ANNUAL REPORT
2007 - 2008

DIVISION OF GERIATRIC MEDICINE
www.med.mcgill.ca/geriatrics

DEPARTMENT OF MEDICINE

McGILL UNIVERSITY

Howard Bergman, MD

June 2008
INTRODUCTION

The McGill University Division of Geriatric Medicine of the Department of Medicine is comprised of faculty from the Divisions of Geriatric Medicine of the Jewish General Hospital (JGH), the McGill University Health Centre (MUHC), and St. Mary's Hospital. Faculty from the Department of Family Medicine play a key role in the Division. There are links with the Division of Geriatric Psychiatry of the Department of Psychiatry. Faculty from epidemiology, molecular and cell biology and neurology with an active and significant interest in aging research and who have been involved in research with division members are integrated in the division. Investigators from other departments continue to show interest and have requested joining the Division. There is ongoing and close collaboration for clinical work, teaching and research with nursing, physiotherapy, occupational therapy and social work. There is significant collaboration with our colleagues from the Université de Montréal as well as other Quebec and Canadian Universities in areas of research and program development. International collaboration has also considerably developed.

The Division Executive now includes Drs. Robert Bailey, Director, Division of Geriatric Medicine, St. Mary’s Hospital, Howard Chertkow, Director, The Bloomfield Centre for Research in Aging, Ruby Friedman, Associate Director, Division of Geriatric Medicine, Jewish General Hospital, Susan Gold, Education Co-ordinator, McGill Division of Geriatric Medicine, Allen Huang, Director, MUHC, Division of Geriatric Medicine, Gary Inglis, Site Director, Geriatric Medicine, Montreal General Hospital/MUHC, José Morais, Program Director, Geriatric Medicine Training Program and Christina Wolfson, Director, Division of Clinical Epidemiology, MUHC, reflecting our research, teaching and clinical objectives. The Executive has met regularly in the past year and various committees (Education committee; Residency program training committee; undergraduate teaching committee; McGill geriatric RUIS committee; MIGS committee; Research Day committee; CME committee; Geriatric medicine Grand round committee) function in a regular and active manner. (See Appendix I for Committee Work)

1. RESEARCH AND PUBLICATIONS

1.1 Research activity

Please see Appendix II for the list of research projects, Appendix III for publications, book chapters and abstracts, Appendix IV for lectures, Appendix V for honors and awards, Appendix VI for graduate students and Appendix VII for Consultations. Research in neurobiology and dementia, informatics, health services, frailty, pharmacoepidemiology, nutrition, bone, rehabilitation, emergency medicine, long term care, pain and education continue to represent the existing strengths of the Division with programs that cross hospital, department and university lines and in some cases integrate bench to bedside to population. Oncology and older persons, as well as end of life care are emerging interests. There is increasing collaboration with colleagues from Quebec, Canada and internationally. Members of the Division lead major research programs with funding from the Canadian Institutes on Health Research (CIHR), the FRSQ and the Canadian Foundation for Innovation (CFI). These major research teams bring together investigators from Quebec, Canada and internationally.
Howard Bergman with François Béland and Christina Wolfson lead a major international initiative to further our understanding of frailty as a research and clinical concept of vulnerability. François Béland and Howard Bergman lead Solidage, the joint McGill/Université de Montréal research group on frailty and aging which received funding last year along with colleagues from Université Laval and Université de Sherbrooke as a CIHR research team with a 3.7 million dollar 5-year CIHR team grant from 2007-2012. This research group has multiple activities that include other McGill investigators, including José Morais and Stéphanie Chevalier. The multiple research activities include a new population longitudinal study on frailty (in fact, the first longitudinal study on frailty, which is not a secondary analysis) called FRELE; the International Database Inquiry on Frailty (FrData) bringing together investigators of 15 longitudinal studies from Canada, United States, Latin America, Europe and Israel, examining how frailty components cluster together, in particular to adverse outcomes; the study of Health and Functional Characteristics and Utilization and Costs; the McGill Long Term Care Research Network led by Dr. Johanne Monette and supported by Maimonides. This group also organizes knowledge translation activities both from a research point of view under the leadership of Liette Lapointe from the Faculty of Management as well as knowledge transfer activities with a major international policy meeting on chronic disease and aging to be held in Montreal in November, 2008. Under the umbrella of Solidage, there is also the Canadian Initiative on Frailty and Aging. All these activities have received major research funding not only from CIHR, but as well from the Réseau Québécois de recherche sur le vieillissement (FRSQ), as well as private foundations such as the Max Bell Foundation and the Gustav Levinschi Foundation.

Drs. Johanne Monette and Howard Bergman with Dr. Gerry Batist from Oncology have set up the McGill Geriatric Oncology Interest Group with three components including research training and a clinical program. Dr. Doreen Wan-Chow-Wah, a geriatrician who is completing a fellowship in Oncology will be leading the clinical program. The research program is led by Dr. Johanne Monette with Martina Puts, a post-doc from Amsterdam who has a National Cancer Institute of Canada fellowship funding, as well as Dr. Carmela Pepe, a respirologist with interest in lung cancer in older persons. The teaching program will involve medical and family medicine residents, medical students and fellows including international fellows. Our emerging Oncology and Aging program received praise from the Programme québécois de lutte contre le cancer with likely promotion to a recognized regional program.

The main focus of Dr. Allen Huang’s research endeavours is in the filed of clinical informatics. He has been working with Dr. Robyn Tamblyn for over 15 years investigating how health information systems can improve healthcare delivery and quality. The first and ongoing major initiative is the MOXXI (Medical Office of the XXIst century) projects. This series is now in its fifth iteration and involves the use of an integrated electronic prescribing solution that has been deployed in over 100 physicians in the Montreal and Quebec City regions. The current phase of the MOXXI research engine is targeting chronic disease management: specifically asthma care. An upcoming project is focusing on the reduction of falls through decision support alerts for high-risk medication prescribing. Another major research initiative is the IRIS-Québec-Plus (Infostructure de recherche intégrée en santé – Québec – Plus) project. This $33.2M investment by the Canada foundation for Innovation and Valorisation Recherche Québec has built an integrated health research infrastructure for Quebec. This innovative secure and confidential access to federated clinical and administrative data warehouses will enhance the capacity and accelerate the pace of health research in Quebec. The processes that were developed for managing the linkage and de-identification of data were
unique in the world. His vision would be to leverage the completed IRIS-Québec infrastructure and the evolution of the MUHC Clinical Information System to accelerate clinical and health services research into many more aspects of care of the elderly.

One of his emerging research interests is pre-operative assessment of elderly patients. A pilot project looking at the pre-operative predictors of recovery trajectories in elderly patients undergoing elective cardiac surgeries has been completed. A CIHR operating grant application has been submitted.

