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UNIVERSITY OF TORONTO  
FACULTY OF MEDICINE

# MedEmail

February 23, 2012  
Vol. 20, No. 12



## Dean's Message

Mats Sundin and Dean Catharine Whiteside announce the Sundin Fellowships

In the past few weeks, the Faculty of Medicine has experienced major events including two announcements that will position us to take a leading role in the study of human development in Canada and around the world.

First, I'm delighted to welcome **Dr. Stephen Lye** (Dept. of Obstetrics and Gynaecology, Mount Sinai Hospital) and **Dr. Marla Sokolowski** (Dept. of Biology, UT Mississauga) to their new roles as Executive Director and Academic Director of the recently founded University of Toronto Institute of Human Development (IHD), jointly led by the Faculty of Medicine and the Ontario Institute for Studies in Education.

This new inter-disciplinary institute will help us leverage the talent and resources across clinical and basic science departments and among our affiliated hospitals and research institutes to build our understanding of this growing field – where we are learning how a range of external factors can change the genetic expression in an infant or a child in ways that will affect their health trajectory throughout life.

The study of human development presents precisely the type of complex, global challenge that requires collaboration and partnership among scientists across the world. That's why we were also so pleased to announce a new partnership with the renowned Karolinska Institutet in Stockholm, Sweden.

Over the past 15 years, our two universities have worked together to share and expand our collective knowledge in maternal-infant health, neurodevelopment and regenerative medicine, but this past week, we have taken this partnership one step further.

Made possible through a generous gift from former Maple Leafs captain **Mats Sundin**, and with an additional contribution from the Toronto Maple Leafs organization itself, we have established the new **Mats Sundin Fellowships in Human Development**. These fellowships will provide an invaluable scientific exchange opportunity for some of our very best young minds - giving young researchers the chance to work with world-leading scientists in human development and laying the foundation for a lifetime of collaboration and discovery between Sweden and Canada.

The Sundin Fellowships are the beginning of an incredible legacy that we hope will lead to a new generation of top scientists engaged – and working internationally – on the challenges that define our future, including how we approach some of the most common diseases including diabetes, cardiovascular conditions and cancer.

When I reflect on the profound impact this research and learning can have on the health of individuals and across populations, I share with you our pride that U of T Medicine is at the heart of these new initiatives.

**Catharine Whiteside**

Dean, Faculty of Medicine

Vice-Provost, Relations with Health Care Institutions

**IN THE NEWS:**

Hockey superstar scores for developmental health

Canadian university collaborative one of four worldwide to lead health education reform

If you would like to have a news item or a research or education award announcement placed in MedEmail please forward it by e-mail to [Leslie.Church@utoronto.ca](mailto:Leslie.Church@utoronto.ca).

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**1. Academic Appointments**

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**Institute for Human Development - Appointment of Executive Director and Academic Director**

Dear Colleagues:

It is with pleasure that we announce the appointment of **Professor Stephen J. Lye** as the inaugural Executive Director, and **Professor Marla B. Sokolowski** as Academic Director, of the University of Toronto Institute for Human Development (IHD), effective January 1, 2012.

The Institute will take on the big issues in human development important in Canada and around the world. Increased understanding of these issues, and the development of effective interventions early in life, will have enormous benefits to individuals and peoples everywhere.

As Executive Director, Professor Lye will lead the IHD in building inter-disciplinary research capacity among collaborating partners across the University of Toronto and many of the fully affiliated hospitals/research institutes.

Stephen Lye, who in his early career trained as a teacher in the public school system, is a Professor and Vice Chair of Research in the Department of Obstetrics and Gynecology, and holds cross-appointments in the Departments of Physiology and Medicine in the Faculty of Medicine. He is also Associate Director of the Samuel Lunenfeld Research Institute at Mount Sinai Hospital and holds the Canada Research Chair in Improved Health and Function. Professor Lye is a recognized leader in the field of women's and infants' health whose research focuses on understanding the developmental origins of health and disease and the importance of early developmental factors to optimize life trajectories. He has been instrumental in launching the Ontario Birth Study at Mount Sinai Hospital that will be one of the world's largest and most comprehensive studies of the impact of development on an individual's health, learning and social functioning.

