

Ryerson celebrates its Canada Research Chairs

On March 21st, over 120 guests attended a reception hosted by the Office(s) of the President and Associate Vice President, Academic, at Ryerson's George Vari Engineering and Computing Centre, to celebrate Canada Research Chairs at Ryerson University and to honour its newest recipient, Dr. Krishna Kumar, Tier 2 Canada Research Chair in Space Systems Engineering. Dr. John ApSimon, Executive Director, CRC, presented Dr. Kumar with a framed congratulatory letter from the Prime Minister's Office.

External guests in attendance included Ken Knox, President and CEO and David Bogart, Executive Vice President, Chief Operating Officer both of the Ontario Innovation Trust as well as research partners representing industry, university and government from the University of Toronto, the Ontario Aerospace Council, Honeywell Canada, The Ontario Cancer Institute, Hatch Engineering and Materials and Manufacturing Ontario.

" It's a great success story for Ryerson" said John ApSimon, Executive Director of the CRC Program. "They (Ryerson) have nominated first-class people ".

Showcasing their research work with informative displays and posters were Ryerson's six Canada Research Chairs and their research collaborators and partners. Dr. Irene Gammel, Tier 1 CRC in Modern Literature and Culture; Dr. Ling Guan, Tier 1 CRC in Multimedia and Computer Technology; Dr. Michael Kolios, Tier 2 CRC in Biomedical Applications of Ultrasound, Dr. Mohamed Lachemi, Tier 2 CRC in Sustainable Construction; Dr. Gideon Wolfaardt, Tier 2 CRC in Environmental Interfaces and Biofilms.

" It's wonderful to give students the opportunity to really learn hands-on about research in literature, photography and so forth", said Dr. Gammel, "I appreciate that (mentoring) aspect very much."

" This is a real tribute," said President Sheldon Levy. "The Canada Research Chairs become, in a very real way, the leaders and mentors of other academics as they pursue their own research careers... It speaks very highly of where Ryerson is and where we're headed. "

For more information about Ryerson's Canada Research Chairs please see:

http://www.ryerson.ca/ORS/research_chairs/canada_index.html

*Mary Jane Curtis, Coordinator
Communications and Internal Programs
Office of Research Services*



Dr. Krishna Kumar, CRC in Space Systems Engineering



(left to right) Sheldon Levy, President, John ApSimon, Executive Director of the CRC program, Dr. Krishna Kumar, CRC in Space Systems Engineering, Dr. Judith Sandys, Associate Vice President, Academic (Research and International Development)

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UPCOMING ORS EVENTS

RYERSON RESEARCH CHAIR SEMINAR SERIES

2005 Ryerson Research Chair Award Winner:

Dr. DENNIS DENISOFF,

English Department, Faculty of Arts

"Hypertextual Archiving, Victorian Visuality, and the *Yellow Book*"

**Thursday, April 20, 2006, EPH 441, Eric Palin Hall
87 Gerrard Street East**

2:00 p.m. – Light refreshments

2:30 p.m. – 3:30 p.m. – Presentation

Nineteenth-century paper manufacturing – with its innovations of pulp construction and chemical modification – has resulted in much of the material from the century disintegrating at a quicker rate than material printed even centuries earlier. While this has made the need for hypertextual archives all the greater, simulating electronically the three-dimensional books, periodicals, and newspapers before they turn to dust is inevitably a process of accommodation. Still, digital tools can do more than preserve aspects of deteriorating artefacts, also offering fresh means of framing and exploring emergent theoretical questions. Ryerson's *Yellow Book* Project will allow students and scholars to ask questions that were difficult – if not impossible – to begin answering previously and to recognize social, cultural, and textual patterns that were not visible before. Using the *Yellow Book* Project at its present stage of development, Dr. Dennis Denisoff will demonstrate how such an archive can offer new ways of seeing and theorizing the past.

For more information, please visit: <http://www.ryerson.ca/ORS>

New Grant Financial Management Workshop

New Grant Financial Management Workshop This session is an introduction for new CIHR, NSERC and SSHRC award holders on how best to manage their awards.

Topics covered:

- Agency Guidelines
- Using Your Funds
- Eligibility of Expenses, etc.

Tuesday, April 25, 2006

3:00 p.m. - 4:30 p.m. Eric Palin Hall Room 441.

UPCOMING DEADLINES

April 14 – OCE/Centre For Earth and Environmental Technologies, Agriculture Research, Expressions of Interest: Greenhouse Technologies & Viticulture

April 14 - OCE/Centre for Earth and Environmental Technologies, Resource Management Cluster, Expressions of Interest: Forest Inventory Management, Mineral Exploration & Security

April 15 – SSHRC Gold Medal for Achievement in Research

April 17 – NSERC Innovation Challenge Awards

April 21 – Wellesley Central Health Corporation, Enabling Research Awards

April 30 – Research Data Centre Funding, Internal Ryerson Funding Program

May 1 - New Media R&D Initiative, Department of Canadian Heritage

May 1 - NSERC: The Brockhouse Canada Prize for Interdisciplinary Research in Sciences and Engineering

