



CFI Funds RI Facilities at the Glen

As we are all aware now, the Research Institute was recently awarded nearly \$100M for its detailed CFI-Research Hospital Fund -Large Scale Institutional Endeavours proposal entitled, "Translational Research and Intervention Across the LifeSpan" from the Canadian Foundation for Innovation. This award contributes to funding the new research facilities at the Glen.

Construction on the new site is expected to begin in the fall 2009, but in advance of, numerous details leading up to the preparation for that day are now in full swing.

Dr. Papadopoulos, with representation from both MUHC, McGill and the MSSS recently met with CFI officials to discuss next steps.

Among the issues brought for discus-



Dr. Papadopoulos addresses the audience at the CFI Press Conference held at the RVH on August 20th

sion were on the implementation plan and CFI project oversight, governance and management, milestones, risk analysis, mitigating strategies and quarterly financial and progress reporting.

Dr. Papadopoulos reports that they will be proceeding with the specific definition of the eighteen month project start date next.

It's clear that much of the work to organize the construction of the new facilities will occur within the next several months.

It's a mammoth task that requires extraordinary foresight and vision to ensure that the project is not just successful, on time, and on budget, but that it happens in parallel with the construction of the MUHC hospital facilities.

We'll keep you posted on future developments.

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RI Spring Studentship/Fellowship 2008 Competition Results

In this competition, 123 applicants were received. 30 out of 99 graduate students were funded for \$241,255 and 8 out of 24 postdoctoral fellows were funded. 38 applicants were funded for a total amount of \$358,255.

Congratulations to all the successful applicants.

1st yr Graduate Students

Anastasio, Natascia (D. Rosenblatt)

D'Cunha, Mila (L. Rosenberg)

Mcintire, Christian (M. Saleh)

Moolji, Jalaluddin (M. Behr)

Roshdy, Osama (Q. Hamid)

Vincent, Caroline (A. Manges)

2nd Yr Graduate Students

David, Seth (I. Binik) *Renewal*

Lim, Letitia (J. Henderson)

Young, Katie (B. Ward)

3rd Yr Graduate Students

Birch, Ashley (P. Tonin) *Renewal*

Burnier, Julia (P. Brodt)

Clouatre, Elsa (E. Schurr)

D'Antoni, Michelle (M. Ludwig)
Renewal

Eichner, Lillian (V. Giguere)

Hillier, Kelty-Anne (M. Pai)

Khan, Rabia (D. Malo)

Mitra, Shuvadeep (B. Turcotte)

Reidel, Kristen (R. Tamblyn)

Ryan, Julia (T. Gyorkos)

Stacey, Stephanie (D. van Meyel)
Renewal

Zwerling, Alice (M. Pai)

Graduate Students Beyond 3rd Yr

Addison, William (M. McKee)

Kao, Alina (I. Binik) *Renewal*

Long, Hong (Y. Rao) *Renewal*

Veyrier, Frederic (M. Behr) *Renewal*

Zhou, Lei (K. Murai) *Renewal*

Postdoctoral PhD Fellows

Bennetts, Liga (B. Robaire)

Haghighi, Farhad (N. Jabado)

Li, Bing (J-L Liu)

Miu, Jenny (M. Stevenson) *Renewal*

Bailer, Swneke (J. Engert) *Renewal*

Labbe, Katherine (M. Saleh) *Renewal*

Ou, Yimiao (D. van Meyel)

Watt, Heather (B. Jean-Claude) *Renewal*

Bertos, Nicholas (M. Park)

Jones, emma (K. Murai)

Marcil, Valerie (E. Seidman)

Yeretssian, Garabet (M. Saleh)

The 2008 Fall Studentship/Fellowship Competition is now open.

Find details on our website at
<http://www.muhc.ca/research/competitions/>

Please note this competition is open only to applicants who are NOT currently funded by the Research Institute.