Dr. José Morais is a clinician scientist at the McGill Nutrition Centre, MUHC, RVH site. He currently holds an FRSQ chercheur-clinicien senior award and is coordinator of the Nutrition Axis of the Réseau Québécois de Recherche sur le Vieillissement (FRSQ Quebec Research Network in Aging). His areas of interest in research are studies of protein turnover, glucose and energy metabolism with normal and frail aging using stable isotopes, as well as assessing the alteration of protein metabolism in older Type II diabetic patients. He is also testing protein sensitivity to insulin action using a double clamp method he developed. To complement the above, he is also examining the cellular signalling pathways regulating protein synthesis and degradation. He is the PI of two CIHR supported studies, the first assessing protein responses in healthy older women and the other examining the contribution of sarcopenia and nutrition to the development of insulin resistance with aging. He is Co-PI of two other CIHR-supported clinical studies: the programmatic research called the “NUAGE Study”, which aims at assessing factors associated with optimal dietary intake for maintenance of good health with aging and a RCT study assessing effects of a new type of dental prosthesis in improving nutritional status of elderly persons. He is also co-investigator in numerous other studies supported by national and provincial agencies.

The Anna and Louis Goldfarb Jewish General Hospital/McGill Memory Clinic is the tertiary care cognitive clinic of our Division and brings together geriatricians and neurologists as well as clinicians and investigators from both the Jewish General Hospital and the MUHC, as well as from Hôpital Maisonneuve-Rosemont, le Centre hospitalier de l’Université de Montréal (CHUM), l’Institut universitaire gériatrie de Montréal and Concordia University. Dr. Howard Chertkow leads the research programs of the Memory Clinic, which include programs on early diagnosis of dementia and studies on patients with Mild Cognitive Impairment, the basic mechanisms of memory and language impairment in Alzheimer’s disease and the program on therapy: cognitive changes and experimental approaches. A multi-disciplinary team is looking at the natural history of the MCI individuals along with approaches to predict which MCI individuals will progress. This long term collaborative effort has resulted in a new screening tool for MCI, the Montreal Cognitive Assessment (MoCA) developed by Dr. Ziad Nasreddine and Natalie Phillips, and which is now being used worldwide. Other methodologies include neuroimaging with MRI’s, spectroscopy, PET scanning and electrophysiological measures. Trainees from various disciplines including Neurology, Geriatric Medicine and Psychology continue to come through the Memory Clinic. Both Dr. Chertkow and Dr. Bergman are past-Presidents of the C5R (Consortium of Canadian Centres for Clinical Cognitive Research). Dr. Chertkow hosted in 2006 a Canadian Consensus Conference on Dementia, leads the effort in the publication in a series of papers which have appeared in Canadian journals (CMAJ) and international journals (Alzheimer’s and Dementia) during the past 12 months.
Dr. Johanne Monette is a geriatrician, with an MSc in epidemiology. She is the scientific director of the Collaborative Research Network in Long-Term Care (www.solidage.ca/e/CRNLTC.htm). She just recently completed, as principal investigator, a longitudinal cohort study entitled: “Interdisciplinary educational program to optimize the management of behavioral and psychological symptoms of dementia in nursing homes”. She has also collaborated on a series of other studies in long term care on delirium, on the use of cholinesterase inhibitors and on the evaluation of an end-of-life program for advanced dementia. Dr. Monette is a leading member of the McGill Geriatric Oncology Interest Group. She has provided the leadership in 1) a cross-sectional study: Usefulness of frailty markers in the assessment of health and functional status in older cancer patients referred for chemotherapy; 2) a retrospective chart review study on the comparison of the health and functional status between older inpatients with and without cancer admitted to a geriatric/ internal medicine unit; 3) a census of cancer physicians in the province of Quebec; 4) two qualitative studies looking at the clinical experience of oncologists on the one hand and geriatricians on the other hand in the care of older patients. She is the PI in a prospective pilot study on a novel way of assessing health and vulnerability in older newly diagnosed cancer patients. Dr. Monette, in this work, has supervised 2 fellows from France (Dr. Frederique Retornaz and Dr. Veronique Girre), a fellow in the health care for the elderly program (Dr. Dagmar Peters-Mainville), as well as fellow in Geriatric Medicine (Dr. Doreen Wan-Chow-Wah). She is also member of the master degree thesis committee of Dr. Carmela Pepe and involved in the master degree research project of Dr. Jonathan Afilalo. Her work with fellows, residents and medical students and supervising their research training has been, and continues to be invaluable.

Dr. David Lussier is currently chairing the Special Interest Group on Pain in Older Persons from the International Association for the Study of Pain. Among other activities, this group is working on developing an agenda for research on pain in older persons. This year, Dr. Lussier was involved in an international study validating a pain assessment scale for demented patients. He was also part of an International Expert Consensus on the assessment of pain in older patients. He is a co-investigator on the ACCORD (Application Concertée des Connaissances et Ressources en Douleur) program, which received 5-year funding from the CIHR to study knowledge translation on pain, and is the co-principal investigator for a subsection of this program on pain in geriatric patients. Finally, Dr. Lussier is currently doing a Masters in Pharmacology, at the University of Montreal, with the goal of doing studies on pharmacological treatment of pain in older patients.

Care of seniors in the emergency department is the main research interest of Dr. Josée Verdon. As part of a group of researchers, they have developed and tested a tool to detect seniors at risk of functional decline, ISAR. Over the last year, the emphasis has been put on the description of SEISAR, a standardized evaluation and intervention for seniors at risk developed in a previous randomized study. The use of both tools, ISAR and SEISAR in the ED setting has been described. On a different level, surveys of different practice of geriatric care in the ED, including safety of discharge planning are examined through a Quebec survey. Different models of care are examined, including a model of interdisciplinary geriatric team in the ED. Other research interests include a cohort study of functional outcomes of octogenarians up to 5 years post cardiac surgery and a model of care for dementia in smaller community.
1.2 Research Trainees

In addition, our Division continues to be active in contributing towards the research training of a very significant number of McGill medical students, residents (particularly in Medicine) and fellows not only in Geriatric Medicine but also in other specialties. The Division continues to train students from other countries: Martina Puts, Ph.D., from Amsterdam, is in her second year as a post doctoral fellow in the Oncology and Aging Program. She received a fellowship from the National Cancer Institute of Canada (NCIC).

2. EDUCATION

2.1 Joint Education/Training Committee

This Committee brings together all aspects of undergraduate, resident and fellows training.

Undergraduate medical students:
We are now completing the sixth year of the Geriatric Medicine Clerkship for all medical students (third and fourth year). Geriatric Medicine faculty is also involved in teaching two modules in I.T.P. as well as the integrated course in the first year.

Dr. Susan Gold, following Dr. Duque’s move to Australia, now chairs this committee which includes Drs. Catherine Ferrier, Paul Heilpern, and Michael Bonnycastle. The committee leads the clerkship curriculum with innovative web-based methods for teaching and evaluation. Jessica Labranche is the coordinator. Since August 2007, all fourth year medical students do their clerkship over 7 periods resulting in 24 students per period across our 4 sites.

The student evaluations have been very good to excellent and an increasing number of students have expressed interest in geriatric medicine as a career as well as two lectures followed by a web-based interactive case construct and hospital forms for all students prior to beginning the clerkship period. This is a testimony to the hard work and dedication of all the teachers in our Division. The online student evaluation has been revised.