May 1 - NSERC: Gerhard Herzberg Canada Gold Medal for Science and Engineering

May 1 - Letter of Intent; NSERC/CIHR Collaborative Health Research Projects (CHRP)

May 5 - SSHRC Community-University Research Alliances, Letter of Intent

May 5 - Ontario Research and Innovation Optical Network Orion Awards

May 10 – Research Assistant Program, Ryerson Internal Funding Program

May 15 - NSERC (Internal ORS for University endorsement): 2006 Synergy Awards for Innovation May 31, 2006 at NSERC

May 15 - NCE/Mathematics of Information Technology and Complex Systems

May 25 - SSHRC: Northern Research Development Program

May 25 - CIHR Knowledge Translation Award

June 20 – NSERC Strategic Network Grants Program

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

October 15 – SSHRC Standard Research Grants

To attend any of the ORS sessions, please RSVP to the Office of Research Services, Kathy Peter @ kpeter@ryerson.ca or by telephone at Ext. 7277.

April 2006

TRI - AGENCY FUNDING OPPORTUNITIES

NSERC - Natural Sciences and Engineering Research Council of Canada

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

NSERC INNOVATION CHALLENGE AWARDS

Deadlines:

April 17 (Proposal to ORS for internal review / selection)

May 15 (Proposal to Agency following nomination)

http://www.nserc.gc.ca/award_e.asp?nav=ica&lbi=about

This is a national competition to recognize and reward imagination and innovation in thesis research with commercial potential.

Internal selection prizes: \$300 (up to two)
NSERC Prizes: one \$10,000 and two \$5,000

Eligibility:

-Masters or PhD student/graduate in NSERC related field

-submit/expect to submit thesis between May 1, 2005 and April 30, 2006, and defend before November 2006.

-Canadian citizen or permanent resident

All eligible candidate proposals will go through an internal review and selection process. Ryerson University will select up to two proposals for an internal cash award of \$300 and nomination to the NSERC competition.

Visit the NSERC website for details on the proposal and application requirements.

Further information:

Galina Maliouta, Program Assistant,
Industry Liaison, ext 7287
gmaliout@ryerson.ca

NSERC/CANADA COUNCIL FOR THE ARTS

New Media Initiative

Deadline:

April 18, 2006 Full application

http://www.nserc.ca/professors_e.asp?nav=profnav&lbi=b1a
<http://www.canadacouncil.ca/grants/mediarts/rl127223008646562500.htm>

The NSERC/CC New Media Initiative is intended to promote collaboration between scientists and/or engineers and artists, thereby combining creativity with the development and application of new technologies and knowledge. New media art that develops and applies new digital technologies increasingly includes science and engineering-based methodologies, while scientific research is increasingly making use of art-based practices.

Ryerson applicants are strongly encouraged to contact the Office of Research Services and the appropriate Program Officer at either agency well before the program deadline:

ORS: Susan Haggis, Ext. 4179 E-mail: smhaggis@ryerson.ca

NSERC: Marie Thibault, Program Office, RPP Directorate, NSERC (613) 943 7831, E-mail: marie.thibault@nserc.ca
CC: Zainub Verjee, Media Arts Program Officer, CC (1-800-2635588 Ext. 5253, E-mail: zainub.verjee@canadacouncil.ca

Collaborations between scientists and/or engineers and artists in the field of information and communications technology often involve the design, development and application of products in such areas as software and hardware tools for IP networks and broadband optical networks; (tele)robotics; cognitive systems; artificial life agents; data visualization; bioinformatics; wearable computing; and advanced materials and devices such as active fabrics, sensors and microprocessors.

NSERC will fund the scientific and engineering research component of the project; through the Research Partnerships Program (RPP). The project must be scientifically sound and promise to generate new knowledge or a new technology, or to apply existing knowledge/technology in an innovative manner.

The Canada Council will fund the artistic component of the project according to the guidelines of the New Media Research, Production or Residencies within the Grants to New Media and Audio Artists Program.

The following are **not eligible** for support:

- Projects that support work created for the cultural industries of commercial new media, radio or television broadcasting;
- Projects whose purpose is to record or document existing artworks or use existing technology in routine applications;
- Projects that focus on the routine application of existing technology or that provide professional or consulting services;
- Proposals that are principally associated with the acquisition and maintenance of scientific equipment.

NSERC GERHARD HERZBERG CANADA GOLD MEDAL FOR SCIENCE AND ENGINEERING

Call for Nominations

Deadline: May 1, 2006

http://www.nserc.ca/award_e.asp?nav=herzberg&lbi=nomination&format=print

The NSERC Herzberg Medal is awarded annually to an individual who has demonstrated sustained excellence and influence in research for a body of work conducted in Canada in the areas of the natural sciences or engineering supported by NSERC.

The recipient may be a scientist or engineer from a Canadian university, government or private firm. Candidates may be nominated by any individual or group; however, the nominators must be Canadian citizens or permanent residents of Canada. Posthumous or self nominations will not be accepted.

