

University of Toronto Interdepartmental Division of Critical Care Medicine  
Funding Opportunities – August 2006



**Funding Opportunities for Critical Care Medicine Investigators**

University of Toronto Interdepartmental Division of Critical Care Medicine  
Research Subcommittee

The following funding sources and granting agencies have been compiled as potential sponsors for investigation being undertaken with the Interdepartmental Division of Critical Care Medicine at the University of Toronto. The list attempts to highlight likely sources, and organize each into categories of “Focus, Deadlines, Amounts, and Website.” The list is by no means exhaustive, but does cover many of the common and relevant groups. The terms and deadlines for each program may change from year to year, so it will be important to access the most current announcements when considering specific sources. I have included a summary list at the beginning of the document. The end of the document lists many useful websites that link to other grant search engines. I hope this is of help. I welcome your feedback and suggestions for further inclusions.

Rob Fowler, MD, MS, FRCPC

September 2006

**Outline: Funding Opportunities for Critical Care Medicine Investigators**

**National & International**

- CIHR – Canadian Institutes of Health Research
- CICF – Canadian Critical Care Foundation
- Canadian/Ontario Heart and Stroke Foundation
- Society of Critical Care Medicine
- American Thoracic Society
- Chest Foundation Awards
- Royal College of Physicians and Surgeons
- Canadian Health Services Research Foundation (CHSRF)
- Canadian Blood Services (CBS)
- NIH– National Institutes of Health
- AHRQ – Agency for Healthcare Research and Quality
- American Heart Association

**Provincial**

- PSI – Physicians Services Incorporated
- PREA - Premier's Research Excellence Awards Program
- OTS - Ontario Thoracic Society
- Change Foundation
- Ontario Neurotrauma Foundation (ONF)
- Ontario March of Dimes (OMOD)

**University of Toronto**

- Dean's Fund
- Connaught Funds
- The Dales Award for Medical Research
- The Elsie W. Crann Award

**Hospital-Based Funding**

- Hospital Foundations - Sunnybrook, UHN/MSH, St. Michael's, HSC
- Departmental/Divisional Funding - Medicine, Surgery, Anesthesia, Respiriology
- Hospital for Sick Children Foundation (HSCF)

**Other Agencies/Disease or Cause-Specific Agencies**

**Foundations**

**On-Line Services and Grant-Writing Help/Resources**

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**National and International:**

CIHR – Canadian Institutes of Health Research

Focus: New and established investigators.  
 Deadlines: See below  
 Amounts: Variable  
 Website: <http://www.cihr-irsc.gc.ca/e/193.html> - Home Page  
<http://www.cihr-irsc.gc.ca/e/780.html> - Current Funding  
<http://www.cihr-irsc.gc.ca/e/795.html> - How to apply  
 Email to be put on announcement mailings:  
[info@cihr-irsc.gc.ca](mailto:info@cihr-irsc.gc.ca)  
 Specific Grants: Multiple

**PLEASE NOTE:** Effective January 1, 2005, all applicants must use the Web Form application modules when applying for funding for all CIHR programs. Inputted PDF fillable forms will only be accepted where a corresponding web form does not exist. Hand-written applications will not be accepted.

Only the latest version of CIHR forms will be accepted. Version dates can be found at the bottom left corner of each page of the CIHR forms. Note that enhancements are made to the CIHR Web forms in June and December of each year. Please visit the [CIHR Web forms Website](#) for the most up-to-date version of the CIHR Web forms.

There are four broad categories of CIHR funding:

1. Research Funding Programs (including Randomized Controlled Trials)
2. Research Personnel Programs: Training Awards and Salary Support Programs
3. Industry-Partnered Program
4. Strategic Programs announced through Request for Application (RFA)

Program	Program Changes/Impacts	Registration/Application Due Dates
<p><b>OPERATING GRANTS</b></p> <p>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.</p>	<p>No limit of applications starting March 2006</p> <p>Grants will be awarded for 2-5 yrs.</p> <p>Registration package – 2 copies of registration &amp; appendices (1 original + 1 copy)</p> <p>Full application package – 9 copies of application and appendices (1original + 8 copies)</p> <p><a href="http://www.cihr-">http://www.cihr-</a></p>	<p>Mandatory Registration Dates: August 15 or February 1</p> <p>Receipt of full application for both new and renewal applications are September 15 and March 1</p> <p><b>Notes about CIHR deadlines</b></p> <p>Deadline dates indicate the latest acceptable date for a courier-stamped application.</p> <p>If the deadline date falls during a</p>

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<p><b>RANDOMIZED CONTROLLED TRIALS</b></p> <p><a href="http://www.cihr-irsc.gc.ca/e/22388.html">http://www.cihr-irsc.gc.ca/e/22388.html</a></p> <p>A randomized controlled trial (RCT) is an experiment in which investigators randomly assign eligible subjects (or other units of study, e.g. classrooms, clinics, playgrounds) into groups to receive or not receive one or more interventions that are being compared. The results are analyzed by comparing outcomes in the groups. Applications will be examined for the relevance of the question posed, and the appropriateness of the methodology and of gender representation in the study design and selection of research subjects.</p> <p><b>EQUIPMENT GRANTS</b></p> <p><b>MULTI-USER EQUIPMENT GRANTS</b></p> <p><b>MAINTENANCE GRANTS</b></p> <p><b>MAINTENANCE GRANTS FOR MULTI-USER EQUIPMENT</b></p>	<p><a href="http://irsc.gc.ca/e/22730.html">irsc.gc.ca/e/22730.html</a></p> <p>Equipment may be requested but applicants are cautioned that it may not be possible to provide funds for equipment in these competitions even if recommended by the peer review committee.</p> <p><i>2 competitions for full applications to the RCT program in 2006-2007</i></p> <p><b><u>In future years:</u></b></p> <p>4 competitions a year for RCT program</p> <p><b><u>To be sent in:</u></b></p> <p>Registration: 1 original + 2 copies of each module</p> <p>Full application: 1 original + 8 copies of each module</p> <p>Requests for equipment and maintenance for a research project other than what is described in an operating grant application should be made through the CIHR Research Resource Grant program. (see below)</p>	<p>weekend or a holiday, the deadline will be the next working day</p> <p>Results for the September 15 competition will be announced in LATE JANUARY and results for the March 1 competition will be announced in LATE JUNE.</p> <p>2006-2007 – full application's will only be accepted for <b>September 1, 2006 &amp; February 15, 2007</b></p> <p>Registration deadline – <b>August 1, 2006 &amp; January 15, 2007</b></p> <p><b><u>In future years</u></b></p> <p>Registration for full application deadlines:</p> <p><b>August 1</b> <b>October 1</b> <b>January 15</b> <b>March 1</b></p> <p>Full application deadlines:</p> <p><b>September 1</b> <b>November 1</b> <b>February 15</b> <b>April 1</b></p>
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<p><b>RESEARCH RESOURCE GRANT</b></p> <p>Through this program, it is the intent of CIHR to support research-enabling environments by providing funding for core resources for research conducted by an individual, a team or consortia of productive researcher(s). The specific objectives of the program are to ensure that research resources are deployed in a cost-effective manner, to increase researcher(s) productivity, to increase effectiveness of federal research funding and to enhance collaboration among researchers. To be eligible for funding, the Principal Applicant must be a Principal Investigator funded through a CIHR grant or a grant administered by another federal funding agency. Individual Co-Applicants must hold a peer-reviewed research grant from a national or an international research funding agency. Funds can be requested to support activities such as acquisition and maintenance of equipment or facilities, development, enhancement, linkage or securing of databases, and/or development or refinement of research tools (frameworks for interpreting relevant phenomena, approaches for analysis, measurement and reporting of data and information, approaches to policy/program evaluation and knowledge translation etc.).</p> <p><b>MICHAEL SMITH PRIZE IN HEALTH RESEARCH</b></p> <p>In 1993, Dr. Michael Smith shared the Nobel Prize for Chemistry for discovering and</p>	<p>The 2006-2007 Research Resource Grant competition is restricted to renewal applications of currently funded maintenance grants. CIHR anticipates the next launch of a full scale Research Resource Grant competition in June 2007.</p> <p>The Prize is provided annually to an outstanding Canadian researcher who has demonstrated a high degree of innovation, creativity, leadership and dedication in health</p>	<p>Opportunity Launched – June 2006</p> <p>Registration packages must be courier stamped by this date - <b>August 14, 2006</b></p> <p>Full applications must be courier stamped by this date - <b>October 2, 2006</b></p> <p>Notification of decision - <b>March 31, 2007</b></p> <p>Anticipated funding start date - <b>April 1, 2007</b></p> <p>Nominations must be received by <b>November 1</b>. Applicants will be notified of the results of the competition in late June.</p>
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<p>developing a crucial technique, known as site-directed mutagenesis, used in genetic engineering. His discovery enabled researchers to gain enormous insights into the structure and function of genes and proteins.</p> <p>To honor Dr. Smith, the Canadian Institutes of Health Research (CIHR) has established the Michael Smith Prize in Health Research (formerly, the Michael Smith Award for Excellence).</p>	<p>research.</p> <p>To be eligible for consideration, individuals must have at least 10 years of experience as an independent investigator since completion of their formal training and hold a position within a Canadian academic, hospital, not-for-profit organization or governmental institution or affiliated research institution.</p>	
<p><b>DOCTORAL RESEARCH AWARDS</b></p> <p>Doctoral Research Awards are intended to provide special recognition and support to students who are pursuing a doctoral degree in a health related field in Canada or abroad. These candidates are expected to have an exceptionally high potential for future research achievement and productivity.</p>	<p>The program is open to Canadian citizens and permanent residents of Canada.</p> <p>Only those students engaged in full-time research training in a graduate school are eligible for support. At the time of application, candidates must have completed at least 12 months of graduate study at the Masters or PhD level, and have been registered for no more than 26 months as a full-time student in a doctoral program.</p> <p>Awards will take effect only after the recipient has registered in a full-time PhD program.</p> <p>The maximum period of support is three years. The award is not renewable.</p>	<p>The closing date for receipt of applications is <b>October 15. Late or incomplete applications will not be considered.</b></p>
<p><b>CANADA GRADUATE SCHOLARSHIPS MASTER'S AWARDS (CGSMA) PROGRAM</b></p> <p>List of CIHR Current Funding Opportunities under the Training Program Category <a href="http://www.cihr-">http://www.cihr-</a></p>	<p>The CGS Master's Awards do not require registration; however, those applicants registered at a Canadian university must apply through that university.</p>	<p>Deadline for Application: <b>February 1</b></p>