As well as the clerkship, our division is also responsible for an introductory lecture on aging in first year as well as two lectures followed by a web-based interactive case construct and hospital forms for all students prior to beginning the clerkship period.

Medical residents:
The McGill Division of Geriatric Medicine supervises residents from Internal Medicine (including Neurology and other subspecialties with a mandatory PGY-1 year in Internal Medicine), Family Medicine, and Emergency Medicine for a 1-month “selective” (“mandatory elective”) rotation; and residents from Psychiatry for a 1-month elective rotation in Geriatric Medicine. Learning objectives and a detailed "reading package" on CD-ROM containing up-to-date readings on "geriatric syndromes" and care of the older adult in specific care settings (hospital care, peri-operative care, ER, ICU, primary care, homecare, nursing home, and Psychiatric practice) are given to each resident as a reference during the rotation and for future rotations / practice. Clinical exposures include consult service (including in ER), clinics (including Geriatrics subspecialty clinics), acute care ward, and/or home visits. Mandatory academic requirements include presentation at each site’s
monthly Geriatrics journal club to hone critical appraisal skills, attendance at any on-site Geriatrics rounds or teaching sessions, and attendance at monthly McGill Division of Geriatric Medicine grand rounds, including "meet the professor" small group trainee tutorial sessions with the visiting expert before each grand rounds; in addition to mandatory attendance at all resident teaching in the resident’s base training program. Dr. Wendy Chiu coordinates this program.

**Family Medicine Residents**
The Division of Geriatric Medicine teaches all McGill Family Medicine residents at St. Mary’s Hospital and the SMBD Jewish General Hospital. All McGill FM residents do a mandatory 1 month rotation which includes exposure to acute inpatient geriatric units and a variety of consultation activities including home assessments. They work and learn in an interdisciplinary setting throughout the 4 weeks. Recent efforts have included responding to the new Family Medicine postgraduate curriculum to be implemented in the 2008-2009 academic year. Dr. John Kirk is responsible for this program.

**Geriatric Medicine Specialty Training Program**
Dr. José Morais is the Program Director at McGill University. This is a 2-year program, leading to eligibility to undergo the Royal College Examination in Geriatric Medicine for certification. Under supervision with increasing individual professional responsibility, the Resident learns the skills of the practice of Geriatrics through different rotations, including in-patient care and consultation service, ambulatory care, long-term care, rehabilitation and geriatric psychiatry. The trainee also receives organized teaching in the basic and clinical sciences relevant to geriatric medicine and has a minimum of 2 months dedicated to a research project. With funding from the Quebec Research Network on Aging (FRSQ), we will also be able to offer a bursary for a trainee to fulfill requirements for the Royal College Clinical Investigator Program and complete a Masters while completing the specialty Geriatric Medicine training program in 3 years. The Geriatrics specialty training program is part of a provincial network, grouping the four Faculties of Medicine in Quebec, in which Dr. Morais is the facto a member of the executive committee. He is also the chair the sub-committee of research responsible whose mandate is to foster the research aspects of the geriatric fellowship. Under his mandate as Program Director, Dr. Doreen Wan-Chow-Wah has completed her geriatric fellowship and is now doing a one-year fellowship in Oncology before coming on staff. Dr. Melanie Mondou, Chief Medical Resident at the MUHC started the program in July 2007.

**Health care for the Elderly Training Program:**
Drs. Dominique Hotte and Dagmar Peters-Mainville both successfully completed their training-12 months- in June 2007.

The 2007-2008 academic year was marked with the graduation of Dr. Alyssa Scheim in February after 6 months of fellowship training.

Currently there are two trainees slated to start a 12 month fellowship during the upcoming academic year. Dr. Sanda Popescu-Crainic is completing her Family Medicine residency at the Herzl Clinic. Dr. Waleed Alessa will be joining the fellowship program at McGill in the fall; he will be our first trainee accepted through McGill’s agreement with the Saudi Arabian Ministry of Education.

Dr. John Kirk is the Director of this program.
2.2 Post-Graduate Courses

Dr. Gustavo Duque taught courses in biology of aging. Dr. Christina Wolfson gives a course on epidemiology of aging in the Department of Epidemiology and Biostatistics, while Dr. Nancy Mayo gives a course in methodology to graduate physiotherapy and occupational therapy students. Division members have given lectures in courses in other faculties and universities.

2.3 Education Activities with other McGill Schools and Departments

Organized by José Morais, our Division participated in teaching at the Faculty of Medicine, undergraduate program and in the McGill School of PT and OT and the School of Dietetics and Human Nutrition.

2.4 Rounds

a) McGill University Geriatric Medicine Grand Rounds

In October 1994 the Division inaugurated the McGill University Geriatric Medicine Grand Rounds. We have now completed our 14th year (see the full program in Appendix VIII). Seven speakers including two local speakers and four visiting professors were part of this year's program. The visiting professors spent two days at McGill giving the Geriatric Medicine Grand Rounds, a Medical Grand Round in one of the three teaching hospitals, as well as meetings with McGill scientists, graduate students and post-doc and residents interested in a particular field. All the trainees, fellows, residents and medical students interacted with the Grand Round speaker around a case presentation. The rounds are web cast and are placed on the McGill Geriatric Medicine web site. With the help and encouragement of Dr. Michael D. Rosengarten of McGill Continuing Medical Education, Geriatric Medicine now has a section on the Continuing Medical Education website (http://ww2.medicine.mcgill.ca/cme/php/conf.php?search=category&catid=7) where lectures in particular from the Geriatric Medicine Grand Rounds series, as well as other lectures given by members of our Division or others on geriatric topics can be viewed directly as web casting.

b) McGill University Interdisciplinary Rounds (MIGS)

The McGill University Interdisciplinary Seminars (MIGS) has now completed its fifth year of operation in its revised format. The theme in September 2007 was Health Promotion and Illness prevention with over 150 participants from many disciplines and care settings. The present committee is comprised of representatives from various facilities in the McGill teaching network, including hospitals, rehab centers, CLSCs, and long-term care institutions. We are slowly expanding to our RUIS partners and the St. Anne’s Veteran’s Hospital. I want to express my appreciation to the Co-Chair of the Committee: Judy Bianco, head nurse of the Jewish General Hospital’s acute geriatric ward.
c) Hospital Division Rounds

The hospitals’ Division organize rounds as well. The MUHC has weekly joint rounds with local and visiting speakers and the JGH has regular Journal Club. Both Divisions hold regular presentations by residents. St. Mary’s holds rounds and journal clubs as well. The Jewish General Hospital/McGill Memory Clinic holds Research Rounds.

