DEPARTMENT OF MEDICINE

ANNUAL REPORT

2008 -2009

Submitted by
Dr. Ernesto L. Schiffrin
Physician-in-Chief
DEPARTMENT OF MEDICINE - JEWISH GENERAL HOSPITAL

2008-2009

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   1. Division of Allergy and Clinical Immunology
   2. Division of Cardiology
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   4. Division of Endocrinology
   5. Division of Gastroenterology
   6. Division of Genetics
   7. Division of Geriatric Medicine
   8. Division of Hematology-Oncology
   9. Division of Infectious Diseases
  10. Division of Internal Medicine
  11. Division of Medical Biochemistry
  12. Division of Nephrology
  13. Pulmonary Division
  14. Division of Rheumatology
1. ACADEMIC HIGHLIGHTS / OBJECTIVE AND PRIORITIES

1.1 ACADEMIC HIGHLIGHTS

I. Introduction

The Department continues to provide excellent clinical care and teaching as well as carry out substantial translational, clinical and epidemiological research which attracts new recruits to the JGH. Although recruitment is limited by government restrictions of effectifs médicaux, we have managed to add 5 full-time members during the year 2008-2009 and four associate members. Three full-time members will start in July 2009. Potential and confirmed GFT-H recruits as well as changes in staffing are listed below.

Our research activities have been supported by both external funding agencies and by our own Clinical Research Awards, to which will be added this year the contribution of the Auxiliary of the hospital donated at the time of the Gala of the Department of Medicine. The first annual Academic Excellence Award of the Auxiliary is tentatively scheduled to be allocated in the fall of 2009. In addition, a Division of Clinical Epidemiology has been created within the Department of Medicine to promote research by allowing appointments and cross-appointments of scientists working in the field of clinical epidemiology and facilitate the training of clinical scientists.

The Department has had a cordial relationship with Dr. Hartley Stern, the new CEO at the Jewish General Hospital.

The progress and challenges of the Department during this last academic year are summarized below.

Faculty

A. Recruits

The following physicians have been recruited into the Department:

GFT members:

Endocrinology - Dr. Brent Richards (May 2008)
Infectious Diseases - Dr. Matthew Oughton (July 2008)
Internal Medicine - Dr. Beth-Ann Cummings (May 2008)
Cardiology - Dr. Sven Wassmann (September 2008)
Pulmonary - Dr. Pierre Ernst (September 2008)

Associate Members:
Endocrinology - Dr. Lilian Julkier (September 2008)
Pulmonary - Dr. Kim Boutet (June 2008)
B. Changes of Status

The following changes in staffing are noted:

Cardiology:
- Dr. George Honos left in August 2008 to become Chief of Cardiology at the CHUM.
- Dr. Mark Eisenberg is on a sabbatical leave in Israel until July 31, 2009.

Geriatric Medicine:
- Dr. Howard Bergman stepped down as Director of the Division of Geriatric Medicine both at the Jewish General Hospital and McGill University. He has been replaced by Dr. José Morais who has been appointed as the McGill Director and joint Chief of the Division of Geriatric Medicine at the MUHC and JGH. Dr. Morais is responsible for both clinical and academic activities for both sites.
- Dr. Ruby Friedman has been appointed Site Director of Geriatric Medicine.

Internal Medicine:
- Dr. Susan Kahn is on a sabbatical leave until July 31, 2009.
- Dr. Luc Trudeau is on a one-year leave of absence ending December 31, 2009.

C. Promotions

Dr. Susan Kahn was promoted to Full Professor (GFT-U).
Dr. Marie Hudson has secured a tenure track position.