For more information on this award and on how to prepare a nomination, please refer to the NSERC website

http://www.nserc.ca/award_e.asp?nav=herzberg&lbi=nomination&format=print

TRI - AGENCY FUNDING OPPORTUNITIES (continued)

THE BROCKHOUSE CANADA PRIZE FOR INTERDISCIPLINARY RESEARCH IN SCIENCES & ENGINEERING

Nomination Deadline: May 1, 2006
http://www.nserc.ca/award_e.asp?nav=brockhouse&lbi=nomination&format=print

Eligible research teams nominated for the Brockhouse Canada Prize must have at least two members who are independent researchers, one of whom must hold an NSERC grant. The team can be part of an international effort, but the majority of the nominated team members must be employed in Canada in Universities, or in public or private organizations, contributions must be primarily in the natural sciences and engineering.

The Prize will be accompanied by a research grant of \$250,000 for the team and the award will be used for university-based research to support the direct costs and/or the enhancement of the research environment including equipment.

Further details on eligibility, nomination process and guidelines can be found on the NSERC website at
http://www.nserc.ca/award_e.asp?nav=brockhouse&lbi=nomination&format=print

Application is by nomination only there is no direct application by team members.

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

SSHRC: Using your Funds
http://www.sshrc.ca/web/using/using_e.asp

NSERC 2006 Synergy Awards for Innovation

Nomination Deadlines
**May 15, 2006 Internal ORS for
University endorsement**
May 31, 2006 at NSERC

**Application is by nomination by the
executive head of the university
involved or by a senior official
representing the industry partner.**

[http://www.nserc.ca/
award_e.asp?nav=synergy&lbi=
nomination&format=print](http://www.nserc.ca/award_e.asp?nav=synergy&lbi=nomination&format=print)

The Synergy Awards for Innovation recognize and reward innovation and superior collaborative research in the natural sciences and engineering. Successful partnerships show effective use of human, technical and financial resources, and demonstrate a lasting partnership between university and industry collaborators, with tangible commercial results.

Awards Categories: For university research collaboration with:

- (1) A single company of up to 500 employees;
- (2) A single company of more than 500 employees;
- (3) Two or more companies of any size, jointly; and
- (4) Leo Derikx Award: For an established innovative model of long-standing university-industry partnership in pre-competitive R&D that has improved the general well-being of an industry.

Ryerson faculty with industry partners meeting the section criteria (as noted below) and interested in being nominated for this Award should contact ORS on or before the internal University deadline so that the Office of Research Services and the Office of the Associate Vice President, Academic can coordinate the nomination documents and the University endorsement.

Selection Criteria: Successful entries will:

- (1) Demonstrate innovation in a lasting partnership between the university and industry collaborators rather than a one-time initiative aimed at addressing a single problem or challenge;

- (2) Demonstrate effective and sustained use of both the university's and industry partners' human and technical capital;
- (3) Provide evidence of tangible commercial and knowledge-based benefits to the partners and to Canada, and demonstrate results that include rewards to the university, rewards for the industry, and spin-off benefits to other Canadian enterprises;
- (4) Document, for the Leo Derikx Award category only, the innovative model of a long-standing university-industry interaction with pre-competitive benefits that has contributed to the general well-being of an industrial sector.

For complete competition details and the Entry Form: [http://www.nserc.ca/
award_e.asp?nav=synergy&lbi=
nomination&format=print](http://www.nserc.ca/award_e.asp?nav=synergy&lbi=nomination&format=print)

NSERC/CIHR Collaborative Health Research Projects (CHRP)

Letter of Intent (NSERC Form 182)
May 1, 2006 Letter of Intent
Invited Full Application

Applicants intending to submit to the Collaborative Health Research Projects (CHRP) program, co-funded by NSERC and CIHR must submit a letter of intent (LOI) by May 1, 2006 in order to participate in the 2007 competition.

The updated Request for application will be posted on the NSERC website after March 29, 2006.

TRI - AGENCY FUNDING OPPORTUNITIES (continued)

CIHR – CANADIAN INSTITUTES FOR HEALTH RESEARCH

<http://www.cihr-irsc.gc.ca/e/781.html>

CIHR Knowledge Translation Award

<http://www.cihr-irsc.gc.ca/e/30018.html>

Deadline: May 25, 2006

Value:

1. Impact at the national or international level: \$100,000

2. Impact at the local or regional level: \$20,000

3. Impact at the local or regional level in research on aging: \$20,000

The CIHR Knowledge Translation Award - honours and supports individuals, teams or organizations that make an outstanding contribution to the health of Canadians or to the health system through exemplary knowledge translation.

Nominated individuals, teams or organizations will be assessed on innovative and significant achievements in knowledge translation activities relevant to any area of health research (e.g., biomedical, clinical, health services and policy, and population and public health).

CIHR invites nominations for Knowledge Translation Awards in several categories: (1) those with an impact at national or international level; (2) those with an impact at local or regional level; and, (3) in the context of the local/regional category, the CIHR Institute of Aging is pleased to additionally recognize individual(s), team(s) or organization(s) that have advanced the translation of research in aging.

The Betty Havens Award for Knowledge Translation in Aging honors the distinguished life and career of the late Betty Havens, a pioneer in gerontology who made significant contributions to health services research and its translation, towards improving the quality of life of older Canadians.