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<p><a href="http://irsc.gc.ca/e/27197.html">irsc.gc.ca/e/27197.html</a></p> <p><b>FELLOWSHIPS</b></p> <p>Fellowships provide support for highly qualified candidates at the post-PhD or post-health professional degree stages to add to their experience by engaging in health research either in Canada or abroad.</p> <p><b>NEW INVESTIGATOR</b></p> <p>The CIHR Industry-Partnered New Investigators program is intended to give an Investigator a first opportunity, upon completion of training, to develop and demonstrate his/her ability to initiate and carry out independent health research, unhampered by the necessity of carrying out the full teaching duties expected of a regular member of the university staff. The applicant must secure the sponsorship of an eligible company before a registration can be submitted.</p>	<p>1 copy of application and appendices.</p> <p>The maximum amount awarded for a single award is \$ 55,000 for up to five years. The value of each fellowship is related to the major degree held, licensure (where applicable), location of tenure and experience of the applicant.</p> <p>This award is non-renewable.</p>	<p><b>October 1 &amp; February 1</b> - Full applications must be courier stamped by these dates. If the deadline date falls during a weekend or a holiday, CIHR considers the next business day as the deadline. <b>Late or incomplete applications will not be considered.</b></p> <p><b>Early April &amp; Early July</b> - Anticipated notification of decision.</p> <p><b>April 1 &amp; July 1</b> - Earliest start dates.</p> <p><b>Opportunity Launched – July 2006</b></p> <p>Registration Deadline - Registration packages must be courier stamped by this date.  <b>A - August 15, 2006</b>  <b>B - February 1, 2007</b></p> <p>Full applications must be courier stamped by this date.  <b>A - September 15, 2006</b>  <b>B - March 1, 2007</b></p> <p>Peer review will be completed by this date.  <b>A - December 31, 2006</b>  <b>B - May 31, 2007</b></p> <p>Notification of decision will be completed by this date.  <b>A - January 31, 2007</b>  <b>B - June 30, 2007</b></p>
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<p><b><i>GROUPS PROGRAM – now part of the TEAM GRANTS</i></b></p> <p>The objective of the CIHR Team Grant program is to strengthen Canadian health research by supporting teams of talented and experienced researchers conducting high-quality research and providing superior research training and mentorship. The program emphasis is on the production of new knowledge, and the translation of research findings into improvements in the health of Canadians and the Canadian health care system. These results will be realized more rapidly and more efficiently through the CIHR Team Grant program than if the components were to be funded as a series of separate operating grants.</p>	<p>The CIHR Team Grant program will provide support for a maximum duration of five years. The final 2 years of funding are subject to a satisfactory progress review in the third year of funding.</p> <p>CIHR Team Grants are renewable, subject to competition and peer review.</p> <p>The equipment amount is awarded in year one.</p> <p>The application process is comprised of two steps: 1. Letter of Intent (LOI) and 2. Full Application. CIHR Team Grant proposals will be evaluated as a single, integrated entity. While each research component included in the application must be meritorious, it is critical to demonstrate that the CIHR Team Grant brings added value, in terms of the approach to improving the health of Canadians or strengthening the Canadian health care system.</p>	<p>Earliest start date. <b>A - February 1, 2007</b> <b>B - July 1, 2007</b></p> <p>NOTE: This funding opportunity has two (2) competitions (A and B). To prevent duplicate reviews of the same application, applicants may not submit the same (or very similar) application to more than one funding opportunity simultaneously.</p> <p>Opportunity Launched – <b>June 2006</b></p> <p>Letter of Intent must be courier stamped by this date – <b>February 15, 2007</b></p> <p>Anticipated notification of Letter of Intent decision - <b>May 28, 2007</b></p> <p>Full applications must be courier stamped by this date - <b>September 1, 2007</b></p> <p>Notification of decision - <b>March 1, 2008</b></p> <p>Anticipated funding start date - <b>April 1, 2008</b></p>
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CICF – Canadian Critical Care Foundation

The Mission of the Canadian Intensive Care Foundation is to improve the health of Canadians by supporting research and the search for new knowledge about the care of the critically ill and the physiological and biological mechanisms of critical illness.

Focus: Critical care physicians, pharmacists, RTs, etc.  
 Specific Grants: Educational and Research  
 Deadlines: See below  
 Amounts: Variable  
 Website: <http://www.cicf.ca/en>

Program	Program Changes/Impacts	Registration/Application Due Dates
<p><b>EDUCATIONAL GRANTS</b></p> <p>The CICF is dedicated to improving the care of critically ill patients by raising funds for research as well as for education of health professionals responsible for the delivery of intensive care.</p> <p><b>RESEARCH GRANTS</b></p> <p>The Canadian Intensive Care Foundation offers grants-in-aid of research to qualified investigators who are practicing Critical Care personnel: Critical Care Physicians, Nurses, Respiratory Therapists, and Pharmacists. The goal of the Foundation is to provide support, particularly for investigators who are early in their careers, through the support of pilot or feasibility projects which may allow them to obtain further funding from other agencies.</p>	<p>The CICF will post/advertise the funding of Educational endeavors on its Web Site and in its Newsletters.</p> <p><b>IMPORTANT NOTICE</b>                      Pending availability of additional funds, the Canadian Intensive Care Foundation (CICF) Research Grant Program will be reduced in 2006. For now, the Foundation will consider up to two applications from Alberta researchers and one application from a Hamilton researcher. No other grants resources are currently available.</p>	<p>The Educational sub-committee (multi-disciplinary representation) will review biannually (<b>April and October</b>) applications for the funding of educational events.</p> <p>Submissions should be received prior to the end of <b>March and September</b>.</p> <p>Notification of the funding decisions of the Educational sub-committee will occur prior to the end of <b>May</b> for spring submissions and <b>November</b> for the fall competition.</p> <p>Applications must be received by <b>April 1st</b> of each year.</p> <p>Both successful and unsuccessful applicants will be notified by letter after <b>September 1st</b> of the year.</p>

Canadian/Ontario Heart and Stroke Foundation

Focus:	Cardio-vascular diseases
Deadlines:	Variable – often combined with CIHR grant opportunities Grants-in-aid – <b>Applications due September 1</b> Program Grants – Letter of Intent ( <b>June</b> ) Final ( <b>Oct.</b> ) Requests for applications in strategic funding areas, through the Heart and Stroke Foundation Research Fund, may be launched at any time, typically <b>June</b> and <b>December</b>
Amounts:	Variable
Website:	<a href="http://www.hsf.ca/research/welcome_e.html">http://www.hsf.ca/research/welcome_e.html</a>
Specific Grants:	

The Foundation provides research support in three main ways:

1. Grants-in-aid: **Applications due September 1**

Approximately \$28 million is provided annually through provincial Heart and Stroke Foundations to support research operating costs through Grants-in-Aid. These costs may include laboratory supplies, technicians, and some equipment.

