that guide the activities of organizations operating in the public interest (including governments, non-profit organizations, citizen associations, etc.) at the local, municipal, regional, provincial, or national level. These statements can include legislation, resolutions, regulations, appropriations, and/or court decisions.

These statements can include legislation, resolutions, regulations, appropriations, and/or court decisions. Public policy statements are made by individuals or organizations with requisite legal and/or corporate authority, such as elected or appointed committees, officials, executives, etc.

(2) On the other hand, public policy refers to the *programs and administrative practices* undertaken by organizations operating in the public interest.

## The Foundation's Program Areas are:

- Health & Wellness
- Education
- The Environment

# Who is Who at ORS

Who is Who at ORS: put a face to the name

**Paul McArthur**  
**Grants/Contracts Officer**  
**(Infrastructure Programs)**  
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e-mail: [pmcarth@gwemail.ryerson.ca](mailto:pmcarth@gwemail.ryerson.ca)



Paul McArthur is the newest member of our team in the Office of Research Services. He joined Ryerson in April 2006 and comes to us from the University of Toronto where he served as the university's Intellectual Property Officer – handling the nuances of incoming discoveries, associated contractual obligations to sponsors, inter-institutional joint ownership and revenue sharing agreements, intellectual property assignments and related revenue distributions.

Prior to entering the university environment Paul worked as a Business Development Manager in the media industry and as an Electronics Buyer in the high-sector during the technology boom.

In our Office of Research Services, Paul will be working with the research community and our sponsors on infrastructure related projects. The federal Canada Foundation for Innovation (CFI) and the provincial Ministry of Research and Innovations (MRI) are the main funding agencies Paul will be handling. He is looking forward to meeting the research community here at Ryerson and expanding the existing infrastructure to increase Ryerson's range of research equipment and national competitiveness.

Outside the office, Paul enjoys strength training, hiking, tennis and kayaking.

# ORS CONTACT INFORMATION

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