The individual, team or organization that is the recipient of the award in the first category, where the knowledge translation activities have an impact at the national or international level, will receive public recognition and a grant of \$100,000. The individual, team or organization that is the recipient of the award in the second category, for knowledge translation activities that have an impact at the local or regional level, will receive public recognition and a grant of \$20,000. These grants are to be used by the KT awardees to advance knowledge translation activities in a way designated by the winner, consistent with CIHR's rules for eligible expenditures.

For more information on the award, how to apply, and the KT Award Committee review process, contact: Liz Stirling, Knowledge Translation Specialist, Telephone: 613-941-1072; Email: lstirling@cihr-irsc.gc.ca

CIHR Institute of Nutrition, Metabolism and Diabetes

In partnership with
Health Canada
Public Health Agency of Canada

Diabetes Surveillance System - Operating Grants

<http://www.cihr-irsc.gc.ca/e/30114.html>

Request for Applications

Important Dates:

Opportunity Launched - December 2005

May 1, 2006 - Registration Deadline - Registration packages must be courier stamped by this date

June 1, 2006 - Full applications must be courier stamped by this date

November 1, 2006 - Anticipated notification of decision

December 1, 2006 - Anticipated start date

The CIHR Institute of Nutrition, Metabolism and Diabetes (INMD), Health Canada's First Nations and Inuit Health Branch (FNIHB) and the Public Health Agency of Canada (PHAC) are partnering to fund health services and population health research relevant to the surveillance of diabetes. The objectives of this request for applications are to (i) enhance our understanding of the impact of diabetes on the health care system and on the health of Canadians and (ii) encourage linkage and/or comparison of the National Diabetes Surveillance System (NDSS) data with clinical, other administrative or survey data. Note that a portion of the funding will be targeted for projects that focus on the prevalence and incidence of diabetes and its complications in Aboriginal Canadians.

Funds Available:

CIHR's contribution to the amount available for this initiative is subject to availability of funds voted annually to CIHR by parliamentary appropriations, and the conditions that may be attached to them.

The total amount available for this initiative is expected to be \$ 600,000 per year for two (2) years, subject to funding confirmation. This amount may increase if additional funding partners decide to participate.

The maximum amount awarded for a single grant is \$ 150,000 per annum for up to two (2) years. The equipment amount is awarded in year one.

Relevant Research Areas

Relevant research areas that address the broad issues related to surveillance of diabetes in Canada include:

- Data validation
- Health services and population health research
- Linkage/comparison to other data sets

For more information on the award please visit

<http://www.cihr-irsc.gc.ca/e/30114.html>

TRI-AGENCY FUNDING OPPORTUNITIES (continued)

CHAIR IN NEUROETHICS

Registration: May 1, 2006

Full application: May 31, 2006

<http://www.cihr-irsc.gc.ca/e/29773.html>

The Chair will allow a Canadian university or health research institute to support a leading researcher in the field of neuroethics in Canada.

The Chair will be funded through a \$300,000 Establishment Grant from CIHR, and a yearly \$50,000 Support Grant from INMHA. Following the competition, one Chair will be awarded for a five-year non-renewable term. To further enhance the award, the host institution must also nominate the Chair for a Canada Research Chair or equivalent salary support.

Funds Available:

CIHR's contribution to the amount available for this initiative is subject to availability of funds voted annually to CIHR by parliamentary appropriations, and the conditions that may be attached to them.

- The maximum amount awarded for a single grant is \$300,000 for the first year plus \$50,000 per annum for up to 5 years. The equipment amount is awarded in year one.
- The final two years of funding are subject to a satisfactory progress review in the third year of funding.
- The total amount available for this initiative is \$550,000. This amount may increase if additional funding partners decide to participate.

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

SSHRC: Using your Funds

http://www.sshrc.ca/web/using/using_e.asp

SSHRC - Social Sciences and Humanities Research Council of Canada

http://www.sshrc.ca/web/apply/program_index_e.asp

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

Deadline: September 22, 2006

http://www.sshrc.ca/web/apply/program_descriptions/fine_arts_e.asp

Value: Up to \$100,000 per annum, but totaling not more than \$250,000 in a three-year period

Objectives

The broad purpose of the five-year (2003-08) pilot program is to support and develop excellence in research in artistic disciplines. An artistic discipline is defined as one or more of the following categories: architecture, design (including interior design), creative writing, visual arts (e.g., painting, drawing, sculpture, ceramics, textiles), performing arts (dance, music, theatre), film, video, performance art, interdisciplinary arts, media and electronic arts, and new artistic practices.

SSHRC recognizes that artist-researchers work in an academic setting and that, like their colleagues in other fields, their duties focus on two broad functions: contributing to the development or renewal of their field, and training undergraduate and graduate students. Accordingly, the program's specific objectives are to:

- support high-quality research/creation in projects that advance knowledge in the fine arts and enhance the overall quality of artistic production in Canadian postsecondary institutions;
- develop the research skills of graduate and undergraduate students who are working in artistic and related disciplines through their participation in programs of research that involve artistic practice;
- facilitate the dissemination and presentation of high quality work to a broad public through a diversity of scholarly and artistic means; and,

- foster opportunities for collaboration among university- and college-based artist-researchers, other university and college researchers, and professional artists.