As Academic Director, Professor Sokolowski will be responsible for education and training programs within the IHD as well as contributing to strategic research and planning for the Institute.

Marla B. Sokolowski is a University Professor in the Department of Biology at the University of Toronto at Mississauga (UTM) and has most recently accepted a position in the Department of Ecology and Evolutionary Biology, Faculty of Arts and Sciences. An award winning researcher, mentor and lecturer, Dr. Sokolowski is a Fellow of the Royal Society of Canada, a Canada Research Chair in Genetics and Behavioural Neurology, and the Weston Fellow of the Canadian Institute for Advanced Research (CIFAR) where she co-directs the Experience Based Brain and Biological Development Program. Her innovative work in behaviour genetics is recognized worldwide and has significantly enhanced our understanding of how genes interact with the environment, thus impacting behaviour and human development.

We would like to thank the Appointments Committee:

- **Amy Mullin**, Vice-Principal Academic and Dean, University of Toronto Mississauga
- **Brian Corman**, Dean, Graduate Studies and Vice-Provost, Graduate Education, University of Toronto
- **Janet Rossant**, Vice President, Research, SickKids
- **Jim Woodgett**, Director of Research, Lunenfeld Research Institute
- **Peter Lewis**, Associate Vice President, Research, University of Toronto
- **Rick Halpern**, Dean and Vice-Principal (Academic) University of Toronto Scarborough
- **Rob Baker**, Vice Dean, Faculty of Arts and Science, University of Toronto

Please join us in congratulating Professors Lye and Sokolowski on their appointments and wishing them every success in their new roles with the University of Toronto Institute for Human Development.

Sincerely,

Catharine Whiteside  
Dean, Faculty of Medicine  
Co-Chair, IHD Executive Committee

Julia O'Sullivan  
Dean, OISE  
Co-Chair, IHD Executive Committee

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## 2. Accreditation News and Updates

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**The Learning Environment in the Undergraduate Medical Education (UME)**

## **program**

An appropriate learning environment is critical to a successful professional education program. This is acknowledged at the University of Toronto Faculty of Medicine in important documents, including the *Standards for Professional Behaviour of Medical Clinical Faculty* and the affiliation agreements between the University and various training sites, including our full and community affiliates.

It is a critically important aspect of the learning environment that students feel safe, respected and supported by their teachers or others. The Canadian Graduation Questionnaire is a survey conducted each year of the graduating MD class, and asks a variety of questions about students' experiences in medical school, including whether students have experienced or witnessed any incidents of discrimination, intolerance, or other behaviour that would contribute to a disrespectful learning environment. In 2011, 24.3% of Canadian medical students surveyed indicated having experienced some form of mistreatment. Among U of T medical students, the percentage was lower, at 19.3%. The most frequently reported type of mistreatment is "public belittlement or humiliation," and a small number of students report a variety of other forms of mistreatment.

While U of T has consistently remained lower than the national average every year since 2004, all members of the medical school leadership would like to work to reduce the number of students who have any negative experiences of this kind in their learning environment. The first step is for members of the faculty to be aware that such mistreatment is taking place. Second, the learning environment is being more carefully scrutinized. This is being done by asking students questions specifically about the learning environment on course evaluation forms, and also by systematically asking students to provide feedback about their teachers as professional role models and whether their teachers contributed to a positive learning environment. Third, the UME program has implemented a "Red Button" online reporting system to make it simple and straightforward for students to report mistreatment or other concerning incidents to the appropriate UME leader. These reports will be carefully monitored by the UME leadership, and will be reported on annually by the Associate Dean, Equity & Professionalism.

The Faculty of Medicine leadership is very grateful to all of its faculty members, staff and students for contributing to the excellent learning environment we currently have, and for working with us to make it even better.