II. Clinical Activities

Our CTU’s continue to be well regarded by housestaff but the latter also note that the workload is very heavy. The ever-increasing demand from our Emergency Room has led the Department to be proactive and is now compiling data in this regard and devising plans to tackle the issue. The Department is in the midst of creating a 3rd CTU that will receive most of the rapid turnover patients and offer the kind of training that medical students and residents require. It will also be
part of our effort to improve our ability to move patients from the Emergency to the wards as rapidly as possible. As well, the Department is engaged in an exercise attempting to improve turnover in its units by initiating discharge planning the day patients are seen for the first time, ensuring rapid access to radiology including CT and MRI, making sure patients receive adequate physiotherapy and mobilization, so they do not lose autonomy while hospitalized. All these measures will contribute to reduce the length of stay and help in reducing Emergency congestion. Despite the heavy clinical workload the Department continues to maintain high standards for teaching and clinical care.

The potential for a pandemic of H1N1A flu has required hard work on the part of many members of the Department who have participated in pandemic preparedness. The Department has responded quickly by preparing the necessary and appropriate plans for deployment of its resources, human and other, in case the pandemic became more severe, or personnel were affected and unable to work.

The activities of the individual Divisions are summarized in the Divisional reports which are attached.

III. Teaching Activities

The Department continues its role in the teaching of both undergraduate medical students and resident physicians in general medicine and the subspecialties. Our members’ dedication to teaching is well known and much appreciated by both medical students and residents.

Within the Department, the following staff and residents received awards:

Dr. Blair Schwartz, an R3 in Internal Medicine, received the Ezra Lozinski Prize this year for demonstrating outstanding qualities of compassion and responsibility for ongoing care.

Dr. Elizabeth Beauchamp and Dr. Sultan Al-Touri received the Dave Feder award. This award is presented to the resident who practices medicine with most compassion and sensitivity, displays kindness, respect and camaraderie towards colleagues and educators and carries a positive outlook enabling him/her to enjoy a meaningful balanced life beyond his/her profession.

Dr. Natalie Dayan was the recipient of the Sheldon Zemelman Memorial Award given to for academic excellence and outstanding contribution to patient care.

Dr. Blair Schwartz received the Dr. Allen Spanier Internal Medicine Award. This award is given to the resident who exhibits an enduring passion for the practice of medicine, through the enjoyment of solving challenges of patient care and sharing solutions with others, while maintaining a high level of professionalism.

Dr. Blair Schwartz was the recipient of the Medical Resident Research Award. This award is given to the medical resident who has achieved excellence with regard to intellectual curiosity, initiative, originality and accomplishment in medical research performed during residency.
Dr. Mark Lipman was voted as Teacher of the Year by the residents.

The past years of fewer residents has been reversed and will continue resulting in an improvement of the working conditions of residents and staff.

In 2008 - 2009 we recruited into our teaching program 16 R3, 12 R2, and 13 R1 housestaff and 11 other program R1 residents. There were two Chief Residents, Dr. Blair Schwartz and Lisa Beauchamp Nguyen (July 2008-June 2009).

Grand Rounds: Of the 35 Grand Rounds given by the Department 18 featured speakers from outside the JGH, of whom 11 were from outside Quebec (see attached list).

Divisional Rounds: In addition to the above each Division manages its own teaching and research rounds as summarized in the attached reports.

IV. Research

The Department has had a Clinical Research Award Program since 2007 in order to support and compensate full-time members of the Department involved in clinical research activities. The awards to the 2008 recipients, Drs. Sarit Assouline, Murray Baron, Morris Schweitzer, were renewed for an additional year in light of their productivity in their fields so were the awards to Drs. André Dascal and Andrew Szilagyi. The 2009 recipients of this award are Drs. Tina Kader, Mark Miller and Lawrence Rudski.

The Department of Medicine has fared well in the CIHR competition with Dr. Marie Hudson and Dr. Brent Richards being awarded CIHR salary awards. Dr. Sven Wassmann was awarded the Canada Research Chair (CRC). Dr. Mark Eisenberg and Dr. Susan Kahn received the FRSQ chercheurs nationaux, Dr. Christina Greenaway and Dr. Vicky. Tagalakis, FRSQ Junior 2 awards.