2.5 Canadian Geriatrics Society Annual Scientific Meeting

The 28th Annual Scientific Meeting of the CGS took place at the Hotel Delta Centre-Ville in Montreal from April 10-12, 2008. Dr. José Morais was chair of the organizing committee whose members included Howard Bergman, Shek Fung, Gary Inglis, David Lussier, Paul Lysy, Susan Vaitekunas and Fadi Massoud with Ms. Rebecca Rupp as coordinator. This meeting gathered the highest number of attendees ever, reaching 320 in number. There were 94 abstract submissions with international participation, a number never attained before. (See Appendix IX)

3. CLINICAL ACTIVITIES

The organization of clinical activities is under the responsibility of each of the hospital Divisions of geriatric medicine at the MUHC (Montreal General and RVH sites) (Dr. Allen Huang), Jewish General Hospital (Dr. Ruby Friedman), and St. Mary’s (Dr. Robert Bailey). There has been some sharing of resources in the past and this will likely continue to grow. As well, there have been agreements on the development of tertiary care activities. Finally, recruitment is done as a joint activity of the University and each of the hospital Divisions.

In the McGill hospitals (MUHC, JGH, St. Mary’s) there are a total of over 100 acute geriatric beds and the Divisions assume responsibility for approximately 80 long-term care beds situated within each of their hospitals. All the Divisions run active consultation services in the Emergency Room as well as on the medical, surgical and psychiatric wards. In the last year there were approximately 3500 consultations (not counting follow-up visits) done in the emergency rooms and on the wards. There are outpatient general geriatric clinics in each of the sites, as well as a Geriatric Day Hospital at the MUHC-RVH site. Ultra-specialized clinics include: the JGH/McGill Memory Clinic with the affiliated Geriatric Cognitive Disorders clinic at the MUHC-RVH-MGH, an Incontinence Clinic at the MUHC/MGH, and a Competency Clinic at the MUHC-MGH. As well, Dr. David Lussier has established a Geriatric Pain Clinic, an interdisciplinary program with specialized expertise in pain for older patients, which includes a nurse clinician, a physical therapist and a psychologist. This service works in close collaboration with the McGill Pain Center, with timely referrals for interventional procedures when necessary, as well as with community resources (CLSC, Geriatric Day Hospital). This innovative program is unique, with only a few similar ones worldwide. The Senior Oncology Consultation Service with a clinic based at the JGH is an innovative and growing clinical, teaching and research program.

Each of the sites is actively involved in other community outreach programs with the CLSC home care services and community intermediate care resources. Geriatricians and other members of the multidisciplinary team participate actively in program planning and management for services of the elderly in each of the hospitals as well as with the CSSSs, the Agence and the Ministry.
NATIONAL AND INTERNATIONAL LEADERSHIP

Yves Bacher is past President of the Société québécoise de gériatrie and past President of the Association Internationale Francophone de Gérontologie et de Gériatrie. Howard Bergman is past President of the Canadian Geriatrics Society. Howard Chertkow is past President of the Consortium of Canadian Centres for Clinical Cognitive Research (C5R). Howard Bergman is Chair of the Advisory Board of the CIHR Institute on Aging and Past Chair of the Board of Directors of the National Initiative for Care of the Elderly (NICE). Dr. Bergman is Scientific Director of the FRSQ Quebec Research Network on Aging and José Morais chairs the Nutrition Axis. José Morais was the scientific program Chair of the Canadian Geriatrics Society Annual Scientific meeting which was held in Montreal in April 2008 and which was a great success. Nadine Larente was Chair of the Royal College of Physicians and Surgeons of Canada geriatrics Examining Committee. Nadine Larente chairs the scientific program of the Société Québécoise de gériatrie Annual Meeting to be held in Montreal in 2008.

The work on the international scene continues to develop. Members of the Division continue to be invited as speakers, often in major plenary sessions, in many and varied international scientific meetings and forums. This has led to international collaboration in research endeavors in Europe, United States, Latin America, Asia, and Israel. Members of the Division have been named to boards of international peer-reviewed journals. Members of the Division are actively involved in various American Geriatrics Society International Special Interest Groups.

We continue to attract international research and clinical fellows; Switzerland, Holland, Brazil, Peru, Mexico, Costa Rica and Panama.

4. WEBSITE

Thanks to the work of Shek Fung with the help of Allen Huang and Carol Novoseller, our website (http://www.med.mcgill.ca/geriatrics/) is an active instrument. It is becoming an important point of communication for those interested in finding out about what our Division does or communicating our monthly Calendar of Events and for announcing various rounds, etc., as well as an instrument for the teaching of medical students and residents.

5. CONCLUSION

There is no doubt that the McGill Division of Geriatric Medicine has developed considerably in the area of education as well as research and publications. With the scope or our clinical responsibilities, the depth and variety of the education activities, in particular now with the Clerkship, the importance of the research programs in terms of the amount of peer-reviewed and industry funding, as well as publications, our Division is perhaps the most complete in the country and makes important contributions to the field of Geriatric Medicine and Aging. It is a testimony to the work of the members of our faculty. It is also a testimony to the work of the multidisciplinary members of our team from other professions, including nursing, physiotherapy, occupational therapy, social work and pharmacy, which make major contributions in our clinical teaching and research programs.
Serious challenges in the upcoming year

Our Division of Geriatric Medicine at McGill is facing important and serious challenges shared by many other University Divisions of Geriatric Medicine across Canada. These challenges are a result of, on the one hand, the tremendous number of acute geriatric beds in the main teaching hospitals. There is no Division that I know of across Canada, United States or in Europe that has that many acute beds. At the same time, we are under increasing pressure to increase the number of consultations in the ER and on the Wards, as well as to develop our activities within the community and throughout the RUIS. At the same time, our teaching load is very heavy, in particular with the Geriatric Clerkship, which was distributed over 13 periods and changed to the so called Senior Clerkship over 7 periods. This means during those 7 periods we have 25 fourth year medical students to teach throughout our 4 teaching hospitals.

We also continue to maintain at McGill a high academic profile with internationally recognised research programs.

At the same time, our ability to recruit is extremely compromised. This is not a problem unique to McGill but is a problem across Canada. Unfortunately, not enough residents from Internal Medicine are choosing Geriatric Medicine as a subspecialty.

This situation is critical and may reach crisis proportions. We have been carrying out discussions within our McGill Division and in each of our hospital divisions and there is no doubt that we need to realign and reconfigure our clinical activities within the hospital and within the community in order to best achieve our clinical goals and support the objectives of our respective hospitals and communities. In the face of limited PREMS, we may need to seriously rethink our “primary care” in-hospital bed commitment if we are to respond to the growing consultative hospital and community needs without compromising our teaching and research program.