Sincerely,

Catharine Whiteside  
Dean, Faculty of Medicine

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## **3. Honours and Awards**

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### **Royal College of Surgeons in Ireland Honorary Fellowship**

**Dr. Patrick Gullane** (Dept. of Otolaryngology, University Health Network) was awarded an honorary fellowship by the Royal College of Surgeons in Ireland, the highest honour bestowed by the college. Honorary fellowship is awarded in recognition of an individual's outstanding contributions to medicine, surgery and humanity. The award was presented at the college's annual Charter Day meeting at which Prof. Gullane delivered the 87th Abraham Colles keynote lecture, *"Innovation and Creativity in Head*

*& Neck Surgery: A Journey of a Lifetime."*

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### **Canadian Health Services Research Foundation (CHSRF) Excellence through Evidence Award**

**Dr. Leslie Levin** (Dept. of Medicine, Princess Margaret Hospital) is the recipient of the CHSRF's *Excellence through Evidence Award* recognizing a health services leader who has successfully implemented evidence-informed innovations in care and service delivery. Professor Levin is the Head of Health Quality Ontario's Medical Advisory Secretariat, and has been a leader in academia, government, and healthcare administration. He is experienced in clinical and wet-bench research and has advised governments and funding agencies on evidence-based policy decision-making in Canada and abroad.

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### **Grand Challenges Canada Awards**

**Professor Jan Andrysek** (Institute of Biomaterials & Biomedical Engineering, Holland Bloorview Kids Rehabilitation Hospital), **Dr. Helen Dimaras** (Ophthalmology and Vision Sciences), and **Dr. Ophira Ginsburg** (Dept. of Medicine, Dalla Lana School of Public Health) are among the four U of T researchers whose work was recognized February 9th with \$100,000 Rising Stars in Global Health grants by [Grand Challenges Canada](#), an independent not-for-profit organization dedicated to improving the health and well being of people in developing countries by integrating scientific, technological, business and social innovation.

**Prof. Andrysek** developed an inexpensive artificial leg that is based on a novel control mechanism that is able to mimic the function of leg muscles. It steadies the leg when weight is placed on it without adversely inhibiting the natural patterns of walking at a price tag of \$50.

**Dr. Dimaras** is seeking to improve cancer treatment in Africa by bringing timely and accurate diagnosis using digital pathology images and Internet-based communications. The initial focus for this project will be on the diagnosis of retinoblastoma, a type of cancer affecting the eye. Dimaras' network will allow remote clinics to send specimens to a single lab for diagnosis, with the results being shared in real-time with the treating physician.

**Dr. Ginsburg** is using mobile phone technology in rural Bangladesh, where many women with breast cancer don't seek treatment until it's too late. She is developing and testing a mobile phone app to be used by female Community Health Workers to overcome social barriers that cause women not to seek treatment and help also encourage them to seek treatment sooner and adhere to treatment and follow up protocols.

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### **Undergraduate Medical Education, Medical Student Research Day 2012: Best Oral & Poster Presenter Winners**

The 26th annual Medical Student Research Day was held on Tuesday, January 24th. **158** MD students and **13** MD/PhD students from the University of Toronto participated and showcased a total of 171 abstracts in poster form. Scholarships were awarded to students judged to have the best oral and poster presentations in several different categories. Congratulations to all of this year's winners!

### **Oral Presenter Winners:**

#### **Basic Science: Jordan Silverman (1T4)**

**Supervisor:** Dr. Leslie Morse: Department of Physical Medicine and Rehabilitation, Harvard Medical School, Spaulding Rehabilitation Hospital

**Project:** *B-cell suppression follows osteoblast depletion in spinal cord injured rats: Evidence that osteoblast rescue may prevent SCI-induced immunosuppression*

#### **Clinical: Andrew Warkentin (1T3)**

**Supervisor:** Dr. Chia Sing Ho: Department of Radiology, Toronto General Hospital, University Health Network

**Project:** *Endoscopic or percutaneous biliary drainage for Klatskin tumours?: A large retrospective study*

#### **CREMS Scholar 2010: Davide Cina (MD/PhD)**

**Supervisor:** Dr. Susan Quaggin: Department of Nephrology, Samuel Lunenfeld Research Institute, Mount Sinai Hospital

**Project:** *Inhibition of MTOR disrupts autophagic flux in podocytes*

#### **CREMS Scholar 2010: Jennifer Locke (1T3)**

**Supervisor:** Dr. Rob Bristow: Department of Radiation Medical Biophysics, Princess Margaret Hospital, University Health Network