Research is supported across the four health research themes:

1. basic biomedical
2. clinical
3. health services and health systems
4. health of populations

2. Personnel Support Program:

The Heart and Stroke Foundation supports the development of researchers across the research career spectrum from doctoral students to career investigators.

Personnel awards are funded nationally through the Heart and Stroke Foundation of Canada.

1. Senior Personnel Awards

- New Investigator - Applications due annually on **September 1<sup>st</sup>** to become tenable July 1<sup>st</sup> of the following year.
- Visiting Scientist – Applications due annually on **December 15<sup>th</sup>** to become tenable usually on July 1<sup>st</sup> of the following year.

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- Career Investigator – Applications due annually on **September 1<sup>st</sup>** to become tenable July 1<sup>st</sup> of the following year.

2. Junior Personnel Awards

- Doctoral Research Award – Applications due annually on **November 1<sup>st</sup>** to be tenable July 1<sup>st</sup> of the following year.
- Research Fellowship – Applications due annually on **November 1<sup>st</sup>** to be tenable July 1<sup>st</sup> of the following year.
- Nursing Research Fellowship – Applications due annually on **March 15<sup>th</sup>** to become tenable July 1<sup>st</sup> of that year.

3. Program Grants

**The Heart and Stroke Foundation of Ontario (HSFO)** offers Program Grants to support teams of three or more investigators engaging in collaborative multidisciplinary research.

The aim of this program is to create synergies for collaborative research that will enhance the work and advance knowledge beyond what each investigator can accomplish independently.

PROGRAM GRANT LETTERS OF INTENT DUE: **June 24, 2005**

OPERATING GRANT-IN-AID COMPONENTS DUE: **September 1, 2005**

PROGRAM GRANT FULL APPLICATIONS (CORE COMPONENT) DUE:  
**November 18, 2005**

**The Terms of Reference and Guidelines for this program are currently under review. Any changes will be introduced next year in the 2007/2008 competition.**

- [The Heart and Stroke Foundation of Ontario](#)

Society of Critical Care Medicine

The Society of Critical Care Medicine (SCCM) is the largest multi-professional organization dedicated to ensuring excellence and consistency in the practice of critical care.

Focus: Critical care physicians (patient safety), pharmacists, nurses  
Deadlines: Variable  
Amounts: Variable  
Website: <http://www.sccm.org/sccm>  
Grants Page: <http://www.sccm.org/sccm/membership/grants/grants.htm>

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The SCCM/Vision Grant (Physicians)

The Society of Critical Care Medicine (SCCM), in collaboration with the Critical Care Education and Research Foundation (CCERF), offers grant support for SCCM members focused on clinical and outcomes research specifically related to patient safety. The maximum level of funding is \$50,000 each year. Research funds may be utilized by the investigator for salary support (either the Principal Investigator or research support staff), database development, software development, consultant costs, or other resources required to complete the project.

The SCCM/Critical Care Pharmacy Fellowship Grant Sponsored by Ortho Biotech (Pharmacists)

The Ortho Biotech award of \$30,000 is to provide funding for a pharmacist to pursue critical care research, experience and training. This award is established to foster exemplary science in the critical care discipline and promote new and existing fellowship training programs. It will be awarded to an SCCM/CCP member serving as a mentor for a post-doctoral fellowship. The award recognizes the special need for critical care research. Priority will be given to outcome projects, however other research projects which impact patient care will also be considered.

The SCCM/Norma J Shoemaker Grant for Critical Care Nursing Research Sponsored by KCI (Nurses)

The Norma J. Shoemaker grant, honoring founding Executive Director Norma J. Shoemaker, MN FCCM, is given to support the research studies of an SCCM nurse member. It was created to encourage research in critical care nursing and to provide funding for the continuation of research endeavors. Funding for this grant may be utilized for up to a two-year period. Research findings will be presented at the SCCM Critical Care Congress.

Please direct inquiries or requests regarding available grants to Ann Cox at (847) 827-6990 or email [acox@sccm.org](mailto:acox@sccm.org)

American Thoracic Society

Focus:	Pulmonary Diseases, basic science, collaboration
Deadlines:	Variable
Amounts:	Variable
Website:	<a href="http://www.thoracic.org/index.html">http://www.thoracic.org/index.html</a> <a href="http://www.thoracic.org/sections/research/new-research-program.html">http://www.thoracic.org/sections/research/new-research-program.html</a>

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Specific Grants:

I. Breakthrough Opportunities in Lung Disease (BOLD) Grants: These grants are designed to encourage novel and creative basic or clinical research that will lead to major advances in pulmonary and critical care medicine. Preference will be given to projects, which, because of their novelty and/or newness, require bridge funding before they are competitive for other funding mechanisms.

II. Program Development Grants (PDG): These investigator-initiated grants are designed to help individuals transition from small research operations to substantial programmatic, disease-focused research programs. Applications must describe novel concept-driven investigations that will have a major impact regarding our knowledge of pathogenesis and/or treatment of diseases involved in pulmonary and critical care medicine.

III. Bilateral International Grant (BIG): These grants are designed to foster collaborative international research, enhance the transfer of science between investigators and expand the scope of research opportunities for all participants. To foster this international cooperation in pulmonary and critical care medicine research, these grants will fund collaborative research proposals that will be performed simultaneously in a laboratory in the United States and a laboratory in another country.

IV. Research Career Development Award (RCD): This award is designed to provide funding for individuals who are entering a research-based career. Funding from these awards will come from the ATS and its many leveraging partners. In selected cases, specific scientific areas will be designated for funding on the basis of discussions between the ATS and its co-funding partners.

V. Advanced Research Career Development (ARCD): These awards are designed to support clinician scientists who have some research experience but are not completely independent and need additional guided research experience to become fully independent. Funding from these awards will come from the ATS and its many leveraging partners. In selected cases, specific scientific areas will be designated for funding on the basis of discussions between the ATS and its co-funding partners.

VI. Career Ladder Award (CLA) (ATS/ALA Co Funding): As part of its longstanding and well-established career ladder research program the American Lung Association (ALA) provides research grant awards through alliances with other organizations, including the ATS. Traditionally, the ATS has had a major role in this program, and continues to maintain a strong partnership with the ALA and to participate in its research program. Two levels of independent investigator awards will be proposed to the ALA: the Research Grants and Clinical Grants for postdoctoral individuals with entry-level faculty appointments and the Career

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Investigator Awards for postdoctoral individuals making a transition from junior to mid-level faculty.

ATS Contact Information: Elisha Malanga, Associate Director, ATS Assembly and Research Programs  
61 Broadway 4th FL  
New York, NY 10006-2755  
Tel: (212) 315-8693  
Fax (212) 315-6498  
Email: [emalanga@thoracic.org](mailto:emalanga@thoracic.org)

### Chest Foundation Awards

Focus: Member of the American College of Chest Physicians  
Clinical pulmonary medicine/critical care

Deadlines: March - June

Amounts: \$5000 - \$50,000

Website: <http://www.chestfoundation.org/>

Research Awards:

<http://www.chestfoundation.org/researchAwards/index.php>

#### Grants:

The Association of Subspecialty Professors/CHEST Foundation of the American College of Chest Physicians 2006 Geriatric Development Research Award

The year 2006 marks the 5th year of the successful collaboration between The CHEST Foundation and the Association of Subspecialty Professors. The purpose of this two-year award is to provide the impetus required for long-term career development focused on integrating geriatrics into the subspecialties of internal medicine. Applications now closed.