A detailed survey of research activities of the departmental members as indicated below for the period April 1, 2008 to March 31, 2009 is attached.

$ 1,248,489 Clinical Investigator (including PhD) salary awards
$18,980,605 Competitive Operating Grants (excluding associate members)
$ 3,450,352 Contracts from Industry
$  70,000 Department of Medicine Clinical Research Awards
$23,749,446 TOTAL
$ 1,746,833 Postgraduate Fellows
$  4,648,019 Endowments & other
$30,144,298 GRAND TOTAL

In the calendar year 2008, departmental members produced 262 peer reviewed original publications (excluding abstracts, reports, and other articles).
V. Departmental Activities

The Department continues to reinforce democratic and transparent management in all areas.

VI. MUHC and McGill

Our relationship with the MUHC has been characterized by collaboration and collegiality. Our commitment to excellence in teaching at both the undergraduate and postgraduate level continues to be valued by McGill University. There has been an increase in the number of medical students as well the funding from McGill University for undergraduate education for which the Department is grateful to Dr. David Eidelman.

Within the hospital progress has been made. Space has been allocated to the Divisions of Gastroenterology and Endocrinology but there continue to be strains regarding the Department’s resources. It is hoped that we can proceed into the future with improved staff and space resource allocation to maintain our academic mission.

The Department gratefully recognizes the support of the Hospital Administration in its recruitment efforts.

1.2 OBJECTIVES AND PRIORITIES

Within the province, the Department of Medicine will play a key role with Dr. Ernesto L. Schiffrin’s term as President of the Société québécoise d’hypertension artérielle as of January 16, 2009 and his most recent appointment as President of “la Table régionale des chefs de médecine spécialisée de l’Île de Montréal” for a period of 3 years starting May 2009.

The recruitment of Dr. P. Ernst has widened the scope of interest in matters non-oncologic within the JGH Pulmonary Division. In particular, the Airway Centre that offers a program in obstructive lung disease, including dedicated nurse practitioners, has been launched.

The Department is actively pursuing to recruit an international leader in aging. The chosen candidate will be offered the Kaufman Chair which was held by Dr. Howard Bergman.

We remain dedicated to ensure that the department continues to provide the excellent care to the patients of the hospital for which it is renowned, while at the same time maintaining its goals of excellence in teaching. The recruitment of highly qualified and competitive physician scientists has reinforced the research capacity of the department and has had a transformative effect on the ability of the hospital to serve as a translational science center. It has been challenging to provide conditions that are competitive with the best North American centers due to constraints in funding for personal support, operating monies and up-to-date equipment, as well as difficulties in ensuring adequate space allocation and support services. Despite these difficulties and constraints, we have been successful as can be seen above in already recruiting a considerable
group of young physician-educators and physician-scientists in the areas of internal medicine, cardiology, endocrinology, hematology, pulmonary medicine, rheumatology and nephrology, all of who have a good chance of success in scientific competition for the scarce resources currently available locally, provincially and nationally. We have put in place a program that will also help support the research by GFTH physicians. Our fund raising events such as the Gala of last year will be repeated in 2010, and we are already planning for this to help provide the Department the means to accomplish the goals of excellence in care, teaching and research that we strive for. We believe that we can, despite current bureaucratic and funding constraints, achieve our objective of providing top care, teaching and a highly competitive clinical and translational research environment within the JGH Department of Medicine.