For information, contact the coordinator directly at
wendy.fine@mail.mcgill.ca

Cancer Research Society Grants

Congratulation to three RI investigators who successfully obtained funding from the Canadian Research Society for the following proposals:

Komorova Svetlana, Musculoskeletal Disorders

Tumor-induced osteoclast resistance to bisphosphonate action

Muller William, Cancer

Role of the tumor suppressor PTEN (Phosphatase and Tensin homolog deleted on chromosome Ten) in ErbB-2 induced mammary tumorigenesis

Tonin Patricia, Cancer

Deletion analysis of BRCA1 and BRCA2 loci in selected high risk breast and/or ovarian cancer families of French Canadian descent

CIHR Proof of Principle Program

Blaschuk, Orest Cancer - Enhancers of therapeutic protein delivery.

Gobbi, Gabriella, Mental Illness and Addiction - Novel selective melatonin 2 receptor (MT2) ligands: An innovative approach to the treatment of insomnia

Nepveu, Alain Cancer - The use of the CUX1 transcription factor as a diagnostic and predictive tool in breast cancer and other malignancies.

Radzioch, Danuta Infection & Immunity - Treatment with fenretinide improves recovery from acute spinal cord injury and prevents other neurological disorders caused by chronic inflammatory process affecting central nervous system.

CIHR Funding Announcements

Congratulations to all Research Institute investigators who successfully obtained funding from CIHR in the March 08 competition.

Ahmed Sarah, Health Outcomes
Facilitating patient self-management in chronic disease: Integrating electronic personal health records and ongoing communication into a web-based self-management tool

Avoli, Massimo Neurosciences
Cellular mechanisms of epilepsies.

Brouillette, Marie-Josée Mental Illness and Addiction - Investigation of the role of different biological systems in the etiology of interferon-alpha induced depression.

Cloutier, Jean-Francois, Neurosciences
- Molecular mechanisms of sensory systems development.

Dendukuri Nandini, Health Outcomes and **Pai Madhukar**, Respiratory Health - Novel statistical methods for Tuberculosis diagnostic studies.

Goldberg Mark, Cancer (and Khairy, Paul) A longitudinal study to identify factors that trigger ventricular tachyarrhythmias among persons with implanted cardioverter defibrillators.

Gougeon, Rejeanne Endocrinology, Diabetes, Nutrition and Kidney Diseases - Insulin sensitivity of protein in Type 2 Diabetes Mellitus

Hess Robert, Neurosciences - Matrix crosslinking by Factor XIIIa and transglutaminase 2 during bone formation.

Jabado, Nada, Medical Genetics and Genomics - Identification and characterization of genes involved in the genesis and progression of pediatric astrocytomas

Jean-Claude, Bertrand Cancer - Single molecules engineered for the tandem delivery of Xeloda® and EGFR/Her2 tyrosine kinase inhibitors: a novel multitargeted approach for the therapy of advanced breast cancers.

Kassouf, Wassim Cancer - Interrogating the mTOR Signaling pathway in bladder

Kiss, Robert, Cardiovascular Diseases and Critical Care - Understanding of regulated intracellular cholesterol movement and cell growth through interplay between LRP1 and its adapter proteins

Komarova, Svetlana Musculoskeletal Disorders - Regulation of osteoclast formation and function by cell-cell interactions in the bone microenvironment

McCusker Christine, Infection and Immunity - Mechanisms of tolerance induction through neonatal exposure to environmental antigens. Prevention of asthma and allergic rhinitis

Muller, William Cancer - The role of phosphatidylinositol-3 kinase (PI3K) coupled signaling pathways in mammary tumorigenesis

Nalbantoglu, Josephine and **Karpati, George** Neurosciences - Molecular therapies for dystrophin deficiency

Pai, Madhukar, Respiratory Health - Innovative approaches for diagnosing tuberculosis in the era of HIV.

Pilote, Louise Health Outcomes - GENESIS PRAXY GENdEr and Sex determinants of cardiovascular disease: from bench to beyond premature acute coronary syndrome.

Polychronakos, Constantin
Endocrinology, Diabetes, Nutrition and Kidney Diseases - Novel genetic susceptibility loci for type 1 diabetes.

Powell, William Respiratory Health - Biosynthesis and role of eicosanoids in inflammation.