Council will review the pilot program during, and at the end of its five-year tenure.

Description

The program invites artist-researchers affiliated with Canadian postsecondary institutions to apply for research grants of up to three years' duration to support research/creation. An artist-researcher is defined as a member of the faculty of a Canadian postsecondary institution whose work involves research, the creation of works of art, and the training of undergraduate and/or graduate students. Where the institution agrees, this category includes adjunct, part-time, sessional and emeritus faculty as well as university-employed curators, so long as these individuals meet the requirements of the definition. Research/creation refers to any research activity or approach to research that forms an essential part of a creative process or artistic discipline and that directly fosters the creation of literary/artistic works. The research must address clear research questions, offer theoretical contextualization within the relevant field or fields of literary/artistic inquiry, and present a well considered methodological approach. Both the research and the resulting literary/artistic works must meet peer standards of excellence and be suitable for publication, public performance or viewing.

SSHRC will award grants for new and ongoing programs of research/creation based on peer-review judgment of proposals' probable contribution to knowledge in the relevant disciplines. Such knowledge may concern the development of techniques (e.g., musical, computer, material) in the various artistic disciplines involved. Proposals that focus on the creation of curriculum are not eligible, though it is understood that research/creation can lead to improved curricula and serve as a method of disseminating research results.

TRI-AGENCY FUNDING OPPORTUNITIES (continued)

SSHRC - Social Sciences and Humanities Research Council of Canada

http://www.sshrc.ca/web/apply/program_index_e.asp

Northern Research Development Program

http://www.sshrc.ca/web/apply/program_descriptions/northern_e.asp

Deadline: May 25, 2006

Value: The maximum value of a Northern Research Development grant is \$40,000 over two years. Competitions will be held twice a year.

Objectives

The objectives of the Northern Research Development program are to:

- support revitalization of existing research and research-related activities;
- support the development of innovative programs of research and research activities in the North;
- provide opportunities for training students as future researchers;
- expand the capacity of individual researchers, research groups and institutions to conduct research in the North;
- support research and related activities that meet the needs of northern residents by involving them in the research process.

Closely related to these objectives, expected outcomes include:

- increased northern research activity in the social sciences and humanities;
- increased quantity and quality of northern research proposals to SSHRC and other funding bodies;

- enhanced research expertise on topics and issues relevant to Canada's North;
- increased involvement in research on the part of northern communities;
- better linkages with northern research institutions, government departments and other relevant bodies that in turn lead to more readily applied and effectively transferred research results.

Note: The program does not seek to fund full programs of research. Rather, SSHRC expects that the research and related activities supported by the program will lead to fully developed research proposals that are suitable for submission to other funding programs, whether those of SSHRC or other agencies and departments.

For more information contact: **Luc Lebrun**, Program Officer, Strategic Programs and Joint Initiatives Division, Tel.: (613) 947-9652; email: luc.lebrun@sshrc.ca

The SSHRC Gold Medal for Achievement in Research

Nomination deadline: April 15, 2006
The SSHRC Gold Medal for Achievement in Research is the Council's highest research honour. It is awarded to an individual whose leadership, dedication, and originality of thought have significantly advanced understanding in his or her field of research, enriched Canadian society, and contributed to the country's cultural and intellectual life.
Web site: http://www.sshrc.ca/web/winning/prize/gold_e.asp

Nomination process: Letter of Nomination, CV Form, attachments and letters of reference

Winner announced: Fall 2006

Value: The winner receives the Gold Medal and \$100,000. The funds can only be used for research, training or other academic activities

For more information contact the Program Officer: Suzanne Bruneau, Fellowships and Institutional Grants, telephone: (613) 996-7219
E-mail: suzanne.bruneau@sshrc.ca

STANDARD RESEARCH GRANTS

Deadline: October 15, 2006

http://www.sshrc.ca/web/apply/program_descriptions/standard_e.asp

Objectives

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

OTHER FUNDING OPPORTUNITIES

Max Bell Foundation

<http://www.maxbell.org/index.htm>

Deadline: 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

The Foundation is interested in supporting projects that promote good health in the broadest sense. They are particularly interested in identifying practical, alternative approaches to the creation and maintenance of the programs and policies which shape Canada's health care practices.

Education

Max Bell Foundation believes education is a cornerstone of a flourishing, productive society. Canada's education institutions face many challenges as changing needs, attitudes, economies, and technologies shift the ground in which they are rooted. The Foundation seeks to support research projects that focus on innovative ways in which our education institutions meet those challenges. Of particular interest are those projects which address the thoughtful use of technology and alternative institutional arrangements.

The Environment

The Foundation seeks to support environment initiatives that align with our mission and granting guidelines, and that focus on fresh water and urban growth. Of particular interest are initiatives related to fresh water quality, and demand side management on a watershed basis. Also of particular interest are initiatives that seek to minimize negative impacts of growing cities on natural spaces.