We have an important challenge in meeting our growing community and RUIS Commitments. The development of the RUIS (Réseau Universitaire Intégré de Services) represents an extremely important challenge for us. Up until now, our hospital divisions have worked independently but with the RUIS we will now have to rethink the configuration of our services and our relationship with our clinical partners. These partners include the 2 CSSS (Cavendish and Métro/Côte des Neiges/Park Extension), which represent a population of approximately 350,000 people, calculating approximately 18% over 65. This represents close to 65,000 older persons. We have a responsibility as a secondary tertiary care centre for those 2 CSSS. As well, we have responsibilities to other CSSS on the island, particularly the West Island CSSS, which includes the Lakeshore General Hospital. We have already been solicited to work with the Lakeshore General in order to consult and advise on the development of their program for older persons. Finally, we have the responsibilities toward the outlined regions, including l’Outaouais and Abitibi; for example, the l’Outaouais region has already invited us to consult and advise them on the development of their geriatric programs.
Acknowledgements

Geriatric Medicine welcomes the support of Dean of Medicine, Richard Levin, the Chair of Medicine, Dr. David Eidelman, and the Vice Chairs of Medicine: Ernesto Schiffrin (Research) and Linda Snell (Education), as well as Martin Dawes, the Chair of Family Medicine.

I would like to, again, express my special appreciation to Dr. Robert Levine of the Kaufmann Foundation and Ms. Anita David of the Gustav Levenschi Foundation who continue to be a source of counsel and advice for our Division. They have constantly supported innovative clinical work and research in our hospital Division.

I would also like to thank Jessica Labranche, coordinator of our teaching programs. I would like to express my appreciation to Carol Novoseller who is instrumental in the organization of the McGill Geriatric Medicine Grand Rounds, the McGill Interdisciplinary Geriatric Seminar and the McGill CME program and who assures the administration base for our Division, to Elizabeth Iacono and Margherita Marcone for secretarial and organization support in all our division activities. Special thanks and appreciation to Enza Volpe, a pillar of our secretarial staff who has moved on to new challenges.

Dr Gustavo Duque was a strong force in our Division throughout his years as a fellow, PhD student and Faculty. He led a very innovative undergraduate clerkship program, carried out research in education and ran a successful basic science research program in osteoporosis. He decided to move to University Of Sydney in Australia where we know he will continue to be very successful.

This is my last annual report. I am completing my third 5-year term as Director of both the McGill and the JGH Divisions of Geriatric Medicine. It has been an amazing and wonderful experience. Despite the real challenges we face, our Division in the past 15 years has moved from a successful teaching and clinical program to a fully respected university academic discipline garnering respect across Canada and internationally. This could only have been accomplished as a team effort with all medical and other professional faculties. As indicated, we have always enjoyed the support of our Deans and department chairs. A special word of appreciation to Ms. Elizabeth Iacono who has been a precious collaborator.

I will continue to be active with my colleagues in our Division.

Respectfully submitted,

Howard Bergman, MD

The Dr. Joseph Kaufmann Professor of Geriatric Medicine

Director
Division of Geriatric Medicine, McGill University
APPENDIX I

COMMITTEE WORK

2007 - 2008

DIVISION OF GERIATRIC MEDICINE

McGILL UNIVERSITY

__________ Division members

____________ Cross appointed members

__________ Adjunct members
COMMITTEE
2007 - 2008

BELAND, François

Responsable scientifique, Journée méthodologique du Colloque International: Réseaux de santé, intégration des services gérontologiques : quel modèle d’évaluation?, Paris

BERGMAN Howard

Journals

Editorial Board
Geriatrics & Aging 1998-present
Geriatrics & Gerontology (International Editorial Board) 2005-present
The Journal of Nutrition, Health & Aging 2008

Grant Reviews

Ad hoc reviews
Canadian Institutes for Health Research (CIHR) 2004-present

McGill University

Department of Medicine
Executive Committee, Division of Geriatric Medicine 1991-
Education Committee, Division of Geriatric Medicine 1994-

Sir Mortimer B. Davis Jewish General Hospital

Department of Medicine
Policy Committee 1990-

Hospital Committees

Medical Advisory Committee 1987-

National Appointments

Member, Advisory Board of the Institute of Aging, CIHR 2004-present
Chair, Advisory Board of the Institute of Aging, CIHR 2005-present

Professional and Learned Societies

Organizing committee, Seminar: Besoins en santé des personnes âgées et réponses sanitaires: quelques pistes. IUMSP, Lausanne, Switzerland (May 29) 2007

Foundations and Industry

Board of Directors, Gustav Levinschi Foundation 2004-
BROWN-JOHNSON Anita Marie

Member, Steering Group for MUHC Office of Post-Hospital Care and Community Support Office 2006-2008

Member, MUHC Office Of Post Hospital Care Sub-Committees: Co-chair of Workgroup developing clinical pilot project in conjunction with the Agence and CSSS de la Montagne 2007-present

Member, “End of Active Care” Workgroup 2007-present

Member, MUHC-CSSS de la Montagne-CSSS Cavendish-Agence “Infirmier (e) Reseau” Workgroup: designed the “Infirmier(e) Reseau Project that was later piloted at the MGH and RVH Emergency Departments in Winter 2007-2008

Member, MUHC Tools for Long-term Care Workgroup 2008

Member, Organizing Committee, 6th McGill Interdisciplinary Geriatric Seminar, 2007-present

Member, Organizing Committee, Transitional Care Educational Initiative – lectures on various topics relevant to transitional/long-term care are represented to the MUHC and community long-term care partners, approximately four times per year (Fall) 2006-present

MUHC Department of Family Medicine Representative to Cancer Care Mission Executive Committee 2007-present

Member, Division of Geriatrics Caregiver Guide Workgroup 2006-present

Member, MUHC-McGill Behaviour Management Taskforce 2007-present

Member, McGill LTC Executive Committee 2005-present

Member, MUHC LTC and ER Workgroup 2005-present

CPDP Representative on MUHC Adult Clinical Ethics Committee 2004-present

Member, MUHC Department of Family Medicine Executive Committee 2002-present

MUHC – GDECC Committee on Shared Medical Manpower Joint recruitment efforts continued over the past year to attract family physicians to MUHC Transition Care Services and GDECC 2002-present

Member, MUHC Division of Geriatrics Executive Committee 2001-present

Member, MUHC Transition/Long-Term Care Quality Management Committee 2000-present
**CHERTKOW Howard**

Jewish General Hospital Academic Advisory Committee 2000-present

Medical advisor, Québec division of the Alzheimer’s Society of Canada. 1998-present

Member, Executive Committee, Lady Davis Institute, S.M.B.D. 1999-present
Jewish General Hospital

Editorial Board Cognitive and Behavioral Neurology 2004-present

NIH Study section on “Adult Psychopathology and Disorders of Aging” Member 2006-present

Coordinator, Third Canadian Consensus Conference on the Diagnosis and Treatment of Dementia (including Dissemination Committee) 2006-2008

Past President, C5R 2007

Member, 4th CCD Executive Committee 2007

Member, Quebec Government Expert panel on the Diagnosis and Treatment of Dementia 2008

Member, Alzheimer Society of Canada, Canada Dementia Continuum Mapping Initiative 2008-present

**CHIU Wendy**

Medical director, Geriatric Day Hospital, MUHC Division of Geriatric Medicine

Education/Training Committee. Role: Coordinator, Geriatrics rotation for specialty residents McGill Division of Geriatric Medicine