Robaire, Bernard Human Reproduction and Development - Aging of male germ cells

Rozen, Rima, Medical Genetics and Genomics - Low dietary folate and colorectal carcinogenesis

Sadikot, Abbas Neurosciences - Mechanisms by which afferents regulate striatal neuronal loss and motor activity in movement disorders.

Skamene, Emil Infection & Immunity - Genetic dissection of host response against respiratory virus infections in recombinant congenic strains of mice.

Snider Laurie, Human Reproduction and Development - The predictive validity of the general movements assessment of infants born preterm for functional outcomes at six years of age

Stellwagen, David Neurosciences - The role of TNFalpha in synaptic plasticity and during neurodegeneration.

Sullivan, Michael Health Outcomes - Psychological determinant of accelerated health decline while waiting for joint replacement surgery.

Snider, Laurie Human Reproduction and Development - The predictive validity of the general movements assessment of infants born preterm for functional outcomes at six years of age.

Stifani, Stefano Neurosciences - Mechanisms of correction of deltaF508CFTR

Trasler Jacquetta, Medical Genetics and Genomics - Sex-specific susceptibility for fetal origins of adult disease and transgenerational effects

Yang, Xiang-Jiao Cancer - Class IIa mammalian histone deacetylases in transcriptional regulation and cell differentiation.

Zatorre, Robert Neurosciences - Mapping the human auditory cortex: low-level features and higher-order interactions.

Internal News

Appointments

Dr. Qutayba Hamid, Respiratory Health Axis, appointed as Scientific Director of the Meakins-Christie Laboratories effective October 1, 2008. Dr. Hamid's appointment follows Dr. Jim Martin, who served as the Scientific Director for 12 years.

Kudo's

Dr. Alan Barkun, Health Outcomes Axis, named the recipient of the 2009 Canadian Association of Gastroenterology Visiting Professor Award. The CAG Visiting Research Professorship is one of the three most prestigious research awards given out by the Canadian Association of Gastroenterology. Although offered annually, it is not awarded each year. The recipient is a member of CAG who is a proven teacher and an outstanding researcher. With this award, Dr. Barkun will be travelling to Gastroenterology divisions across the country, presenting his past and ongoing research activities, and providing mentorship and promoting excellence in research in digestive diseases.

Dr. James Brophy, Cardiovascular Diseases and Critical Care Axis, awarded the first Research Chair in Technology Assessment and Evidence-based Medicine in the amount of \$100,000 annually for 5 years. This Research Chair program is funded in partnership between the FRSQ, the ministere de la Sante et Services sociaux (MSSS) and Quebec's University Hospital Centre

Dr. Stephane Laporte, Endocrinology, Diabetes, Nutrition and Kidney Diseases Axis, awarded the Young Investigator Award 2008 by the Canadian Society of Endocrinology and Metabolism. This award is given to an individual who has been a faculty member at a Canadian university for less than 10 years (not necessarily continuous) and has demonstrated excellence as an independent investigator. The award includes a grant in support of the awardee's research program, and the awardee presents a lecture describing his research at the CSEM Annual Meeting.

Dr. Madhukar Pai, Respiratory Health Axis, appointed as a Visiting Professor at Stellenbosch University, Cape Town South Africa, in the Division of Community Health.

Dr. Frank Verhaegen, Cancer Axis, and the Medical Physics Unit won the Sylvia Fedoruk Prize for best Canadian paper in the field of Medical Physics in 2007. This prize is issued by the Canadian Organization of Medical Physicists (COMP).

New RI Investigators

Dr. Brian Chen, Neurosciences Axis, recruited to the McGill Centre for Research in Neuroscience (CRN). He holds a position as an Assistant Professor in the Dept. of Medicine. Dr. Chen's research has produced major insights into our understanding of how the brain changes with experience. As a graduate student in the lab of Karel Svoboda at Cold Spring Harbor Labs he was co-first author on a now-classic, paper that detailed, remodelling of individual synapses in the rat cortex that underlie acquisition of a new behaviour.

What's New



Phasing Mercury Out

The MUHC would like to be mercury free by the end of 2008, so the RI MUHC is encouraging personnel to get rid of their mercury thermometers by offering a replacement thermometer in exchange. Please contact Pubalee Bera at 35780 or via email Pubalee.bera@muhc.mcgill.ca. If you are at the MGH, contact Luc Viens at 44592 or via email at luc.viens@muhc.mcgill.ca.