Respectfully submitted,

Ernesto L. Schiffrin, MD, PhD, FRSC, FRCPC
Physician-in-Chief
### 2. GRAND MEDICAL ROUNDS & INVITED SPEAKERS

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
<th>Speaker/Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 15</td>
<td>DPP4-inhibitors: a New Approach to Treat Type 2 Diabetes</td>
<td>Rémi Rahasa-Lhoret, MD PhD, CHUM</td>
</tr>
<tr>
<td>September 22</td>
<td>Progress in the Medical Treatment of Colon Cancer</td>
<td>Pr Aimery de Gramont, Paris, France</td>
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<td>September 29</td>
<td>A Sneak Preview to the 2009 Heart Failure Guidelines Update - Lessons from Recent Studies</td>
<td>Jonathan G. Howlett, MD, University of Calgary</td>
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<tr>
<td>October 6</td>
<td>McGill/Merck-Schering Lipid Lectureship: Rerouting Receptors to Prevent Heart Disease</td>
<td>Jonathan Cohen, PhD, University of Texas, Dallas, Texas</td>
</tr>
<tr>
<td>October 20</td>
<td>Quality Program Week: What I Have Learned about Medical Errors and Disclosure</td>
<td>Alan Forster, MD, University of Ottawa</td>
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<tr>
<td>October 27</td>
<td>Adult Stem and Progenitor Cells in Cardiovascular Disease: Hope or Hype?</td>
<td>Sven Wassmann, MD</td>
</tr>
<tr>
<td>November 3</td>
<td>JGH Pain Management Week: Endogenous Pain Modulation Mechanisms in the Development and Persistency of Chronic Pain</td>
<td>Serge Marchand, PhD, University of Sherbrooke</td>
</tr>
<tr>
<td>November 10</td>
<td>Seventh Annual McGill-JGH-GlaxoSmithkline Lecture in Metabolism: Genome-wide Association Studies B a Simple Approach to Complex Diseases</td>
<td>Robert Sladek, MD, McGill University and Genome Quebec Innovation Centre</td>
</tr>
<tr>
<td>November 17</td>
<td>Travel and Tropical Medicine: &quot;Where Were You, Peru?&quot;</td>
<td>Kendall Billick, MD, MUHC</td>
</tr>
<tr>
<td>November 24</td>
<td>Systemic Iron Regulation and its Disorders: from Anemia of Chronic Disease to Hereditary Hemochromatosis</td>
<td>Tomas Ganz, PhD, MD, University of California, Los Angeles (UCLA)</td>
</tr>
<tr>
<td>December 1</td>
<td>21st Annual Nachum &amp; Bertha Mizne Memorial Lecture Hepatocellular Carcinoma Surveillance, Early Diagnosis and the Modern Approach to Therapy</td>
<td>Morris Sherman, MD, PhD, University of Toronto</td>
</tr>
<tr>
<td>December 8</td>
<td>What Does an Internist Need to Know about Multiple Sclerosis?</td>
<td>Fraser Moore, MD</td>
</tr>
<tr>
<td>December 15</td>
<td>High Frequency Oscillation in Respiratory Failure: Beneficial Modality or a lot of Hot Air</td>
<td>Paul Warshawsy, MD</td>
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<tr>
<td>January 12</td>
<td>Anticoagulants - New Developments and Drugs</td>
<td>Mark Blostein, MD</td>
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<tr>
<td>January 19</td>
<td>Cardiovascular and GI Safety of Celecoxib versus Non-selective NSAIDS: the Epidemiologist Perspective</td>
<td>Elham Rahme, PhD, Researcher, MUHC</td>
</tr>
<tr>
<td>January 26</td>
<td>Building Vaccines Backwards: Comparative Genomics, Reverse Vaccinology, and C. Difficile</td>
<td>Matthew Oughton, MD</td>
</tr>
<tr>
<td>February 2</td>
<td>Barriers to Learning</td>
<td>Regina Hsua, MD</td>
</tr>
<tr>
<td>February 9</td>
<td>Thirteenth Annual Humanization of Care Awareness Program: Heal Thyself: a Media Doctor’s Look at Burnout among Health Professionals</td>