Residency Training Committee, McGill Division of Geriatric Medicine

Geriatrics out-patients services committee, MUHC Division of Geriatric Medicine

Coordinator, MUHC Geriatrics academic rounds / journal club, MUHC Division of Geriatric Medicine

Falls prevention task force committee, McGill University Health Centre (MUHC)
**FISHER Gillian**

Member of the Corporation of the Catherine Booth Hospital

**FUNG Shek**

Resident Training Committee, Division of Geriatric Medicine, McGill University

Organizing Committee, 2008 Annual Meeting, Canadian Geriatrics Society

Comité des Compétences, Réseau Québécois de la gérontologie

Continuing Education Committee, Canadian Geriatric Society

Medicine Test Committee, Medical Council of Canada

**HUANG Allen**

Clinical Information System Clinical Executive Committee & Content Workgroup, MUHC & CHUM, Member 2007

Educational Informatics Committee, MUHC, Member 2006

Code Yellow review committee, MUHC, Member 2006

Scientific abstracts reviewer, American College of Physicians, Member 2007

**KIRK John**

Education and Training Committee McGill Division of Geriatric Medicine

College of Family Physicians of Canada Health Care of the Elderly Committee

Quebec representative
KODNER Dennis L

Secretary, International Foundation for Integrated Care, (Netherlands)
Advisory Board, Long Island Geriatric Education Center
Editorial Board, Home Health Care Services Quarterly
Editorial Board, International Journal of Integrated Care, (Netherlands)
International Advisory Board, Journal of Social Policy & Administration (U.K.)
Reviewer, Health Affairs (U.S.)
Reviewer, The Gerontologist (U.S.)
Reviewer, Journal of Gerontology: Social Sciences (U.S.)
Reviewer, Milbank Quarterly (U.S.)
Reviewer, Healthcare Policy/Politique Santé (Canada)
Reviewer, Journal of Aging & Health (U.S.)
Reviewer, Health Policy (Europe)
Reviewer, Medical Journal of Australia (Australia)
Co-Chair, 8th Annual Meeting of International Network of Integrated Care (INIC), Gothenburg, Sweden
Institutional Review Board, Visiting Nurse Regional Health Care System

LARENTE, Nadine

President, organizing committee, 2008
Annual Conference of La Société Québécoise de Gériatrie

President, RCPSC Geriatrics Board of Examiners 2007-2011

LEBLANC Andrea

Editorial Advisory Board member, Current Alzheimer Research, Bentham Science Publishers 2003-present
Editorial Board Member, The American Journal of Pathology 2004- present
Editorial Advisor for The Biochemical Journal 2004-present
Member of the Neural Oxidative Metabolism and Death (NOMD) Study Section. Meeting Oct 1-2, Feb 4&5, May 27-29 2007-2008
Member of France-Canada Research Foundation grant competition, 2007
Member of FRSQ chercheur boursier et cliniciens committee 2008

INTERNATIONAL REVIEWS FOR UNIVERSITY APPOINTMENTS
Virginia Commonwealth University School of Medicine 2007
McGill University and Lady Davis Institute Committees

Member of the Promotion and Tenure Committee, Dept Neurol & Neurosurg 2004-present
Presenter in RGO “Getting your grant: Strategies for Success” 2007
Member of Safety and Radiation Committee. Lady Davis Institute 2005-present

LuSSier David

Fonds de la Recherche en Santé du Québec (FRSQ), Vice-president, Evaluation Committee for Masters Training Applications 2008
Member, Task force on pain management 2006-present

McGill University

Member, Committee on tertiary and quaternary offers of service, McGill RUIS Chronic Pain Service Continuum 2007-present

Professional and Learned Societies

Founding Chairman, Special Interest Group for Pain in Older Persons, International Association for the Study of Pain 2005-present

Member, Local Arrangements Committee, 13th World Congress on Pain (Montreal 2010), International Association for the Study of Pain 2008-present
Secretary/Treasurer, Association des médecins gériatres du Québec 2004-present

Member, Board of Directors, Quebec Pain Society 2006-present

Member, Committee on evaluation and graduation of geriatric medicine fellows, Geriatric Medicine Fellowship “Programme Réseau” 2007-present

Meeting Organizer

Member, Expert Panel on Provincial guidelines for the treatment of neuropathic pain 2007-present

Meeting Organizer

Annual meeting, Association des médecins gériatres du Québec, Montreal, Qc 2008
Annual meeting, Canadian Geriatrics Society, Montreal, Qc 2008
**Ad Hoc review for scientific journals**
Journal of the American Geriatrics Society
Journal of Palliative Medicine
Pain Research and Management

**MICHEL Jean Pierre**

Academic Director of the European Union Geriatric Society (EUGMS)
February EUGMS congress on infectious diseases – Frankfurt (De) 2007
February Hong- Kong Springfield Geneva symposium on Advances in Alzheimer therapies – Honk Kong (Cn)
September – EUGMS congress on Geriatric Medicine in a time of generation shift – Copenhagen (Dk)
EUGMS congress on Palliative medicine and ethical issues in end of life care – Glasgow (UK) 2009

Scientific Expert
PhD thesis Mrs Tondeur, Paris (F) 2008
Associate Chief Editor of the Journal of Gerontology 2007-2008
Medical Sciences (USA)
Journal of Neurogerontopsychiatrie (Marseille, France) 2007-2008
Revue du généraliste et de la gérontologie (Cnockaert X, Paris) 2007-2008
Gerontology (Karger Ed. Bâle, Suisse) 2007-2008
Member of the international advisory board of the Turkish journal of geriatrics

**MONETTE Johanne**

The Quebec Medical Association 1987-present
Quebec Association of Geriatricians 1991-present
The Royal College of Physicians and Surgeons of Canada 1991-present
Quebec Geriatric Society 1992-present
Canadian Society of Geriatric Medicine 1992-present
American Geriatrics Society 1992-present

**MORAIS José**

External reviewer for CIHR Nutrition and Metabolism Committee and for Canadian Diabetes Association
Member of the Clinical Sub-theme of diabetes of the Canadian Longitudinal Study of Aging. 2003-present

Member of the Canadian Institute on Frailty and Aging, Sub-Theme of Biology

CIHR Member of the Biological and Clinical Aspects of Aging Committee for 2007-2008.

McGill Division of Geriatric Medicine Executive Committee every 3 months. 2005-present

McGill Division of Geriatric Medicine Education/Training Committee every 3 months. 2005-present

McGill Division of Geriatric Medicine Residency Training Committee. 2005-present every 3 months.