The CHEST Foundation/LUNGeivity Foundation Clinical Research Award in Lung Cancer - The CHEST Foundation and the LUNGeivity Foundation have jointly sponsored an award in lung cancer research since 2002. The goal of this joint clinical research award is, ultimately, to save the lives of those people afflicted with lung cancer by funding innovative research designed to treat and cure lung cancer. Applications now closed.

Alpha-1 Foundation/CHEST Foundation Clinical Research Award in Alpha-1 Antitrypsin (AAT) Deficiency - The main objective of this award, co-sponsored by The CHEST Foundation and the Alpha-1 Foundation, is to support physicians who propose an outstanding project in AAT deficiency research that will improve the health and quality of life of people living with AAT deficiency. Applications now closed.

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The CHEST Foundation and the American Society of Transplantation are sponsoring a clinical research award in lung transplantation that is open to members of ACCP and AST. This one-year research award will fund research that provides improvements and/or new information on the care and treatment of lung transplant patients.

The CHEST Foundation 2006 Award for Clinical Research in Women's Health  
One clinical research award of \$10,000 will be granted to an ACCP member who submits an excellent research proposal in the area of women's health. The grant is made directly to the institution on behalf of the winning applicant.

The Clinical Research Trainee Awards program gives research grants to ACCP affiliate members for innovative research projects in chest medicine. Through its successful partnership with ALTANA Pharma US, The CHEST Foundation is offering two \$10,000 research grants in the area of Chronic Obstructive Pulmonary Disease (COPD) for 2006.

The CHEST Foundation 2006 Clinical Research Trainee Awards in Critical Care **NEW** for 2006! The CHEST Foundation and Ortho Biotech Clinical Affairs, LLC are offering two \$10,000 Clinical Research Trainee Awards in Critical Care. Applicants must be ACCP affiliate members and submit an outstanding research project in the area of critical care chest medicine that can be completed in 1 year (July 2006-June 2007).

The Top 10 Posters will be selected at CHEST 2006. The finalists will be evaluated on their written abstract as well as the quality of their poster presentation during CHEST 2006. All categories are eligible. The winner of the Top 10 Best Poster Award will receive \$1,000 and the remaining 9 will receive \$500.

The CHEST Foundation Alfred Soffer Research Awards  
Two, \$1,500 awards are granted to the winners and four, \$1,000 awards are granted to the finalists submitting abstracts to CHEST 2006. Finalists are evaluated on the basis of their written abstract and the quality of their oral presentation during CHEST 2006. Primary authors are considered for all abstract-related awards but may win only one award. Award recipients are selected for their outstanding original scientific research by judges from the Scientific Presentations and Awards Committee. This award is named in honor of Alfred Soffer, MD, Master FCCP, who was Editor in Chief of CHEST from 1968 to 1993, and Executive Director of the ACCP from 1969 to 1992.

The CHEST Foundation Young Investigator Awards  
A total of \$20,000 will be granted to 20 abstract finalists at CHEST 2006. The top 3 winners will receive \$2,275 and the remaining 17 will be awarded \$775. Investigators must be enrolled in a training or fellowship program or have completed a fellowship program within 5 years prior to CHEST 2006. Finalists

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are evaluated on the basis of their written abstract and their presentations at CHEST 2006. Primary authors are considered for all abstract-related awards but may only win one. Award recipients are selected for their outstanding original scientific research by judges from the Scientific Presentations and Awards Committee.

The Roger C. Bone Advances in End-of-Life Care Award was created in 2000 to annually recognize members of the American College of Chest Physicians who have demonstrated leadership in end-of-life care. This award honors the late Roger C. Bone, MD, Master FCCP, who wrote about the ethical and humanistic issues surrounding end-of-life decisions and stressed the importance of communication among physicians and their patients. Dr. Bone was a Master Fellow and Past President of the College. The purpose of this award is to recognize a physician whose project/service has shown improved communication, compassion, and effective listening between themselves and their patients and families, support of palliative and hospice care, and/or teaching other physicians. This award is not for research or to provide seed money for a new end-of-life or palliative care program or project, but instead focuses on leadership in end-of-life care, either on the international, national or local level.

**Note:** You must be a member (or affiliate member if applying for the Clinical Research Trainee Award) of the American College of Chest Physicians to apply for an award. ACCP members may only apply for one award.

Royal College of Physicians and Surgeons

Focus: FRCP/S's, Education, Traveling Fellowships  
Deadlines: Variable  
Amounts: Variable – not substantial  
Website: [http://rcpsc.medical.org/main\\_e.php?vtype=gp](http://rcpsc.medical.org/main_e.php?vtype=gp)  
Grants: <http://rcpsc.medical.org/awards/index.php>

Grants:

Awards: Competitive, National

[Royal College Medal Awards](#): Medicine (1), Surgery (1)

[KJR Wightman Award for Scholarship in Ethics](#) (1)

[Canadian Research Awards for Specialty Residents](#): Medicine (1), Surgery (1)

[RCPSC/AMS Donald Richards Wilson Award](#) (1)

Grants, National

[National Specialty Society Annual Meeting Grant](#) (1+)

[Faculty Development Grant](#) (1+)

[Medical Education Research Grant](#) (1+)

[RCPSC/AMS CanMEDs Research and Development Grant](#) (1+)

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Grants, Regional

[Clinical traineeships](#)

[CME events, RCPSC speakers and visiting professors](#)

Fellowships

[Royal College Fellowship for Studies in Medical Education](#) (1)

[International Travelling Fellowship](#) (1)

[Walter C. MacKenzie Fellowship in Surgery](#) (1)

[Medical Education Travelling Fellowship](#) (1)

[Detweiler Travelling Fellowships](#) (6)

Visiting Professorships

[RCPSC Balfour M. Mount Visiting Professorship in Palliative Medicine](#) (1)

[Janes Visiting Professorship in Surgery](#) (1)

[RCPSC Kilborn Memorial Visiting Professorship](#) (1)

[McLaughlin-Gallie Visiting Professorship](#) (1)

[Royal College Visiting Professorship in Medical Research](#) (4)

[K.J.R. Wightman Visiting Professorship in Medicine](#) (1)

Canadian Health Services Research Foundation (CHSRF)

Focus: The Canadian Health Services Research Foundation invites interprofessional teams of researchers and decision makers to lead applied health services and policy programs through its grants competition – Research, Exchange, and Impact for System Support (REISS). REISS has four priority theme areas:

- *management of the healthcare workplace;*
- *managing for quality and safety;*
- *nursing leadership, organization, and policy; and*
- *primary healthcare.*

Note: theme descriptions can be found at [www.chsrf.ca/home\\_e.php](http://www.chsrf.ca/home_e.php)

Deadlines for REISS: *Please note new dates*

Letter of intent due: **November 2, 2006**

Full-scale applications invited:\* **February 15, 2007**

Full-scale applications due: **April 11, 2007**

Notification of results: **June 2007**

Amounts: Variable

Website: [http://www.chsrf.ca/home\\_e.php](http://www.chsrf.ca/home_e.php)

Research Grants:

[http://www.chsrf.ca/funding\\_opportunities/research\\_grants\\_e.php](http://www.chsrf.ca/funding_opportunities/research_grants_e.php)

Application Guide: [Application Guide](#)

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Canadian Blood Services (CBS)

Focus: Research involving blood, procurement, utilization, policy, etc.

Grants: Multiple

Kenneth J. Fyke Award Deadline: **September**

R&D Intramural Grant: **April** (Letter of Intent: **December**)

Graduate Fellowship Program Deadline: **July**

Postdoctoral Fellowship Deadline: **July**

Summer Internship Program (SIP) Deadline: **February**

Deadlines: Variable, as above

Amounts: Variable

Website: <http://www.bloodservices.ca/>

Funding Opportunities:

[http://www.bloodservices.ca/centreapps/internet/uw\\_v502\\_mainengine.nsf/page/Funding%20Opportunities?OpenDocument](http://www.bloodservices.ca/centreapps/internet/uw_v502_mainengine.nsf/page/Funding%20Opportunities?OpenDocument)

National Institutes of Health (USA) \*

\*Work in conjunction with most “National Institute” Programs (e.g. National Heart Lung and Blood Institute – NHLBI)

Focus: Broad, basic and clinical science. Often directed/limited to US based or American investigators.