<td>H. Brian Goldman, MD, University of Toronto</td>
</tr>
<tr>
<td>February 16</td>
<td>Inherited Thrombophilia and Oral Contraceptives: What Is the Risk of Venous Thromboembolism? Perioperative Management of Patients with Drug-eluting Stents</td>
<td>Natalie Dayan, MD, &amp; Ali Abu Alsaud, MD, Internal Medicine Residents</td>
</tr>
<tr>
<td>February 23</td>
<td>Vitamins and Cancer Chemotherapy: the Good, the Bad, and the Ugly</td>
<td>L. John Hoffer, MD, PhD</td>
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<tr>
<td>March 2</td>
<td>All My Patients Are in Rehab: My Bad?</td>
<td>James A. Stone, MD, PhD, Univ. of Calgary</td>
</tr>
<tr>
<td>March 9</td>
<td>Clean Hands Save Lives!</td>
<td>Ms. Angie Speropoulos, RRT, Melanie Sheridan, N, MSc, &amp; Denny Laporta, MD</td>
</tr>
<tr>
<td>March 16</td>
<td>A Subarctic Expedition from Bench to Bedside</td>
<td>L. John Hoffer, MD, MD, PhD, Barbara Young, MD, Nunavik Centre MUHC, Adrian Gologan, MD, William D. Foulkes, MD, PhD</td>
</tr>
<tr>
<td>March 23</td>
<td>Water Handling in the Kidney: Insights from Blocking the Vasopressin Receptor with Vaptans</td>
<td>Daniel G. Bichet, MD, CHUM</td>
</tr>
<tr>
<td>March 30</td>
<td>Cardiopulmonary Resuscitation: Past, Present and the JGH Experience</td>
<td>Blair Schwartz, MD, Internal Medicine Resident</td>
</tr>
<tr>
<td>April 6</td>
<td>Delivering Diabetes Care: Individualized Strategies for a Complex Disease</td>
<td>Lawrence A. Leiter, MD, Univ. of Toronto</td>
</tr>
<tr>
<td>April 20</td>
<td>Chronic Disease and Aging: a Novel Approach to Assessing Older Persons Undergoing Complex Medical and Surgical Interventions</td>
<td>Martine Puts, PhD, McGill/UVUM, Jonathan Affalo, MD MSc, Fellow, McGill University, Simon Bergman, MD, Howard Bergman, MD &amp; Hartley Stern, MD, Andrew Hirsch, MD &amp; Jean-François Morin, MD</td>
</tr>
<tr>
<td>April 27</td>
<td>Chronic Thromboembolic Pulmonary Hypertension: Diagnosis and Treatment: the JGH Experience</td>
<td>Andrew Hirsch, MD, Lesley Alpert, MD, PhD, Howard Bergman, MD, Hartley Stern, MD, Jean-François Morin, MD</td>
</tr>
<tr>
<td>May 4</td>
<td>Phenotype-genotype Correlations in Solid Tumours: Introduction: &quot;The pathologist in the molecular oncology era&quot;, &quot;Phenotype-genotype correlations in breast tumours&quot;, &quot;Phenotype-genotype correlations in colo-rectal tumours&quot;</td>
<td>Alan Spatz, MD, Lesley Alpert, MD, PhD, Adrian Gologan, MD</td>
</tr>
<tr>
<td>May 11</td>
<td>Oxidative Stress and Cardiovascular Disease</td>
<td>Bradford C. Berk, MD, PhD, Univ. of Rochester, New York</td>
</tr>
<tr>
<td>May 25</td>
<td>Ethics Rounds: Strategies for Managing Conflicts about Decision-making Regarding Critical Interventions</td>
<td>Carolyn Ellis, PhD</td>
</tr>
<tr>
<td>June 1</td>
<td>Personal Relevance of Population Statistics: Lessons from Osteoporosis Literature</td>
<td>Laeora Berkson, MD</td>
</tr>
<tr>
<td>June 8</td>
<td>Hepatitis B and the Infected Healthcare Worker: Public Safety at What Cost?</td>
<td>Phillip Wong, MD, MUHC, Nicholas King, PhD, Case Western Reserve University &amp; M. Miller, MD</td>
</tr>
<tr>
<td>June 15</td>
<td>Lab Errors; Do they Matter?</td>
<td>Elizabeth MacNamara, MD</td>
</tr>
<tr>
<td>June 22</td>
<td>Issues in the Management of Micro-Metastatic Disease in Colorectal Cancer</td>
<td>Jean-Yves Douillard, MD, PhD, University of Nantes, France</td>
</tr>
</tbody>
</table>