Co-Director of the Nutrition an Healthy Aging Axis of the FRSQ Réseau Québécois de recherche sur le vieillissement. Four periods of 3 hours/year. 2006-present

FRSQ Member of the Review Committee for Scholarship Applications February 14 and 15, 2008. 2006-present

Chair Organizing Committee 28th Annual Scientific Meeting of the Canadian Geriatrics Society in Montreal. 2007-present

**PACCAUD Fred**

Commission d’engagement des médecins-assistants de l’IUMSP (président)

Conseil de direction du CepiC (Centre d’épidémiologie clinique), Lausanne

Conseil de direction de l’Unité multidisciplinaire de santé des adolescents, Lausanne

Conseil de la Fondation de médecine sociale et préventive, Lausanne

Groupe de travail « Rationnement » de l’Académie suisse des sciences médicales (président)

Président de la Commission de présentation pour un poste de professeur ordinaire, chef de service en gériatrie, Faculté de biologie et de médecine, Lausanne

Commission de présentation pour un professeur en économie de la santé de l’Ecole des HEC, Université de Lausanne
Représentant de la Faculté de biologie et de médecine de Lausanne auprès de la Commission de structure chargée d'étudier la succession du Professeur Alfredo Morabia au Département de santé et médecine communautaires, Genève

Représentant de la Faculté de biologie et de médecine de Lausanne auprès de la Commission chargée d'étudier l'ouverture d'un poste de professeur associé au Département de santé et médecine communautaires, Université de Genève

Représentant de la Faculté de biologie et de médecine de Lausanne auprès de la Commission chargée d'étudier l'ouverture d'un poste de professeur associé au Département de psychiatrie, Université de Genève

Membre de la Commission chargée d'étudier la promotion à l'ordinariat du Prof. Thomas Perneger, Faculté de biologie et de médecine, Lausanne

Représentant de l’UNIL, Lausanne au Conseil de la Swiss School of Public Health, Zürich
Examinatorenkonferenz (EK) der Sozial- und Präventivmedizin inkl. Arbeits- und Versicherungsmedizin, Bern

Conseil de la Fondation pour le dépistage du cancer du sein, Lausanne

Conseil de la Fondation pour la Psychiatrie de la Petite Enfance, Lausanne (membre fondateur)

Conseil consultatif de la Fondation Promotion Santé Suisse, Berne

Membre du Conseil consultatif de la Haute école fédérale de sport, Macolin

Groupe de travail de l’Observatoire suisse de la santé, Berne

Groupe de référence pour le dépistage du cancer du sein par mammographie dans le canton du Valais, Sion

Commission cantonale de prévention et de promotion de la santé du Valais, Sion

Editorial Board de la Revue « Sozial- und Präventivmedizin », Zürich

Conseil de rédaction de la « Revue médicale suisse », Genève

Membre du Conseil scientifique de la revue « Pratiques et organisation des soins », France
Editorial Board of the European Journal of Public Health

Conseil du Réseau d’épidémiologie clinique international francophone (RECIF), Lyon

Commission scientifique chargée de l’évaluation quadriennale de l’Unité de recherche «Épidémiologie et sciences sociales appliquées à l’innovation médicale» de l’U 279, INSERM, Marseille
Comité d'évaluation du programme de dépistage de la surdité congénitale néonatale, Direction générale de la santé et Caisse nationale d'assurance maladie, Paris

Conseil scientifique de l'Institut de Recherche en Santé Publique, INSERM, Paris

Comité scientifique d’évaluation des projets «Inégalités Sociales de Santé » dans le cadre de l’Institut de Recherche en Santé Publique (IReSP)

Conseil scientifique de la Caisse nationale de l'assurance maladie des travailleurs salariés (CNAMTS), Paris

Commission des recommandations pour l'amélioration des pratiques, Haute Autorité de Santé, Saint-Denis, France

Section of Epidemiology and Prevention, World Heart Federation (WHF)

International Society on Priorities in Health Care, Birmingham

NEST-PATHFINDER workshop « Cultural Dynamics » organisé par la Commission européenne
Membre du Comité Directeur de NICER (National Institute for Cancer Epidemiology and Cancer), Berne

Membre du Groupe d'experts de la Convention HAS-UNCAM (Haute Autorité de Santé/Union Nationale des Caisses d’Assurance Maladie)

Membre de la Commission de présentation au poste de Professeur en économie de la santé, Institut d'Economie et de Management de la Santé, HEC, Lausanne

SCHIPPER Hyman

Journal of Neurochemistry (Journal Editorial Board) 1998-present

J Neurochemistry (Journal Ad-hoc reviews) 2007

Internal Examiner. Canadian Institutes of Health Research (CIHR): Biological and Clinical Aspects of Aging (BCA) Grants Committee (Grant review panel) 2006-2007

Alzheimer's Association, U.S (2) (Grant Ad-hoc reviews) 2007

McGill, Mentoring Program, Dept. of Neurology & Neurosurgery (Dr. Alex Thiele) 2006-present
VAITEKUNAS Susan

JGH Medical Records Committee - organizing committee for Annual Scientific Meeting of Canadian Geriatric Society, Montreal, Quebec 2008

WOLFSION Christina

Ad hoc Reviews - Journals
Chronic Diseases in Canada
Journal of Clinical Epidemiology
Canadian Medical Association Journal
Canadian Journal of Neurological Sciences
Brain
Stroke
Epidemiology
Canadian Journal of Aging
Annals of Epidemiology
Lancet
Journal of Geriatric Psychiatry and Neurology
Journal of the American Geriatrics Society

Ad hoc reviewer – Grants

Neurological Foundation of New Zealand. 2002-present.
Fonds de la recherche en santé du Québec. 1986-present.
Heart and Stroke Foundation of Canada. 1989-present.

Administrative Responsibilities

Member, CIHR Strategy Committee. McGill University 2007-present

Member, Advisory Committee for the Selection of a Dean of Dentistry, McGill University 2007-2008

Member, Faculty of Medicine representative on McGill University Senate McGill University 2005-2011

Member, Academic Appointments Committee. Department of Epidemiology & Biostatistics, McGill University 2006-present

Member, Committee of Full Professors. Department of Epidemiology & Biostatistics, McGill University 2002-present
Member, Executive Committee. Division of Geriatric Medicine. Department of Medicine, McGill University

Chair, PhD Comprehensive Examination Committee. Department of Epidemiology & Biostatistics, McGill University Member, PhD Program Committee. Department of Epidemiology & Biostatistics, McGill University

**Canadian Scientific**

Member, Epidemiology Steering Group. La Carte Génétique du Québec (CARTaGENE) 2007
Member, Comité Consultatif of the Réseau québec de recherche sur le vieillissement 2007
Member, Scientific Planning Committee for The Canadian endMS Research Conference (endMS 2007) 2007
Member, Steering Committee, endMS Research & Training Network 2007-present
Co-chair, Curriculum Committee, endMS Research & Training Network 2007-present
Chair, Health Research Committee, MS Society of Canada 2007-present

**International Scientific**

USA. Member, Ad hoc Committee of Experts to review a candidate for promotion to full professor with tenure: Harvard University 2008

France. Comité scientifique Constances. Scientific Committee for the Development and Conduct of Cohort Constances, a cohort study of 200,000 in France. PI: Dr. Marcel Goldberg 2005-present


**Membership in Professional and/or Learned Societies**

World Federation of Neurology, Research Group in Neuroepidemiology 1985-present
Canadian Society for Epidemiology & Biostatistics 1992-present
Multiple Sclerosis Society of Canada 1986-present
Amyotrophic Lateral Sclerosis Society of Canada 1990-present
Canadian Women’s Health Network 1999-present
Stroke Council, American Heart Association 2000-present
APPENDIX II