New Media R&D Initiative, Department of Canadian Heritage

http://www.pch.gc.ca/progs/pcce-ccop/progs/NewMediaR&DInitiative_e.cfm

Deadline: Expression Of Interest (EOI) is due no later than Monday, May 1, 2006. Please see page 7 of the "Program and Application Guidelines" for information on how to submit the EOI and the deadlines for submission.

The New Media R&D Initiative is a component of the Department of Canadian Heritage's Canadian Culture Online (CCO) strategy, a framework to stimulate the development and production of Canadian cultural content on the Internet. The New Media R&D Initiative is aimed at supporting innovative applied research at the intersection of technology and culture.

Objectives

The Initiative has three objectives: 1) to help build research and development (R&D) capacity in Canada and to advance innovation, specifically in the area of digital cultural content; 2) to strengthen R&D capacity in small- to medium-size enterprises (SMEs) in the cultural new media industry; and 3) to encourage partnerships between organizations involved in developing innovations to allow them to share expertise and build on each others' strengths.

Who can apply?

- A partnership made up of two of the following (or more if appropriate) may apply and are eligible to receive funding:
 - o SMEs active in the cultural new media sector
 - o Not-for-profit arts and cultural organizations
 - o Non-governmental research institutes active in the cultural or other relevant sectors
 - o Post-secondary educational institutions with a research mandate

For more information call toll free 1-866-900-0001; TTY/TDD (819) 997-3123

April 2006

OTHER FUNDING OPPORTUNITIES (continued)

OCE/CENTRE FOR EARTH AND ENVIRONMENTAL TECHNOLOGIES

Resource Management Cluster Expressions of Interest: Forest Inventory Management, Mineral Exploration & Security

Deadline: April 14, 2006

Invited Detailed Proposal

www.oce-ontario.org

Forest Inventory Management

There is a strong need to take stock of new and innovative technologies and tools and communicate and transfer information regarding their use and associated advantages, particularly with respect to data collection and forest inventory. An identification of the tools that will allow industry to move forward beyond information and into application and management is the aim of this call for expressions of interest in forest inventory management. The call is to seek ideas in areas including but not limited to the following:

- Remote sensing
- Geomatics
- Data Management Systems
- Sensors both remote and in situ
- Indicators of healthy forests such as wildlife health and abundance
- Biomaterials and bioproducts
- Algorithms, models and simulators that can be used in inventory management
- Systems approached to management of the forest
- Forest hydrology
- Climate and meteorology

The goal is to develop a forest inventory program that will lay the groundwork to establish a permanent collaborative (project-based) working relationship between OCE, the Forestry Research Partnership, industry and other potential partners.

Mineral Exploration

OCE is prepared to enter into discussions with various interested groups to develop a program for the development of a computer based 4-D Earth Cube with its fundamental building block a geomatics based and related mineral exploration technologies and systems. The call is to seek ideas in areas including but not limited to the following:

- Remote and in situ sensing
- Geomatics
- Data Management Systems
- Sensors both remote and in situ
- Geochemistry
- Geophysics
- Algorithms, models and simulators that can be used in the 4 – D cube
- Systems approached to management of the exploration data
- Geologic mapping
- Integrated systems approaches

The goal is to develop a mineral exploration program that will lay the groundwork for 4 – D interpretation systems and to establish a permanent collaborative (project-based) working relationship between OCE, the mining industry and other potential partners.

Security

The Federal government has promulgated a strategic plan called The Canada-United States Public Security Technical Program (PSTP) Strategic Plan. The vision for the PSTP program is to: "Be the premier forum for bi-national collaboration in Science and Technology that advances our national public safety and security strategies."

OCE has examined the PSTP with respect to OCE's mandate with respect to this research cluster and has identified the following areas that match OCE programs with our researchers and potential:

- Critical Infrastructure Protection:
- Secure network architecture and management
- Network Analysis and Modeling
- Disruption and Interdiction
- Reduce vulnerability of people, conveyances and cargo from deliberate harm or compromise while ensuring flow of commerce

- Improve surveillance and domain awareness capability aimed at knowledge discovery and dissemination from data and information
- Conduct effective, accurate and timely detection and alert of suspicious events
- Conduct effective targeting and intervention
- System Integration, Standards and Analysis
- Advance the evolution towards Public Safety and Security integrated capabilities
- Champion new and emerging methodologies for Public Safety and Security decision making
- Facilitate the integration and uptake of S&T solutions delivered by the PSTP Mission Areas

OCE wishes to be part of this strategy and program. It wishes to cultivate a research program that focuses on the sensors required to preserve the sovereignty and security of these borders and to carry out search and rescue activities within these limits.

The thrust of this call for Expressions of Interest (EOI) is to develop projects within a program of sensor based research that is operationally applicable to relevant law enforcement agencies, the Department of National Defence, the Search and Rescue agencies, the coastal patrol community, disaster management agencies, and related paramilitary organizations such as fire departments and emergency response teams. Because of the vast areas to be managed, a variety of sensor systems are required, and to deal with the vast amounts of data a high degree of geocomputation is required. These should be the topics of the EOI.