Grants: Multiple – both **individual** and **program** awards.

Deadlines: Variable

Amounts: Variable

Website: <http://www.nih.gov/>

<http://grants.nih.gov/grants/dates.htm>

<http://grants1.nih.gov/grants/funding/submissionschedule.htm>

<http://grants1.nih.gov/grants/oer.htm>

<http://healthlinks.washington.edu/rfs/NIH.pdf>

\* Note recent Pediatric announcement

Focus: Pediatric CCM physicians and hospitals

Deadlines: August

Amounts: Variable

Website: <http://www.nih.gov> and <http://www.nichd.nih.gov/>

Grants: COLLABORATIVE PEDIATRIC CRITICAL CARE RESEARCH NETWORK

**Quick Guide to Specific Grant Opportunities**

**Selected Career Development Awards:**

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Mentored Research Scientist Development Awards (K01) – for those interested in establishing themselves in a field or switching to a new career focus or new field

Independent Scientist Awards (K02) – support newly independent, established scientists with a need for a period of intensive research focus.

Senior Scientist Award (K05) – support for senior investigators.

Mentored Clinical Scientist Award (K08) – support of development of outstanding clinical researchers, but usually still for lab or bench research; generally for 3-5 years duration.

Mentored Clinical Scientist Development Program Award (K12) – *Awarded to an institution* to support clinician scientists at the institution.

Mentored-Patient-Oriented Research Career Development Awards (K23) – support for investigators in an area of clinical research including clinical trials, mechanisms of human disease, therapeutic interventions, and new technologies.

Mid-career Investigator Award in Patient-Oriented Research (K24) – as per K23, but for more advanced investigators, who will act as mentors.

**Selected Investigator-Initiated Research Awards:**

R01 Research Project Grant - This is a grant for a project performed by one or more named investigator(s) in an area of specific interest and competence. Provides support to an institution (domestic or foreign) on behalf of a principal investigator for a project proposed by the investigator. There is no specific program announcement for the R01 research project grants. Applications for R01 grants are either investigator-initiated or are solicited through specific program announcements or requests for applications. Application receipt dates are February 1, June 1, and October 1

R03 Small Grant Program - The R03 award will support small research projects that can be carried out in a short period of time with limited resources. Investigators wishing to apply for an R03 grant should be aware that not all Institutes and Centers accept investigator-initiated R03 applications and that the different ICs may have specific purposes for which they use this funding mechanism. Before preparing an application for an R03 grant, all investigators should consult the list of participating ICs as well as the IC staff listed as contacts to determine if an R03 application is appropriate.

Types of Projects: Pilot or feasibility studies, Secondary analysis of existing data, small, self-contained research projects, Development of research methodology, Development of new research technology

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	Receipt*/ Submission Cycle I	Receipt*/ Submission Cycle II	Receipt*/ Submission Cycle III	Date Transitioned to Electronic Submission
<b>Research Grants – R03</b> <i>new</i> (Note: See below for other research grants not yet using electronic applications.)	February 1	June 1	October 1	<a href="#">June 1, 2006</a>
<b>Research Grants – R03</b> <i>renewal, resubmission, revision</i>	March 1	July 1	November 1	<a href="#">June 1, 2006</a>

R15 Academic Research Enhancement Award (AREA) Grant - Supports individual research projects in the biomedical and behavioral sciences conducted by faculty, and involving their undergraduate students, who are located in health professional schools and other academic components that have not been major recipients of NIH research grant funds.

Submission Cycles:	Cycle I	Cycle II	Cycle III
<b>Academic Research Enhancement Award (AREA) – R15</b> <i>new, competing continuation, revised, supplemental</i>	February 25	June 25	October 25
Review and Award Cycles:	Cycle I	Cycle II	Cycle III
<b>Scientific Merit Review</b>	June - July	October - November	February - March
<b>Advisory Council Review</b>	September - October	January - February	May - June
<b>Earliest Project Start Date</b>	December	April	July

R21 Exploratory/Developmental Research Grant Award - Intended to encourage exploratory /developmental research projects by providing support for the early and conceptual stages of development. Investigators wishing to apply for an R21 grant should be aware that not all NIH Institutes and Centers (ICs) accept investigator-initiated R21 applications. Investigators are strongly encouraged to consult the list of participating ICs. Applications for R21 awards should describe projects distinct from those supported through the traditional R01 mechanism. You may request a project period of up to two years. The combined budget for direct costs for the two year project period may not exceed \$275,000. Exploratory/developmental grant support is for new projects only; competing continuation applications will not be accepted.

	Receipt*/ Submission Cycle I	Receipt*/ Submission Cycle II	Receipt*/ Submission Cycle III	Date Transitioned to Electronic Submission
<b>Research Grants - R21</b> <i>new</i> (Note: See below for other research grants not yet using electronic applications.)	February 1	June 1	October 1	<a href="#">June 1, 2006</a>

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<b>Research Grants - R21</b> <i>renewal, resubmission, revision</i>	<b>March 1</b>	<b>July 1</b>	<b>November 1</b>	<b><u><a href="#">June 1, 2006</a></u></b>
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Small Business Innovation Research (SBIR) Grants - SBIR The purpose of the SBIR/STTR Program is to stimulate technological innovation in the private sector, strengthen the role of small business in meeting Federal research or research and development (R/R&D) needs, increase the commercial application of NIH, CDC and FDA supported research results, foster and encourage participation by socially and economically disadvantaged small business concerns and women-owned business concerns in the SBIR/STTR Program, and improve the return on investment from Federally-funded research for economic and social benefits to the Nation. Submissions dates

Many Awards/Grants from the NIH come in the form of Program Announcements – to subscribe to an emailing service to become aware of such announcements, send an email to [listserv@list.nih.gov](mailto:listserv@list.nih.gov) with the following text in the message body (not the "Subject" line): *subscribe NIHTOC-L your name (Example: subscribe NIHTOC-L Rob Fowler)* Your e-mail address will be automatically obtained from the e-mail message and add you to the LISTSERV. Each week (usually on Friday afternoon), the NIH transmits an e-mail with Table of Contents (TOC) information for that week's issue of the NIH Guide, via the NIH LISTSERV. The TOC includes a link to the Current NIH Guide Weekly Publication as well as links to each NIH Guide RFA, PA and Notice published for that week.

AHRQ – Agency for Healthcare Research and Quality

Focus: U.S. Department of Health and Human Services, Public Health Service, is the Federal Government's focal point for research to enhance the quality, appropriateness, and effectiveness of health care services and access to those services.

Specific Grants: Many

Deadlines: Variable

Amounts: Variable

Website: <http://www.ahrq.gov/> AND <http://www.ahrq.gov/fund/ongoing.htm>

American Heart Association

Focus: Cardiovascular Disease, strongly American Investigative focus

Deadlines: Variable

Amounts: Variable

Website: <http://www.americanheart.org/>

Types of Research: <http://www.americanheart.org/presenter.jhtml?identifier=218>

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Grants:

Predoctoral Fellowship

To help students initiate careers in cardiovascular or stroke research by providing research assistance and training.

Postdoctoral Fellowship

To help a trainee initiate a career in cardiovascular research while obtaining significant research results.

Fellow-to-Faculty Transition Award

To provide funding for trainees with outstanding potential for careers as physician-scientists in cardiovascular or stroke research during the crucial period of career development that spans the completion of research training through the early years of the first faculty/staff position. The Fellow-to-Faculty Transition Award is a national award and is offered in January only.

Scientist Development Grant

To support highly promising beginning scientists in their progress toward independence by encouraging and adequately funding research projects that can bridge the gap between completion of research training and readiness for successful competition as an independent investigator.

Beginning Grant-in-Aid

To promote the independent status of promising beginning scientists.

Established Investigator Award

To support mid-term investigators with unusual promise who have demonstrated a commitment to the cardiovascular or cerebrovascular science area as indicated by prior publication history and accomplishments.