**Project:** *NKX3.1 Haploinsufficiency is prognostic for prostate cancer relapse following surgery or image-guided radiotherapy*

#### **Health Care: Joshua Liu (1T3)**

**Supervisor:** Dr. Howard Abrams: Department of Medicine, University of Toronto

**Project:** *Current state mapping of avoidable hospitalization for complex patients*

#### **International Health: Johnny Nguyen (1T4)**

**Supervisor:** Dr. Ophira Ginsburg: Department of Medicine, Women's College Research Institute

**Project:** *Establishment of a triple negative breast cancer database in Vietnam*

#### **MD/ PhD: Marko Skrtic**

**Supervisor:** Dr. Aaron Schimmer: Campbell Family Cancer Research Institute, Princess Margaret Hospital, University Health Network

**Project:** *Inhibition of mitochondrial translation as a therapeutic strategy for human acute myeloid leukemia*

### **Poster Presenter Winners:**

#### **Basic Science: Eric Lai (1T4)**

**Supervisor:** Dr. Don Branch: Division of Cell & Molecular Biology, Toronto General Research Institute, Canadian Blood Services, University of Toronto and University Health Network

**Poster:** *Isolation of anti-HIV peptide(s) from crocodile plasma*

#### **Clinical: Joel Mokhtar (1T4)**

**Supervisor:** Dr. Lucas Murnaghan: Division of Orthopaedic Surgery, The Hospital for Sick Children

**Poster:** *Casting simulation in Orthopedics: Improving a lost art*

#### **CREMS Scholar 2010: Newton Cho (1T3)**

**Supervisor:** Dr. Michael Fehlings: Division of Genetics and Development, Toronto Western Research Institute, Toronto Western Hospital, University Health Network

**Poster:** *Evaluation of the role of IL-11, a novel cytokine of the IL-6 family, in the pathophysiology of spinal cord injury*

**CREMS Scholar 2011: Ann Young (1T4)**

**Supervisor:** Dr. Joseph Kim: Division of Nephrology, Department of Medicine, University Health Network

**Poster:** *Re-examining pre-donation renal function criteria for living kidney donor selection: Impact on long-term graft survival - Preliminary results*

**Determinants of Community Health: Pearl Leung (1T3) & Anna Krylova (1T3)**

**Supervisor:** Dr. Connie Cheung: Division of Research, Children's Aid Society of Toronto

**Poster:** *The effects of Children's Aid Society on socio-cognitive and motor development of children in care*

**First Year (New Category): Amin Bahubeshi (1T5)**

**Supervisor:** Dr. William Foulkes: Division of Human Genetics, Department of Oncology, McGill University Health Centre

**Poster:** *The DICER1 gene in human disease*

**Health Care: Olga Malinowska (1T4)**

**Supervisor:** Dr. Gillian Einstein: Department of Psychology, University of Toronto

**Poster:** *"Does parity mean equality?" An assessment of the gender climate for undergraduate medical students*

**International Health: Lucas Badenduck (1T4)**

**Supervisor:** Dr. Michael Silverman: Division of Infectious Diseases, Department of Medicine, University of Toronto

**Poster:** *Preliminary results of HIV transmission rates using a Lopinavir/Ritonavir (LPV/r, Aluvia™) based regimen and the new WHO breast feeding for PMTCT*

**MD/PhD: Jared Wilcox**

**Supervisor:** Dr. Michael Fehlings: Division of Genetics and Development, Toronto Western Research Institute, Toronto Western Hospital, University Health Network

**Poster:** *A PDK1-independent regulatory pathway for Akt in vivo*

**MSRD 2012 Promotional Poster Designed by: Olivia Yonsoo Shim**

The MSRD organizing committee would like to thank **Dr. Michael Fehlings**, Toronto Western Hospital, and **Dr. Janet Rossant**, Hospital for Sick Children, for their enlightening keynote addresses to the medical students and a special thanks to the cadre of judges who provided their time to read and adjudicate the many posters.