3. UNDERGRADUATE AND POSTGRADUATE TEACHING REPORTS
A. REPORT OF UNDERGRADUATE TEACHING - JUNE 2009

The Professional Skills (physical diagnosis) and Introduction to Internal Medicine courses have gone well. There were 31 Professional Skills, 49 Introduction to Internal Medicine students and 49 Practice of Medicine clerks.

Shadowing is now being done by IIM students. A mechanism has been set up to have first year medical students shadow 3rd and 4th year students during their time on the Internal Medicine wards.

Attending physicians must give each student feedback at the end of each month on the ward and co-sign the clerkship evaluations forms with the student. The new policy is that each clinical evaluation should reflect a consensus between the 2 attendings with input from the senior residents.

Each division, especially the ones that give sessions to IIM students, such as Problem Based Instruction and Technology in Medicine, have to submit a short answer question.

The new system of assigning any teaching hours not volunteered for equally between the departments who have not fulfilled their quota is "working" but needs fine tuning. The undergraduate coordinator, Malka Smilovits, will try and act as an intermediary in helping you switch slots but it is the responsibility of the Division Chief to find a replacement if someone from their department can not fulfill the assigned slot.

The Undergraduate office is experiencing a lot of problems getting patients for POM and IIM examinations. A proposal to bring in volunteer patients for examinations is being developed and will be presented to the departmental Policy Committee in the coming year.

Respectfully submitted,

Elizabeth MacNamara, MD
Director of Undergraduate Education
B. POSTGRADUATE TEACHING REPORT - JUNE 2009

Resident Numbers

There will be 13 incoming R1’s this year, as projected, resulting in a total of 38 residents over the three years. There are currently 2 residents on maternity leave.

Our chief medical residents for the 2009-2010 academic year will be Thierry Toledano and Anita Au. The Department is grateful to the outgoing chiefs Blair Schwartz and Lisa Beauchamp for their hard work and dedication to improving all aspects of the program.

Lounge

The residents lounge has now found its permanent home on 6West. The residents are very pleased with the location and size. Some renovations may be underway in this upcoming year.

Family Medicine

As had been discussed previously, the Family Medicine Program is undergoing some major restructuring which will have definite impacts on our CTUs and on the Internal Medicine Training Program.

It has been confirmed that as of the 2009 cohort of Family Residents, CCU will now become an elective, rather than a mandatory rotation.

Dr Regina Husa, as CCU Director has had very fruitful discussions with Dr Meredith Deustch-Levy, the Family Medicine Program Director (outgoing). As a result, they have created a very appealing cardiology selective for the FM residents that will enable them to get involved in the consult service, while still contributing to the call schedule for CCU as well as daytime coverage for CCU.

Despite these endeavours, there will still be some call holes that will be challenging to fill while respecting the residents’ contract and we may need to look at some creative call coverage and/or increased use of our pool of fellows. This latter option may result in an increase in the budget to pay for parachute calls, but this will be assessed as the year progresses.

ER Consults Rotation

The ER Consults rotation for the Internal Medicine Residents has undergone some significant restructuring for the upcoming year. There will be now a full team in ER with a hierarchical distribution of residents every day and better overall coverage. The main goals of this were to reduce the extreme burden of occasionally having a single R1 reassessing 20-30 patients under medicine in the ER. Additionally this would allow for more teaching and increased supervision, resulting in a better pedagogical experience as well as likely improved patient care. More residents would be exposed to, and care for, more unisystem, short stay patients that are either currently admitted to 2Main under the ER service, or spend their entire “short stay” in the ER for
lack of beds elsewhere.