Grant-in-Aid

To encourage and adequately fund the most innovative and meritorious research projects from independent investigators.

**Provincial:**

**PSI – Physicians Services Incorporated**

Focus: Improving care within Ontario  
Deadlines: June 1, 2006, for meeting to be held on September 20, 2006  
August 31, 2006, for meeting to be held on December 6, 2006  
November 16, 2006 \*  
February 15, 2007 \*

\*Grants Committee meeting dates to be announced

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Amounts: Variable  
Website: <http://www.psifoundation.org/index.htm>  
Grants:

Educational Fellowships for Practicing Physicians

This program is directed at physicians in established practice in Ontario, particularly those residing outside of the teaching centres, who wish to take a period of training to bring a needed clinical skill or knowledge to the community or to undertake training in research methodology.

The fellowships are provided to cover course fees, if any, transportation, room and board costs. Funds are not provided to replace income lost while undertaking a training program and the program is not designed to assist physicians taking refresher courses.

Health Research

Within this broad category the Foundation's preference is to support research into any clinical problem (other than cancer, heart and stroke, mental health, drug and alcohol abuse, pharmaceutical drug studies or where there is substantial funding available through other agencies) that is of direct relevance to the care of patients. In order of priority, the types of research the Foundation will consider are:

Clinical Research

Medical Education Research & Development at the post M.D. level

Health Systems Research

Community-Based Research

Resident Research

Clinical research being undertaken by a resident will be considered if the project is supervised by a physician and this is best evidenced by the physician being shown on the application as the applicant, with the principal investigator being the resident. Projects must not extend beyond a twelve-month period and the maximum amount that will be provided per project is \$20,000.

The maximum the Foundation can award in any year for all resident research is \$300,000 but as these applications are in competition with all others, the maximum amount expended could be less depending on the Foundation's available funds.

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Proposals within this category should be short term, concise projects, which have been largely developed by the resident. The majority of the work involved in completing the research must be done by the resident and the resident must append a letter to the application clearly describing what his or her role in the study will be.

Resident Research Prizes

In 1987 the program of P.S.I.F. Resident Research Prizes for Excellence in Research Papers was established. Since 1987 the prizes have been awarded annually to residents, judged by a committee at each medical school to have presented the best papers on research being carried out by residents. The prizes of \$2,000 each are awarded to five residents at each of the five Ontario medical schools.

The main granting interest of the Foundation continues to be clinically related research and it is the Foundation's wish that these prizes recognize the different disciplines or specialties, including family practice. The Foundation, of course, is mindful of the fact that excellence in research must be the first criteria in awarding these prizes.

Special Scholarship

**Scholarship for Innovative Health Systems Research**

PLEASE TAKE NOTE: THE FOUNDATION IS NOW ACCEPTING APPLICATIONS ON CD ONLY. **ONE CD COPY** SHOULD BE SUBMITTED FOR EACH SCHOLARSHIP APPLICATION, ACCOMPANIED BY **ONE COMPLETE PAPER COPY** CARRYING ORIGINAL SIGNATURES. THE APPLICATION ON CD SHOULD BE FORMATTED AS **ONE PDF FILE**.

The intent of this award is to support an academic clinician who has a special interest in innovative health systems research. The scholarship will provide salary support in the amount of \$50,000 for a one-year period, with the possibility of renewal for one further year. In addition, a one-time discretionary award of \$15,000 will be provided for expenses directly related to the research project of the Scholar, but not for salary of the recipient. One award may be made each year providing a suitable candidate is found from among a maximum of 10 nominees. Candidates are nominated by the five Ontario medical schools (two from each school) and must:

1. Be an M.D. and a member of the faculty of an Ontario university.
2. Currently be licensed to practice medicine in Ontario.

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3. Provide a description of how time will be devoted to the research (at least 50% of the candidate's time should be devoted to the research).
4. Be someone who has had some recognized or proven expertise in health care research or administration.
5. Carry out the research at a university, or university affiliated hospital, or a site approved by the applicant's university.
6. Be legally entitled to employment in Canada at the time of taking up the award.

Earlier Researcher Award – (replacing PREA) more details in the next month

Focus:  
Deadlines:  
Amounts:  
Website:  
Grants:

OTS - Ontario Thoracic Society

Focus: Grants-in-Aid of Research; Thoracic Medicine; 1-2 year projects  
Registration: November  
Deadlines: December  
Amounts: To \$50,000, 1-2 years  
Website: <http://www.on.lung.ca/ots/mission.html>  
Grants: Details...

**OTS Grant Application and Guidelines**

The Ontario Thoracic Society (OTS) is the medical section of the Ontario Lung Association (OLA). On behalf of the OLA, the OTS administers a program to financially support approved research grants.

A Research Committee has been appointed by the OTS to advise on matters of policy regarding research, to receive applications for grants, and to award financial support for approved projects relating to respiratory diseases.

The grant is normally for a one-year period, however, subsequent applications for the project are accepted. The competition is for July 1, 2007 to June 30, 2008. In addition to the traditional Grant-in-Aid Awards of one year duration, the OTS anticipates awarding up to 2 grants for a two year duration pending appropriate resources in the 2007/2008 competition. All applications must clearly indicate the goals to be achieved within one year of GIA funding. Research related to one-year awards is to be completed by June 30, 2008 while the two-year awards are to be completed by June 30, 2009.

**New Investigator Category:**

One year grants will be awarded to the TOP three new investigators provided that their applications receive a minimum ranking in the national CTS competition of 3.5. A new investigator is defined as a researcher within 5 years of his/her academic appointment. Please indicate New Investigator by checking the appropriate box on the grant application.

When applying, please read the enclosed information carefully. In particular, please note the following important points:

1. A principal investigator can only hold one OTS grant per year.
2. There is a \$50,000 annual award limit for an individual application. Applicants may be awarded amounts up to this limit, depending on resource availability.
3. The grant is normally for a one-year period; the current competition is for **July 1, 2007 to June 30, 2008**. All applicants must clearly indicate the goals to be achieved within one year of GIA funding. Research related to one-year awards is to be completed by **June 30, 2008** while the two-year awards are to be completed by **June 30, 2009**.
4. The deadline for applications is **December 8, 2006** (original copy is to be sent to the OLA office, six copies to the CLA office, and one digital copy sent by e-mail to [ngr@lung.ca](mailto:ngr@lung.ca)). Animals and human experimentation ethics approval forms will be accepted up to March 31, 2007 (please note that no other form will be accepted).
5. Personal data forms are to be used for only the principal investigator and one co-investigator. Any other investigators need only submit a letter of collaboration.
6. All investigators receiving OLA Grants-in-Aid are expected to submit a progress report at the end of the funding period. The progress report form will be circulated in June and must be completed by June 30, 2008.

Investigators holding two-year awards must submit an interim progress report which must be completed by June 30, 2008 and a final progress report must be completed by June 30, 2009.

7. A financial statement must also be completed at the end of the grant period (June 30, 2008) and must be submitted by September 30, 2008. Application to utilize any unspent balance must be made in writing to the Medical Director before June 30, 2008.

Investigators holding two-year awards must complete and submit an interim financial statement by September 30, 2008. A financial statement must also be completed at the end of the grant period (June 30, 2009) and must be submitted

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by September 30, 2009. Application to utilize any unspent balance must be made in writing to the medical director before June 30, 2009.

8. It is important to complete in full the section on other research funds on page 9. It is most important that the applicant include an indication not only of other grants received or applied for but also any which may overlap with the present application. Budget, justification and summary page of any ongoing or applied-for grants must be attached to the application form.
9. In our efforts to facilitate communication of research within our organization, scientific abstracts and lay summaries of OTS funded research will be released for print.
10. Awards will be posted on the OTS website by July 1st.

Further information can be obtained from the [OTS Administrator](#). Please see the [Grant Guidelines](#), and the Grant Application as a [PDF](#) or [Word](#) file.