Most importantly, the University of Toronto Faculty of Medicine thanks the 2012 Medical Student Research Day student organizing committee members, **Diana Choi**, **Ilya Mukovozov**, **Sheron Perera**, **Suparna Sharma**, and **Miliana Vojvodic**, and staff member, **Sue Romulo** for their efforts in making this day successful!

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## 4. Announcements

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Dear friends and colleagues,

After 38 remarkable years, **Diana Alli** has decided to retire from the University of Toronto on June 30, 2012.

Diana has held many roles since February 1974, from a clerk in Engineering, to multiple positions in the Faculty of Medicine, including Program Assistant, Division of Community Health, Awards Officer, Admissions Officer, Co-ordinator and Business Officer, Student Affairs and her current position as Senior Officer, Service Learning, Community Partnership and Student Life, Office of Health Professions Student Affairs. She has served on University Advisory Committees, Faculty Council, the University of Toronto Disability Committee, and currently serves as a Governor on the University of Toronto Governing Council.

Diana is a member of many community Boards of Directors, and has been the recipient of many prestigious awards, including the Change your Future Award from The Learning Partnership–Canada, Healthy U of Toronto Award from the Centre for Health Promotion, National Northeast Association Medical Colleges Award for Student Advocacy, the 2001 Chancellor's Award for outstanding contributions by an administrative staff member and the Aikins Teaching Award as a co-recipient for Course Development and Coordination. In 2005, Diana was awarded the Order of Ontario in recognition of her instrumental role "in giving thousands of at-risk children a second chance and as a founder of *Earth Tones*, a musical benefit concert held annually that raises tens of thousands of dollars in support of initiatives for destitute children around the world."

But most importantly, Diana has touched and impacted the lives of countless students in the Faculty of Medicine and throughout the University of Toronto. She has been a mentor to hundreds of students and individuals in our surrounding communities. Diana has made contributions in so many ways - she has truly made a difference, and the University landscape will be forever changed with her retirement.

True to her spirit and commitment to Social Responsibility and helping others, Diana's future plan includes working with 'at risk' communities and schools, developing outreach and mentoring programs in South Africa, India, and Guyana working with NGOs in the developing world.

We sincerely wish Diana all the best in her future endeavours. We will be holding a celebration of Diana's contributions to the University of Toronto in the late spring, details of which will be announced in the near future.

Sincerely,

Catharine Whiteside  
Dean, Faculty of Medicine

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## 5. Call for Applications

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### **Undergraduate Medical Education MD Program**

*APPLICATIONS INVITED FOR DIRECTOR, CLERKSHIP*

Applications are invited for the position of Clerkship Director in the Faculty of Medicine, Undergraduate Medical Education (0.5 FTE). The Clerkship is an integrated learning experience as part of the Doctor of Medicine curriculum (years 3 and 4) which provides students with the knowledge, skills, and attitudes essential to care for patients effectively, efficiently, and humanely, and which prepares them for residency training. The Faculty's goal is to facilitate learning, to stimulate curiosity, to promote independent

thinking, to encourage compassionate, excellent care, and to equip students for a lifetime of practice and learning.

Dr. Anita Rachlis is stepping down from the position of Clerkship Director, a role she has held for the past ten years, and in which she served with great distinction.

Appointment of the Clerkship Director will normally be for a five-year renewable term. The Clerkship Director reports to the Vice-Dean, Undergraduate Medical Education and Director of Curriculum. In keeping with the existing UME overall curriculum goals and objectives, the Clerkship Director has overall responsibility for the design, development, implementation, and evaluation of the Clerkship (years 3 and 4 of the Undergraduate Medical Education program).