Battery Recycling

Battery recycling containers are now available at the following MUHC sites:

MGH: Cafeteria 4th floor D-4 West

RVH: Cafeteria 'Le Victorien' (A1.01)

MCH: Cafeteria

2155 rue Guy: Main entrance

IATA Training for Class 6.2 (Transportation of Dangerous Goods by Air)

A training session in the transportation of dangerous goods by air for Class 6.2 is being organized to be held in November. Please contact Pubalee Bera via email at pubalee.bera@muhc.mcgill.ca or ext 35780 to register. Once again, if you've contacted Pubalee in past, you are automatically registered..

RI Equipment Competition Results

The 2008 RI Equipment Competition received 58 applications this year, totalling over \$1.4M. 20 requests were funded utilizing all of the allocated equipment competition funds (of \$350,000 made available) for this year.

The successful applicants for equipment were:

Pnina Brodt, Cancer - Thermo Forma model 993 -86°C, Ultra low temp dbl door freezer 2) Thermolyne locator 8 Cryobiological Storage System

Andrew Cybulsky, Endocrinology - Table-top Centrifuge and Autoclave

John DiBattista, Musculoskeletal Disorders - Thermo Shandon Cytospin 4 Cytocentrifuge 2) Beckman Coulter Counter Z2 Analyzer

Yukori Goto, Mental Illness & Addiction - Glassware sterilization Equipment

Bertrand Jean-Claude, Cancer - Over pressured layer chromatography OPLC50

Wassim Kassouf, Cancer - OTF 5000 Cryostat-Standard- from Rose Scientific Ltd

Stephane Laporte, Endocrinology, Diabetes, Nutrition and Kidney Diseases - Zeiss motorized scanning DC stage

Thierry Muanza, Cancer - Thermo Formatec Forma, Incubator 3110 (two compartment)

Simon Rousseau, Respiratory Health - Bio-Tek Multi-Detection synergy 4 microplate reader

David Stellwagen, Neurosciences - Forma Dual Chamber Cell Culture Incubator

Brian Ward, Infection and Immunity - One Double Incubator: VWR

Symphony 5.3 Dual Stack (CA 89050-2332)

Armand Zini, Human Reproduction and Development - Microplate reader addition, Wheel and filters

Christian O'Flaherty, Human Reproduction and Development - Lab companion shaking incubator SI-600 (83L)

Anie Philip, Musculoskeletal Disorders - NBS Scientific Innova 42R Refrigerated Incubator Shaker

Amee Ryan, Human Reproduction and Development - Upgrade for AxioPhot fluorescent microscope

Mary Stevenson, Infection and Immunity - MP FastPrep24 Tissue Homogenizer

Bernard Turcotte, Endocrinology, Diabetes, Nutrition and Kidney Diseases - Device for maintaining low ozone levels for microarray analysis

Successful computer applicants:

Michael Sebag, Cancer - Dell Desktop Computer and Laser Printer

Eric Fombonne, Mental Illness and Addiction, Desktop Computer

Don van Meyel, Neurosciences - Image analysis workstation and software upgrade

Foundation Dinner

If you haven't done so already, don't forget to RSVP your invitations to the Foundation dinner being held on Thursday October 23rd. Email your confirmation directly to

FoundationdinnerRSVP@muhc.mcgill.ca as soon as possible.

CIHR Review

The Research Institute's recent participation in the CIHR Pilot Project for the Operating Grant Competition was a huge success! Submitted applications to CIHR were virtually flawless.

A big THANK YOU to all of you, including investigators and support staff who diligently followed the new guidelines and procedures. A special note of appreciation goes out to our reviewers, **Jenny Koulis** and **Maryse Bibeau** from Research Administration who worked tirelessly to ensure the process went as smoothly as humanly possible. Congratulations to all.

RI Website

Over 300 investigator profiles were uploaded to the RI's website (www.muhc.ca/research) back in 2005 when the site first went live. We're about to go live again, but this time with a new look and some added features.