Change Foundation

Focus: Themes 1) Design and Delivery of Health Care or  
2) Implement Innovative Change  
Deadlines:  
Amounts:  
Website: <http://www.changefoundation.com>  
Grants: NO GRANT PROGRAMS for 2006/2007 – undergoing strategic planning sessions

Ontario Neurotrauma Foundation (ONF)

Focus: Themes 1) Depression and Head Injury  
2) Orthopedic Injury  
Deadlines: ONF will no longer be releasing funding initiatives only on three identified dates. In order to take advantage of partnership opportunities and for other planning reasons, funding initiatives could be released by ONF at any time throughout the year.  
Amounts: Variable  
Website: <http://www.onf.org/research/index.htm>

The three Funding Streams are:

<b><u>PREVENTION OF NEUROTRAUMA</u></b>	With focus on neurotrauma data, etiology and best practices:
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	<ul style="list-style-type: none"> <li>• Workplace Injuries</li> <li>• Sports Injuries</li> <li>• Driving (particularly youth and seniors)</li> <li>• Shaken Baby Syndrome</li> <li>• Seniors Fall</li> </ul>
<b><u>QUALITY OF LIFE FOR PERSONS WITH ABI</u></b>	<ul style="list-style-type: none"> <li>• Community Living Supports for Survivors and Caregivers</li> <li>• Best Practice Models in the Design and Delivery of Services, Protocols and Guidelines</li> <li>• Mild Brain Injury</li> <li>• Co-morbidities and Sequelae</li> <li>• Translational Research</li> </ul>
<b><u>QUALITY OF LIFE FOR PERSONS WITH SCI</u></b>	<ul style="list-style-type: none"> <li>• Secondary Consequences of SCI</li> <li>• Primary Care</li> <li>• Translational Research</li> </ul>

Ontario March of Dimes (OMOD)

Focus: Medical research was the original goal of Ontario March of Dimes, which was founded in 1951 as the Canadian Foundation of Poliomyelitis with a mandate to fund research to prevent polio. With the discovery of the Salk vaccine in the mid '50s, the main focus of our organization changed, but our understanding of the necessity of medical research remained.

In 1984, we began a grant program initially directed towards research into the effects and treatment of Post-Polio Syndrome. Recipients included a Post-Polio pilot project at West Park Hospital, which led to the establishment of a multi-disciplinary assessment clinic. Ten years later we established the Rt. Hon. Paul Martin Biomedical and Rehabilitation Research Endowment Fund, supporting new or significant contributions to science or medicine in the alleviation or prevention of a disabling condition.

Funding expanded in the late 1990s to cover areas of both rehabilitation and problems with the central nervous system. Projects at that time included Dr. Charles Tator's *Studies of Regeneration in the Injured Spinal Cord*.

Areas of acceptable research include, but are not limited to:

- Adaptive technologies-engineering
- Brain and spinal cord injuries
- Medicine

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- Neuroscience
- Post-polio syndrome
- Stroke
- ALS
- Cerebral palsy
- MS
- Parkinson's
- Rehabilitation medicine
- Studies in aging

Deadlines: Variable

Amounts: Variable

Website: <http://www.dimes.on.ca/asp/home.asp>

Grants: [http://www.dimes.on.ca/events/events\\_grants.asp?sect=grant](http://www.dimes.on.ca/events/events_grants.asp?sect=grant)  
and [http://www.dimes.on.ca/events/awards\\_jonas\\_salk.asp?sect=award](http://www.dimes.on.ca/events/awards_jonas_salk.asp?sect=award)

Email information: [omodresearch@dimes.on.ca](mailto:omodresearch@dimes.on.ca)

**University of Toronto:**

Dean's Fund

Focus: Investigators at University of Toronto, within first 3 years of appt.

Deadlines: Variable

Amounts: Variable

Website: <http://www.research.utoronto.ca/>

Connaught Funds

The purpose of this program is to provide internal support for new junior faculty members who are launching research careers. It is hoped that this support will help to establish an impressive research program, thereby increasing the faculty member's competitiveness for outside funding

New Staff Matching Grants – Application November, \$30,000 one-time grant (2:1 funds with department), within first 2 years -

[http://www.research.utoronto.ca/funding\\_internal/ff\\_i\\_cnsmg.html](http://www.research.utoronto.ca/funding_internal/ff_i_cnsmg.html)

Start-up Grants for New, Tenured, and Tenure-Stream Faculty No deadline, \$10,000

[http://www.research.utoronto.ca/funding\\_internal/ff\\_i\\_csua.html](http://www.research.utoronto.ca/funding_internal/ff_i_csua.html)

The Dales Award for Medical Research

Focus: Clinical, community, or basic health research.

Deadlines: February

Amounts: \$50,000

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Website: [http://www.research.utoronto.ca/funding\\_internal/ff\\_idales.html](http://www.research.utoronto.ca/funding_internal/ff_idales.html)

The Elsie W. Crann Award

Focus: Research in Cancer, Pulmonary, Kidney & Urinary Diseases; within first 5 years of appointment

Deadlines: February

Amounts: \$35,000

Website: [http://www.research.utoronto.ca/funding\\_internal/ff\\_elsie.html](http://www.research.utoronto.ca/funding_internal/ff_elsie.html)

**Hospital-Based Funding:**

- Hospital Foundations - Sunnybrook, UHN/MSH, St. Michael's, HSC, etc.

Departmental and Divisional Research Funding (Medicine, Surgery, Anesthesia, Respiriology, etc.)

- Hospital for Sick Children Foundation (HSCF)

External Research Grants Program - New Investigators Research Grant  
[www.sickkids.ca/foundation/custom/grt\\_newinv\\_default.asp](http://www.sickkids.ca/foundation/custom/grt_newinv_default.asp)

Through the New Investigators Grants Program, new investigators (defined as being within six years of taking up their first academic appointment) may obtain up to two years' support for biomedical, psychosocial and clinical research projects. Projects must be relevant to the health of Canada's children and significant in terms of their potential impact on health outcome. Projects must be sponsored by a Canadian institution. Further details may be found in the Guidelines, which are part of the [application package](#) (in PDF form).

The deadlines for New Investigators grants are **April 30** and **October 31**. If either of these dates falls on a weekend or holiday, the deadline is the next business day. Individuals applying for a New Investigators grant need not submit a letter of intent

**Other Agencies/Disease or Cause-Specific Agencies:**

- **Canadian Diabetes Association**  
[http://www.diabetes.ca/Section\\_Professionals/research.asp](http://www.diabetes.ca/Section_Professionals/research.asp)  
Many grants due **December 1**
- **Epilepsy Canada**  
<http://www.epilepsy.ca/eng/mainSet.html>  
Clinical or Basic Sciences Operating Grant – **December 1**

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Clinical or Basic Sciences Fellowships - **December 1**

Summer Student Bursaries

Beth Parker Memorial – **February 1**

Meridian Technologies - **February 1**

Partnership with the Canadian Institutes of Health Research

Doctoral Research Award – **October 15**

Fellowships – **February 1 and October 1**

- **Arthritis Society of Canada**

Website: <http://www.arthritis.ca>

Summary of Awards:

<http://www.arthritis.ca/look%20at%20research/regulations/default.asp?s=1>

Work in conjunction with the CIHR

- **Canadian Liver Foundation**

Website: <http://www.liver.ca>

Funding Opportunities: [http://liver.ca/research/grant\\_program/default.aspx](http://liver.ca/research/grant_program/default.aspx)

Many grants due in **March**

- **Dairy Farmers of Canada** – funding on nutrition and health

<http://www.dairygoodness.ca/en/HealthProfessionals/home.htm>

Research Funding:

<http://www.dairygoodness.ca/en/HealthProfessionals/OurNutritionTeamAndInitiatives/researchFunding/ResearchFunding.htm>

Letter of Intent – **April 1<sup>st</sup>**

A decision regarding this review will be available no later than **May 15<sup>th</sup>**

Completion of a detailed Funding Application, due no later than **July 15<sup>th</sup>**

A final decision concerning the funding - **December**

- **Multiple Sclerosis Society of Canada**

<http://www.mssociety.ca/en/research/default.htm>

Biomedical Research Grants, Career Development Awards, Postdoctoral Fellowships and Studentships - **October**

Health Research Grants, Career Development Awards, Postdoctoral Fellowships and Studentships - **October 1**

Pilot Research Grants - **April 1 - August 1**

(These grants are limited to one year and funded to a maximum of \$35,000).

Collaborative Multi-Centre Grants - **September 1**

To be considered for this grant first submit a letter of intent.