The longer term goal would be to get the services appropriate for this new system, which is functionally a new CTU operating in the ER. These services would be a dedicated clinical resource nurse, a dedicated social worker, and a dedicated physiotherapist. This would be in addition to maintaining the same priority for radiology as the ER patients receives.

The Department’s role in this unit’s functioning would be to refer their shorter stay patients to the medicine service and not bypass them by heading directly to the 2M service. The consults given to Medicine by the ER will continue to be carefully monitored and screened to ensure that they are appropriate and not simply being “dumped” on the Medicine team just because it is a bit larger.

Awards

The Department congratulates Dr. Blair Schwartz for the Ezra Lozinski Prize (McGill Medicine), Al Spanier and Resident Research Awards, Dr. Natalie Dayan for the Sheldon Zemelman Award, Dr. Lisa Beauchamp and Dr. Sultan Al-Touri for the Dave Feder Award and Dr. Mark Lipman for the Teacher of the Year Award.

End of the Year Party

This end of the Year Party was held on June 4th at Le Living Room. The staff is most grateful to residents who work so hard all year and wishes well to those moving on in their training.

Respectfully submitted,

Michelle Elizov, MD
Director, Postgraduate Medical Education
### GENERAL INTERNAL MEDICINE HOUSESTAFF LIST 2008-2009

**Chief Residents**
- **Schwartz, Blair**  
  (July 1 to December 13, 2008)
- **Beauchamp, Lisa**  
  (December 14, 2008 to June 30, 2009)

**RI**
- Al Harbi, Waleed
- Al Rajhi, Amjad
- Antar, Ramy
- Dsouza, Pernilla
- Eid, Marie-Diba
- Le, Philippe
- Liberman, Dan
- Nickas, Savoula
- Palumbo, Michael
- Rasti, Mandana
- Sant, Nadia
- Srour, Line
- Wasserman, David

**RII**
- Assayag, Deborah
- Au, Anita
- Bielinski, Michael
- Friedmann, Jennifer
- Kermack, Andrea
- Leong, Aaron
- Levinoff, Elisa
- Murad, Anwar
- Okrainec, Karen
- Varga, Cindy
- Wong Wong Keet, Annick
- Shiu, Hoi Ying

**RIII**
- Abualsaud, Ali
- Al-Touri, Sultan
- Al-Zeedy, Khalfan
- Beauchamp, Elisabeth
- Davison, Kelly
- Dayan, Natalie
- Jacques, Cindi (Period 1-7 Only)
- Lin, Charles (Period 1-7 Only)

**RIII (Cont’d)**
- Luk, Cynthia

**RI**
- Malakzadeh, Pardis (Period 1&2 Only)
- Saad, Nathalie
- Schwartz, Blair
- Tisseverasinghe, Annaliese
- Toledano, Thierry
- Yu, Oriana Hoi Yun
- Zhai, Alexander

**Other Programs:**
- Ah-Kye, Sonia (Anaesthesia, Per. 1-2-9-10-11)
- Al Qassabi, Badriya (Dx Radiology, Per. 7-10)
- Alhumaid, Sulaiman (Ophthalm., Per. 1-10)
- Babaei, Sepideh (Dx Radiology, Per. 8-11)
- Chaudhry, Asad (Dx Radiology, Per. 2-6)
- Hasil Al Muslahi, Buthaina (Derm., Per. 1-13)
- Laskine-Holland, Marie-Laure (Anaesth. Per. 8-11)
- Mullan, Erin (Dermatology, Per. 1-13)
- Trakadis, Yannis (Medical Genetics, Per. 1-5)
- Xia, Chenjie (Neurology, Per. 1-13)
- Yazer, Murray (Anaesthesia, Per. 7-11)
4. EXTERNAL RESEARCH GRANTS & AWARDS