Eligibility

It is necessary for projects to have partners from the private and/or public sectors who are also investing in the project. This investment may be cash or in kind and should involve at least one partner interested in the commercialization of the results of a research project. As a guideline, researchers should strive to have partner support equal or greater than the amount requested from OCE, as these opportunities are highly competitive.

OTHER FUNDING OPPORTUNITIES (continued)

Application Procedure

The application process is a two-step process.

First there is this call for Expressions of Interest for providing a proposed solution to an issue or problem outlined or identified. OCE will review the Expressions of Interest and those researchers who have Expressions of Interest that meet the requirements will be asked to submit detailed proposals.

A Research Proposal form will be provided to those groups who have been asked to prepare a proposal; these will be evaluated using the ProGrid or ProGrid type methodology. The detailed proposals shall be peer reviewed and a selection will be made by a review committee to recommend projects for funding. The final decision for funding will depend on the level of funding available at the time of award. More than one contract may be let for each focus area.

The final price submitted in the proposal must include the 35% overhead that is charged under the agreement between OCE and the Ontario Universities and Colleges.

Proposal up to three year in length will be entertained. Multiyear proposals will be reviewed annually for progress before the next year's funding will be approved. The major criteria that will be examined are the outcome of the proposed study and the probability of success for that out come.

Expression of Interest Format & Deadline

The EOI form will be that provided by request to Liz Karau at Liz.Karau@oce-ontario.org or by telephone at 4176 665 5466

The Expressions of Interest must be received electronically by Richard.Worsfold@oce-ontario.org in (Word or PDF format) by the end of the working day (1700 hours) April 14, 2006.

Richard Worsfold, Director of Business Development, OCE/Centre for Earth and Environmental Technologies, 4850 Keele Street, Toronto, ON M3J 3K1. Telephone: 416 665-5473, FAX: 416-665-2032

The successful applicant(s) will be notified within ten working days if they have been selected to prepare a detailed proposal. Forms will be provided electronically at that time.

The detailed fully completed proposals (including partner commitment documentation) are required postmarked May 21, 2006 and submitted to the same address above.

The intent is to negotiate a contract(s) to start the project(s) with the successful applicants by to commence as soon as possible. The contract level of effort is not stated but the applicant should submit a price that is consistent with commencing the goals. Several contracts may be awarded and there are no guarantees that contracts will be let in any sub-clusters.

OCE CENTRE FOR EARTH & ENVIRONMENTAL TECHNOLOGIES

Agriculture Research

Expressions of Interest: Greenhouse Technologies & Viticulture

Deadline: April 14, 2006

Invited Detailed Proposal

http://www.oce-ontario.org/pages/news_agriculture_eoicall_march2006.php

Greenhouse Technology

The proposed areas of science, technology and infrastructure we wish to investigate in this sub-cluster will include, but are not limited to the following:

- robotics and precision agriculture in controlled environments
- imaging systems and in situ and remote sensing
- alternative energy sources (e.g. biofuels, solar, wind) and distribution systems
- mathematical modeling and control algorithms
- nutrient recycling and sensor technologies
- water management, sterilization and related technologies (UV, O₃)
- analytical systems (air, water, tissue)
- biological life support applications in space

- pest management
- bioproducts

Viticulture Technology

There is a need to better understand the extent and amelioration of winter injury by researching new technology and innovation related to the development of methodologies and systems to address the effect of winter specifically with respect to:

- Identifying crop hardiness at different times of year
- Influence of new technology on
 - Short-term current vine crops
 - Long-term vine survival
- Impact of crop management practices on winter survival
- Lack of Ontario-based information to advise growers on the stages of bud hardiness

The second major current issue/problem is pest management and pest control. The EOI is expanding the viticulture activities to include pest management and control.

The proposed areas of science, technology and infrastructure to be investigated in this sub-cluster will include, but are not limited to the following:

- wind machines and potential dual use as wind generators
- alternatives to wind machines
- geomatics
- remote and in situ sensing and platforms
- wireless communications and integrated data management
- micrometeorology measurements and weather forecasting
 - alternate energy dual use (i.e. geothermal systems)
- localized methodologies for warming the vines
- strategies to modify local weather conditions
- pests and their control and management

April 2006

OTHER FUNDING OPPORTUNITIES (continued)

- integrated data management systems_and integration of various pertinent data sets into these systems

Eligibility

It is necessary for projects to have partners from the private and/or public sectors who are also investing in the project. This investment may be cash or in kind and should involve at least one partner interested in the commercialization of the results of a research project. As a guideline, researchers should strive to have partner support equal or greater than the amount requested from OCE, as these opportunities are highly competitive.

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Wellesley Central Health Corporation

Mandate: Wellesley Central Health Corporation takes as its mission the promotion of healthy urban communities.
Name of Opportunity: Enabling Research Awards.

Deadline, Letter of Intent: April 21st, 2006.