All summer, researchers whose profiles are already up were contacted and asked to review their profiles (with particular attention to publications) and revise. Many of you complied, but we are still missing too many..

For those of you who haven't updated, please do now. Email recent publications and any other relevant changes directly to me at

caroline.donelle@mail.mcgill.ca

If you don't have a research profile up and would like to put one, email your profile content to me (in layman terms as much as possible) for proofing, editing if necessary, translation and finally, uploading.

Average daily hits to the site are in the 15,000 range so get your research noticed online today.

Who to Call in the Research Institute

Research Administration supports researchers in a complex environment within the MUHC. Here, for general information purposes, is a listing of who to contact within the RI administrative offices. When in doubt, start at Reception. A detailed listing will be uploaded to the website soon.

At 2155 Guy St, 5th Floor

Reception - General Information

Christy-Anne Bernard ext 48354

Director's Office

Vassilios Papadopoulos, Director

Jenny Koulis, EA, ext 44580

jenny.koulis@mail.mcgill.ca

Maryse Bibeau, AA, ext 71413

General Manager's Office

Francois Schubert, General Mgr

Micheline Roberge, AA, ext 71429

Associate Directors

Brian Ward, (Fundamental) ext 42810

Miguel Burnier (Clinical) ext 71437

Jacquetta Trasler (Peds Res) ext 23292

Research Communications/Web

Caroline Donelle, Mgr, ext 42414

caroline.donelle@mail.mcgill.ca

Montreal Children's Research Institute

Danuta Rylski, ext 24300

Alison Burch, ext 24300

Montreal Chest Institute

Patrice Vaillancourt, ext 32380

patrice.vaillancourt@mcgill.ca

Wendy Wanner, AA, ext 32380

wendy.wanner@mail.mcgill.ca

Clinical Research

Laura Galiana, ext 43048

Clinical Research Contracts

Sasha Lee ext 42334

Human Resources

Sonia Rea, ext. 43824

Miriam Torres, ext 71436

Eva Nadanyi, ext 42785

Technical Support

Jean-Marie Chavannes, ext 44551

Tajinder Bolley AA, ext 42903

Infrastructure & Equipment

Planning & Projects

Rino Clarizio, ext 23789

Luc Viens (MGH & RVH) ext 44592

Eric Simard, (MCH) ext 22060

Infrastructure & Equipment

Walid Al Challe Mgr, ext 71541

Environmental Health & Safety Officer

Pubalee Bera, ext 35780

Animal Resource Services

Lina Petteruti, ext 36203

Bruna Morocutti, ext 44659

Georgia Kalavritinos (MCH) ext 23912

Caroline Lebrun (MGH), ext 44625

Marie-Eve Robitaille (MGH) ext 44531

Sabina Santamaria (MGH) ext 44542

Grants Management

Sylvie Domingue, ext 44577

Ingrid de Lafontaine ext 43717

Andre Simard, ext 44576

Account Monitors

from S. Abish to L. Ciofani

Linda Whitehall ext 44544

from A. Clarke to C. Duffy

Ruben Ayon ext 44389

from R. Dunn to P. Jarzem

Anne Piggott ext 71542

from J-C Bertrand to M. Ndao

Nancy Costa ext 44661

from J-C Bertrand to M. Ndao

Josie Caltagirone ext 44786

from M. Ramsay to D. Thomson

Filomena Buono ext 44582

from P. Tonin to M. Ware

Agapi Agapitos ext 44639

from M. Warner to M. Zoccolillo (and all DSP's)

Nicole Labrie ext 44523

Finance

Cinzia Raponi, ext 44515

Tony Palermo, ext 44574

Purchasing

Vendors from M to Z

Wayne Price, ext 44646

Vendors from A to L

Lucie Brown, ext 44664

Accounts Payable

Luisa Pitruzzello ext 44574

Karen Martin ext 44538

Monique Raymond, ext 44573

Jolanta Miedzianowska-Krawiec ext 44583

Irene Triconi, ext 44578

Email addresses are
firstname.lastname@muhc.mcgill.ca
except where indicated.