The successful candidate will be a practicing physician, with strong education and clinical credentials, who is interested in contributing at a senior level to an innovative, fast evolving, and collaborative education environment.

Faculty members interested in this position are encouraged to submit a letter of application and up-to-date curriculum vitae and teaching dossier by **March 16, 2012** to Dr. Jay Rosenfield, Vice-Dean, Undergraduate Medical Education, Room 2111, Medical Sciences Building, 1 King's College Circle, Toronto ON M5S 1A8, email: [jay.rosenfield@utoronto.ca](mailto:jay.rosenfield@utoronto.ca), with a copy to Riet van Lieshout, Manager Finance and Administration, Room 2301B, Medical Sciences Building, 1 King's College Circle, Toronto ON M5S 1A8, email: [r.vanlieshout@utoronto.ca](mailto:r.vanlieshout@utoronto.ca). Electronic submission is preferred.

Further information can be obtained by contacting Dr. Jay Rosenfield at 416-978-4934 or [jay.rosenfield@utoronto.ca](mailto:jay.rosenfield@utoronto.ca). To view a detailed position description, go to [http://www.md.utoronto.ca/about/vicedean/employment/clerkship\\_director.htm](http://www.md.utoronto.ca/about/vicedean/employment/clerkship_director.htm).

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## 6. Around Campus

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### Faculty of Medicine Clothing Catalogue 2012

It is with great pleasure that we bring to you our annual tradition of selling University of Toronto clothing and accessories that are right for you, your family members, and friends in support of our 1T5 class council!

Be sure to explore the user-friendly website, download the [catalogue \(click here\)](#), and add to your cart on this website. When you are satisfied with what you have in your cart, you can checkout online and pay via credit card with PayPal, where your information is 100% secure. You can also download the [order form \(click here\)](#) and place your order in person.

This year, our catalogue is divided up into Shirts, Sweaters and Outerwear, Bottoms, and Accessories. When using the electronic catalogue, go to "View", then "Page Display", and finally "Two Page Scrolling" on Adobe Reader. The colours of clothing items are listed in writing in the order from left to right of the visual colour palette.

Some important details:

1. **Our Purchase Period:** Today until Thursday, March 1st at 12:00 noon.
2. **Our Website and PayPal:** <http://utmeds1t5clothingsale.com> and payments are secure because we are using PayPal, so you can have peace of mind.

3. **Our Electronic Catalogue and Order Form:** Both are downloadable [here](#).
4. **Our Sample Fittings:** Monday to Thursday from 12:10 to 1:00 pm (at MAM for MAM students and between Lecture Room 3154/3153 in MSB) and 4:30 to 5:30 pm (at MAM for MAM students and in MAA Lounge in MSB)
5. **Refund Policy:**  
Due to the large order quantity, we cannot change orders after Feb 15th. We thank you for your understanding.
6. **Order Arrival:** Orders are expected within one month - and **March 17th** is currently our expected date. An email closer to the date will be sent out, and clothing will be distributed to you once it arrives.

*Please note:* the sizings of the non-elastic cuff sweatpants are much bigger than the sizings of the elastic cuff sweatpants. Please note that when ordering on the order form or online.

Contact us at [medicine1t5@gmail.com](mailto:medicine1t5@gmail.com) for more details! **Happy Shopping!**

With pleasure,

Henry Fung and Nadia Clarizia  
Co-Presidents, MD Class 2015  
On Behalf of the 1T5 Class Council

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## Daffydil 2012

U of T MEDS Presents:  
*"The Root of What Plagues You"*

**Wednesday, February 22 – Saturday, February 25 @ 8pm**  
Doors open at 7:30pm (4 performances)  
Hart House Theatre

Tickets: Adults - \$25 in advance, \$28 at the door  
Students & Seniors - \$20 in advance, \$23 at the door

Now in its 101st Season, *Daffydil* is an annual musical production that raises funds for the [Canadian Cancer Society](#).

Since its inception in 1905, *Daffydil* has contributed over \$500,000 to the deserving charity and has been recognized with the Canadian Cancer Society's Community Partner Award.