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- Ontario HIV Treatment Network**  
<http://www.ohtn.on.ca/OHTNFundCalls.htm>  
Research Operating Grants, Career Scientist Awards, Scholarship Awards and Major Equipment Grants  
 Many OHTN grants applications are due in October.
- National Cancer Institute of Canada**  
<http://www.ncic.cancer.ca>  
 Research Grants to Individuals – **October 15**  
 Program Project Grants – Letter of intent: May 1 - Full application: **September 15**

Crohn's and Colitis Foundation of Canada

Focus: The Crohn's and Colitis Foundation of Canada (CCFC) believe that a cure will be found for Crohn's disease and ulcerative colitis. To realize this, the CCFC is committed, first and foremost, to raise increasing funds for medical research. The CCFC also believes it is important to make all individuals with inflammatory bowel disease (IBD) aware of the Foundation, and educate these individuals, their families, health professionals and the general public about these diseases.

Deadlines: See below  
 Amounts: Variable  
 Website: <http://www.cffc.ca/English/index.html>  
 Opportunities for researchers:  
<http://www.cffc.ca/English/research/opportunities.html#Operating>

Specific Grants: See below

<p><b>GRANTS IN AID OF RESEARCH</b></p> <p>The CCFC Grants in Aid of Research program is intended to support research on inflammatory bowel disease (IBD). Grants are awarded to investigators working alone or in collaboration with others. Grants will be awarded for a maximum of three years, not to exceed \$150,000 per annum.</p>	<p>The deadline for the 2007 Grants in Aid of Research Competition is November 1, 2006</p>
<p><b>THE GROUP GRANT PROGRAM</b></p> <p>The CCFC Group Grant Program is designed to provide support for teams of up to three investigators undertaking collaborative multidisciplinary health research in Canadian research institutions. A Group consists of at least three projects, each scientifically meritorious and led by a different principal investigator, which together form an integrated research program. The goal of the group must be in accordance with the Mission of the CCFC -- to find the cure for</p>	<p>The deadline for the current competition is December 1, 2006</p>

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<p>inflammatory bowel disease.</p> <p><b>VISITING SCIENTIST PROGRAM</b></p> <p>The CCFC Visiting Scientist program is designed to allow Canadian institutions to bring in productive scientists having expertise not available within the institution, and to allow Canadian scientists to visit major international research centers in order to acquire knowledge or new techniques related to IBD research. For more information on this program, please <a href="#">click here</a>.</p>	<p>The deadline for these applications is December 1, 2006</p>
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The Kidney Foundation of Canada

Focus: The Kidney Foundation of Canada has established a national research fund to encourage research that may further current knowledge pertaining to the kidney and urinary tract.

The Kidney Foundation provides funding for both Biomedical and Allied Health Professionals, through [Research Grants](#), [Fellowships](#) and [Scholarships](#).

Deadlines: See below  
 Amounts: Variable  
 Website: <http://www.kidney.ca/page.asp?intNodeID=20301>  
 Specific Grants: See below

<p><b>BIOMEDICAL RESEARCH GRANTS, FELLOWSHIPS AND SCHOLARSHIPS</b></p> <p>Biomedical Research (Operating) Grants provide financial support to medical researchers to assist in defraying the operating costs of research, which may include the purchase and maintenance of experimental animals, the purchase of materials, supplies and equipment and the payment of laboratory assistants.</p> <p><b>BIOMEDICAL SCHOLARSHIPS</b></p> <p>Biomedical Scholarships provide salary support for up to two years of an initial faculty appointment at the rank of Assistant Professor or its equivalent, at an approved medical school in Canada.</p> <p><b>BIOMEDICAL FELLOWSHIPS</b></p>	<p>Grants are available for one, two or three years, commencing July 1, for up to \$50,000 per year. The research must be carried out in Canada.</p> <p>Applications should be made on behalf of the candidates by the institutions offering the faculty appointment. Scholarships commence July 1, at \$45,000/year.</p>	<p>Competition deadline – <b>October 15</b></p> <p>Competition deadline – <b>October 15</b></p>
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<p>The Kidney Foundation of Canada is offering a limited number of Fellowships designed to provide for full-time, postdoctoral research training in the renal and urinary tract field for training in Canada or abroad.</p>	<p>Priority is given to those applicants at the beginning of their research training, and planning a career in Canada. Eligibility for Fellowships will include M.D.s or postdoctoral Ph.D.s. Candidates must be Canadian citizens or landed immigrants.</p>	<p>Competition deadline – <b>October 15</b></p>
<p><b>ALLIED HEALTH RESEARCH GRANTS</b></p> <p>The purpose of the Allied Health Research Grant is to encourage research relevant to clinical practice in the areas of nephrology, urology and organ donation.</p> <p><b>ALLIED HEALTH FELLOWSHIPS</b></p> <p>The Kidney Foundation of Canada offers a limited number of fellowships designed to provide for full-time academic and research preparation at the doctoral level. The objective of this program is to promote and enhance the development of nephrology/urology allied health investigators in Canada.</p> <p><b>ALLIED HEALTH SCHOLARSHIPS</b></p> <p>The Allied Health Scholarship is designed to assist the student with a demonstrated interest in nephrology/urology in pursuing education at the Masters or Doctoral level. This is to promote and enhance the development of nephrology allied health investigators in Canada.</p>	<p>Preference will be given to applications submitted by allied health professionals. The award is for up to two years, to a maximum of \$50,000/year. There must be a clearly demonstrated relevance of the project and its outcomes to the Mission of The Kidney Foundation. The research must be carried out in Canada.</p> <p>The award is for up to \$31,000/year and is tenable in Canada or abroad (for programs outside Canada, the applicant must provide a statement indicating the intention to return to Canada).</p> <p>Applicants must meet the following eligibility requirements:</p> <ul style="list-style-type: none"> <li>• open to nephrology nurses and technicians, social workers, dietitians, transplant co-coordinators and other allied health professionals who demonstrate commitment to the area of nephrology, or organ donation;</li> <li>• demonstrated minimum of</li> </ul>	<p>Competition deadline – <b>October 15</b></p> <p>Competition deadline – <b>March 15</b></p> <p>Competition deadline – <b>March 15</b></p>

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	two years direct clinical practice; <ul style="list-style-type: none"><li>• Canadian citizenship or landed immigrant status;</li><li>• acceptance in proposed course of full-time or part-time study;</li><li>• intention to return to Canada, if studies are outside the country.</li></ul>	
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Other funding opportunities through the Kidney Foundation of Canada: **KRESCENT Research Program** <http://kidney.genclik.ca/page.asp?intNodeID=22338>

**Foundations Providing Research Funding:**

These foundations have been specifically chosen as likely funding sources for University of Toronto researchers. Often provide large grants for large projects, although smaller proposals targeted towards the foundation interests may also receive funding.

- Andrew W. Mellon Foundation
- AT&T Foundation
- Bill & Melinda Gates Foundation
- Carnegie Corporation of New York
- Charles Stewart Mott Foundation
- David & Lucile Packard Foundation
- Ford Foundation
- Eli Lilly Company Foundation
- MacArthur Foundation
- Pew Charitable Trust
- Robert Wood Johnson Foundation
- Rockefeller Foundation
- Spencer Foundation
- Alfred P. Sloan Foundation
- Soros Network—Open Society Institute
- William & Flora Hewlett Foundation

**On-line Services:**

- Faculty of Medicine Funding Website – organized by date of application  
Website: [http://www.medresearch.utoronto.ca/a\\_5.html#fundopps](http://www.medresearch.utoronto.ca/a_5.html#fundopps)
- University of Toronto General Funding Database / RAP service – alphabetized and by 6 month intervals, and by domain – approximately 700 sites listed  
Website: <http://eir.library.utoronto.ca/rir/index.cfm>

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<http://eir.library.utoronto.ca/rir/allsix.cfm> (next 3 months)

- GrantsNet – online search and email engine for grants  
Website: [www.grantsnet.org/](http://www.grantsnet.org/)
- COS funding opportunities  
Website: <http://fundingopps.cos.com/>
- Grants.gov – mostly US sources of grants  
Website: <http://www.grants.gov/FindGrantOpportunities>

**Grant-Writing Help/Resources:**

At NIH: <http://www.niaid.nih.gov/ncn/grants/default.htm>