A. Career Awards  July 2008 - June 2009 (Clinician-Scientists)

<table>
<thead>
<tr>
<th>Name</th>
<th>Agency</th>
<th>Expiry Date</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLOSTEIN, Dr. M.</td>
<td>FRSQ</td>
<td>June 30, 2009</td>
<td>38 227</td>
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<tr>
<td>EISENBERG, Dr. M.</td>
<td>FRSQ</td>
<td>June 30, 2011</td>
<td>30 000</td>
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<td>GALIPEAU, Dr. J.</td>
<td>CIHR</td>
<td>June 30, 2010</td>
<td>64 734</td>
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<td>GREENAWAY, Dr. C.</td>
<td>FRSQ</td>
<td>June 30, 2009</td>
<td>39 913</td>
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<td>HUDSON, Dr. M.</td>
<td>CIHR</td>
<td>June 30, 2012</td>
<td>60 000</td>
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<td>KAHN, Dr. S.</td>
<td>FRSQ</td>
<td>June 30, 2009</td>
<td>20 186</td>
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<td>KARAPLIS, Dr. A.</td>
<td>CIHR</td>
<td>June 30, 2009</td>
<td>89 178</td>
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<td>PEPE, Dr. C.</td>
<td>CIHR</td>
<td>March 31, 2009</td>
<td>35 833</td>
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<td>RICHARDS, B.</td>
<td>CIHR</td>
<td>June 30, 2013</td>
<td>46 667</td>
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<tr>
<td>SCHIFFRIN, Dr. E.</td>
<td>Canada Research Chair</td>
<td>December 31, 2012</td>
<td>125 000</td>
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<tr>
<td>TAGALAKIS, Dr. V.</td>
<td>FRSQ</td>
<td>June 30, 2012</td>
<td>32 635</td>
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<tr>
<td>WASSMANN, Dr. S.</td>
<td>Canada Research Chair</td>
<td>December 2013</td>
<td>17 500</td>
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<td><strong>TOTAL:</strong></td>
<td></td>
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B. Grants & Bursaries 2008-2009

See attached Excel File

5. NEW HONORS, AWARDS AND APPOINTMENTS
(SEE APPENDIX A)
6. PUBLICATIONS (January – December 2008)

Agulnik, Jason


Alaoui-Jamali, Moulay


Assouline, Sarit


Autexier, Chantal


Baron, Murray


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Chalifour, Lorraine E.


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Cohen, Albert


Cohen, S Robin


Dascal, Andre


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Joyal, Dominique


Kahn, Susan


Karaplis, Andrew


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**Lipman, Mark**


**Lin, Rongtuan**


**Miller, Mark**

--**Miller M**. Comment on: Hickson M et al. Use of probiotic Lactobacillus preparation to prevent diarrhoea associated with antibiotics. Evidence-Based Medicine, 13:46, 2008

**Miller, Wilson H.**


--Colombo M, Mann KK, **Miller WH Jr**. Arsenic trioxide decreases AKT protein in a caspase-dependent manner, Molecular Cancer Therapeutics, 7:1680-1687, 2008


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Monette, Johanne


Oughton, Matthew


Panasci, Lawrence


Pantopoulos, Kostas


Pepe, Carmela


Pollak, Michael


--Stolzenberg-Solomon RZ, Weinstein S, Pollak M, Tao Y, Taylor PR, Virtamo J, Albanes D.


**Ponka, Prem**


Richard, Stephane


Richards, J. Brent


Rosenblatt, David S.


Therrien, Judith


Schiffrin, Ernesto


--Schiffrin EL. The flame that lights the fire: oxidative stress, inflammation, and renal damage in angiotensin II-induced hypertension. Hypertension, 52(2):205-6, 2008


Schipper, Hyman M


Small, David


Szilagyi Andrew


Tagalakis, Vicky

Tischkowitz, Marc


Wolkove, Norman


Zaharatos, Gerasimos


7. APPENDIX A. DIVISIONAL REPORTS