What *Daffydil* is especially known for, however, is entertaining over 1500 guests each year with a fantastic and comical musical performance!

The production has evolved from a small variety show into a full-fledged parody that includes acting, singing, music, and dancing.

From directing to fundraising to script-writing, every aspect of the show is created by students from the Faculty of Medicine's departments of medicine, physical & occupational therapy, speech language pathology, biomedical communications, and medical radiation sciences.

And remember, all proceeds go to cancer research -hope to see you there!

Julia Kornder & Ling Chen  
Daffydil 2012 Co-producers  
daffydil2012@gmail.com

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### **2012 Massey Grand Rounds Symposium**

The 2012 MGR Symposium will be held on March 28th, 2012 with the theme "Equity in Healthcare: Access and Outcomes". The keynote address will be given by the former president of the CMA, current Chief of Staff of The Ottawa Hospital and co-founder of the Ottawa Inner-City Health program, Dr. Jeffrey Turnbull. For more information about this upcoming event, please view the website at <http://www.masseygrandrounds.ca/> or [click here](#).

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### **Faculty of Medicine 10th Annual Education Achievement Celebration**

Save the Date! The Faculty of Medicine's 10th Annual Education Achievement Celebration will be held this spring to recognize teaching and educational excellence within the Faculty.

When: Monday April 30th, 2012  
Time: 4:15 pm - 7:00 pm  
Where: The Great Hall - Hart House

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### **Institute of Medical Science - Winter 2012 Magazine**

The Institute of Medical Science (IMS) at the University of Toronto has recently released their [Winter 2012 issue](#) of the IMS Magazine. Concussions and spinal cord injuries are some of the most talked-about injuries in the world of sports. In this issue of the IMS Magazine, our experts discuss the emerging research in the field. Also, you can read about how former NFL player, Sean Morey, was forced into retirement because of his concussions, and how he now advocates for athlete safety.

*New!* Check out our Book Reviews section and enjoy an exclusive interview with Rebecca Skloot, author of the *New York Times* bestseller "The Immortal Life of Henrietta Lacks." Continue onto our Future Directions section featuring Dr. Catharine Whiteside's journey through the IMS to the Dean of the Faculty of Medicine. Read the issue at <http://issuu.com/imsmagazine/docs/imswinter2012> or [click here](#).

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## **7. Medicine Research Online**

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- [CIHR Open Operating Grants - Fall 2011](#)
- [CIHR Priority Announcement and Bridge Funding - Fall 2011](#)
- [CIHR Proof of Principle Program - Phase 1](#)
- [CIHR Emerging Team Grant - Rare Diseases - INMD Basic/Clinical](#)
- [CIHR Dissemination Event Grants](#)
- [CIHR Planning Grants](#)
- [Grand Challenges Canada - Rising Stars in Global Health](#)

~ Our congratulations to all! ~

## **Upcoming Award Deadlines**

### **March**

NSERC Gerhard Herzberg Canada Gold Medal of Science & Engineering  
NSERC Brockhouse Canada Prize  
SSHRC Gold Medal for Achievement in Research  
Canadian Academy of Health Sciences  
Order of Ontario  
NSERC John C. Polanyi Award  
CIHR Michael Smith Prizes in Health Research  
Balzan Prize

### **April**

American Academy of Arts & Sciences Fellows

For any queries regarding awards, please contact:

Elizabeth Fragnelli  
Email: [elizabeth.fragnelli@utoronto.ca](mailto:elizabeth.fragnelli@utoronto.ca)  
Phone: 416 978-4660 or

MaryAnn DeFrancis  
Email: [maryann.defrancis@utoronto.ca](mailto:maryann.defrancis@utoronto.ca)  
Phone: 416-978-8316

### **Resources:**

Henry Stewart Talks (University of Toronto Libraries)  
Faculty of Medicine Equipment Repair Centre  
UHN Shanghai Custom Chemical Synthesis

### **Regular Departments:**

Updates from CIHR University Delegate  
Funding News & Opportunities - local, national, international  
Links to Departmental Research Seminars

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