Purpose of Grant:

Wellesley Central Health Corporation defines community-based research projects as those that are driven by community needs and involve community and academic collaborations and place highest priority on action outcomes. Recognizing that time is required to develop partnerships, assess community research priorities and enhance partner skills, the Wellesley Urban Health Research Program awards Enabling Research Awards to applicant organizations that require assistance in enhancing their research capacities. Awards are to be used for:

- assessing community research priorities;
- building research partnerships;
- developing research proposals.

Enabling Research Awards range between \$5,000 and \$10,000 and the number awarded is based upon monies available. These awards are offered on a one-time basis only.

For more information, consult their Web site at: <http://www.wellesleycentral.com/enablinggrants.csp>

ONTARIO RESEARCH & INNOVATION OPTICAL NETWORK ORION AWARDS

Nomination Deadline: May 5, 2006
<http://www.orion.on.ca/orionaward/orionaward.html>

The ORION Awards are open to individuals or groups among the organizations currently connected to the ORION network. Nominees may be staff, faculty and/or students of the organizations and can include representatives of partner organizations, not excluding private sector partners. The projects must be primarily based within Ontario, but can include external partners.

Further details on the Award submission, and the Nomination Form guidelines will be found on the ORION website <http://www.orion.on.ca/orionaward/orionaward.html>

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

SSHRC: Using your Funds
http://www.sshrc.ca/web/using/using_e.asp

OTHER FUNDING OPPORTUNITIES (continued)

NCE/MATHEMATICS OF INFORMATION TECHNOLOGY & COMPLEX SYSTEMS

New MITACS Seed Projects

Deadline: May 15, 2006

<http://www.mitacs.ca/main.php?mid=10000026&pid=29>

MITACS is a Federal Network of Centres of Excellence, with the following objectives:

1. To enable and encourage the generation of new research ideas and new technologies within a world-class research program;
2. To develop linkages among those research, development and investment communities where mathematical sciences are important, in universities, hospitals, companies and government;
3. To expand the highly qualified human resources skilled in the development and application of mathematical models; and,
4. To support the application of the research results for the economic and social benefit of Canada.

MITACS is soliciting proposals for new seed projects. Seed projects with an annual MITACS budget of \$20K-\$50K and are expected to have a 12-18 months duration. Typically seed projects involve 2-6 faculty members at one or more Canadian universities, 1-3 partner organizations, with total budgets of up to \$100K annually. These projects must show potential to grow into full-scale large projects and are expected to apply for full-scale status at their conclusion. All projects must obtain non-NCE partner funds before MITACS funds are released. MITACS is primarily interested in projects within its current theme areas. However the overall merit of the project carries the highest priority and projects in potentially new application areas are also encouraged.

Inquiries regarding this competition can be directed to mitacs@mitacs.ca

INTERNAL FUNDING PROGRAMS

RESEARCH ASSISTANT PROGRAM

<http://www.ryerson.ca/ors/topbar/forms/index.html>

The program provides employment to full-time undergraduate Ryerson students with proven financial need in career-oriented, academically relevant, Ryerson SRC programs. Students must meet financial need guidelines and be an Ontario resident.

FALL/WINTER 2006 - 2007

DEADLINE: May 10, 2006

Duration: September 2006 to March 23, 2007

This program is 75% (\$1,500) funded by the Ontario government and 25% (\$500) funded by the faculty member's school/ department or research project.

Provides part-time (15 hrs/week, max 72.5 per semester for a total of 145 hrs. \$13.19/hr) to full-time undergraduate students.

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

<http://www.ryerson.ca/ors/topbar/forms/index.html>

Last Minute Breaking News

Learn to Use COS to Advance Your Research

<http://www.ryerson.ca/ors>

Tuesday, April 18, 1:00 – 2:30 p.m.
EPH 314 Computer Lab, Eric Palin Hall, 87 Gerrard Street East

Community of Science or COS is a global research collaboration network of nearly 500,000 profiles of scientists and scholars with nearly 1,000 academic, corporate, sponsor, government and media organizations. Learn to search the comprehensive funding resource, with more than 22,000 records representing nearly 400,000 opportunities, worth over \$33 billion. Monies are available for work in all disciplines including physical sciences, social sciences, life sciences, health & medicine, arts & humanities. This 90 minute hands-on information session will show you how to use the COS resource to your advantage and answer:

What is COS and why should I use the funding resource?

What are the various COS databases?
How do I search for funding opportunities or experts?

How do I create my profile?

How do I create an automatic funding email alert?

RSVP: Elizabeth Mota,
Ext. 6531 or emota@ryerson.ca

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Research Opportunities Newsletter is produced monthly by the Office of Research Services (ORS) at Ryerson University. Distribution is via the researchnet Listserv and on the ORS website

<http://www.ryerson.ca/ors>

To subscribe to the Listserv, log on to <http://www.ryerson.ca/ors/topbar/getupdates.html> and follow the instructions.

Questions, materials, comments about Research Opportunities Newsletter can be sent to Galina Maliouta, ORS Program Assistant, Industry Liaison at gmaliout@gwemail.ryerson.ca or Bob Dirstein, Director of ORS at dirstein@ryerson.ca, or Jane Burns, Grants/Contracts Officer (Social Sciences & Humanities) mjburns@ryerson.ca