RESEARCH

2007 - 2008

DIVISION OF GERIATRIC MEDICINE

McGILL UNIVERSITY

_________ Division members
- -------- Cross appointed members
- -------- Adjunct members
RESEARCH
2007 – 2008

Research Grants


2002-2008 Programme de formation en analyse et evaluation des interventions en santé pour la prise de decision et les politiques. Béland F: co-investigator. Canadian Institutes of Health Research. $979,370

2004-2007 Rôle des organismes communautaires en santé et dynamique partenariale. Béland F: co-investigator. CRSH. $126,000


2006-2008 Frailty Data (FrData): Examining candidate domains of frailty in the elderly. Bergman H & Wolfson C (PI); co-investigator: Béland F. Dr. Joseph Kaufmann Chair in Geriatric Medicine; Canadian Initiative on Frailty and Aging; Solidage research Group: $50,000

2007-2009 Health of work after retirement age and impact on worker health management in industries - Comparing Canada and Japan. Theriault G & Yoshiharu A (PI); co-applicants: Bergman H, Fuhrer R, Kakuma R, Sato Y. Canadian Institutes of Health Research. $60,000 ($30,000/year)


2007-2012 Establishing prognostic subgroups in mild cognitive impairment. Chertkow, H. (P.I.), Kabani, N.J., Diksie, M. CIHR (Canadian Institutes of Health Research) operating grant of $114,007/year
<table>
<thead>
<tr>
<th>Year</th>
<th>Project Description</th>
<th>Investigator(s)</th>
<th>Funding Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>Canadian Consensus Conference on the Diagnosis and Treatment of Dementia.</td>
<td>Chertkow, H.</td>
<td>Dissemination of recommendations of the 3rd CIHR (Canadian Institutes of Health Research)</td>
<td>$15,000</td>
</tr>
<tr>
<td>2008</td>
<td>Dissemination plan for the 3rd Canadian Consensus Conference on Dementia.</td>
<td>Chertkow, H.</td>
<td>CIHR (Canadian Institutes of Health Research)</td>
<td>$23,333</td>
</tr>
<tr>
<td>2008-2013</td>
<td>Canadian Dementia Knowledge Translation Network (CDKTN).</td>
<td>Rockwood, K. (P.I.) Chertkow, H. one of 4 co-investigators.</td>
<td>CIHR (Canadian Institutes of Health Research) operating grant</td>
<td>$4,000.00/5 years</td>
</tr>
<tr>
<td>2006-</td>
<td>Alzheimer's disease neuroimaging initiative (ADNI).</td>
<td>Chertkow, H.; Co-Investigators: Howard Bergman, MD, Susan Vaitekunas, MD Sylvia Windholz, MD and Susan Gold, MD.</td>
<td>Funded by ADCS/UCSD.</td>
<td></td>
</tr>
<tr>
<td>2008-present</td>
<td>A Phase III, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel Group, Efficacy and Safety Trial of Bapineuzumab (AAB-001, ELN115727) in Patients with Mild to Moderate Alzheimer’s Disease who are Apolipoprotein E ε4 Non-Carriers. (ELN115727-301) and A Phase III, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel Group, Efficacy and Safety Trial of Bapineuzumab (AAB-001, ELN115727) in Patients with Mild to Moderate Alzheimer’s Disease who are Apolipoprotein E ε4 Carriers. (ELN115727-302)</td>
<td>Chertkow, H. M.D. Co-Investigators: Howard Bergman, MD, Susan Vaitekunas, MD Sylvia Marquez, MD and Susan Gold, MD.</td>
<td>Elan</td>
<td></td>
</tr>
</tbody>
</table>

2006-2009 Providing comparative out-of-pocket cost information for prescription drugs through an integrated physician electronic prescribing system: a proof of concept with anti-hypertensive drugs. PI Robyn Tamblyn, Co-investigator: Huang A. Canadian Institutes of Health Research, $585,394


2006-2008 Maximizing the benefits of cardiac surgery in the elderly: A pilot study in determining the clinical and functional predictors of recovery. Principle investigator: Huang A. MUHC Research Institute Pilot Projects Fund, $30,000

2006-2008 Maximizing the benefits of cardiac surgery in the elderly: A pilot study in determining the clinical and functional predictors of recovery. Principle investigator: Huang A. MUHC Research Institute Pilot Projects Fund, $30,000

2006-2007 Reducing injuries from medication-related falls by generating targeted computerized alerts for high risk patients within an electronic prescribing system. PI Robyn Tamblyn, Co-investigator: Huang A. Health Canada, $100,000.

2004-2008 Evaluating the impact of computer-based decision support for the management of asthma in primary care. PI Robyn Tamblyn, Co-investigator: Huang A. Canadian Institutes of Health Research, $920,754


2002-2007 Operating grant (25% effort) 1 RO1 NS40431-01A2. Role of prion protein in neuronal survival. Principal investigator: Andréa LeBlanc, $200,000 US per year. (8% overhead to McGill U.)


2006-2011 Role of caspases in human neuronal cell death and in Alzheimer's disease. Principal investigator: Andréa LeBlanc. CIHR, operating grant, $123,418


2006-2008 Delirium in nursing home patients with severe cognitive impairment. Jane McCusker, PhD PI, Philippe Voyer RN co-investigator, Martin Cole MD, Nathalie Champoux MD, MSc, Johanne Monette MD MSc, Antonio Scampi PhD. Jointly funded by the Alzheimer’s Society of Canada, the Canadian Nurses Foundation, the Nursing Care partnership, the Institute of Aging and the Institute of Gender and Health. Amount: 171,061$ (Alzheimer’s Society of Canada: 114, 041$; Institute of Aging: 28, 510$; Institute of Gender and Health: 28, 510$)

2006-2007 Optimisation de la gestion des symptômes psychologiques et comportementaux de la démence (SPCD) en centre d’hébergement et de soins de longue durée (CHSLD). Johanne Monette, MD, MSc (PI), Maryse Savoie, Inf. MSc, Nathalie Champoux MD, MSc, Christina Wolfson, PhD, Johanne Lafleur, inf MSc. Canadian Patient Safety Institute. 162,303$


2007-2009 The determinants of weight loss in a healthy free-living elderly population. PI: Katherine Gray-Donald and Hélène Payette. Co-invest: José A. Morais et al. CIHR - (MOP-84318) $60,000/yr

2002-2007 The effects of improved oral prostheses on the nutritional state of dentulous elderly individuals. Jocelyne Feine/José A. Morais, Principal Applicants. CIHR - $313,194/yr

2003-2008 Nutrition as a determinant of successful aging. The Quebec Longitudinal study. Hélène Payette/José A. Morais, Pierrette Gaudreau, Bryna Shastenstein, Principal Applicants. CIHR - $753,300/yr


2006-2010 Nutrition quality as a predictor of cognitive decline in elderly individuals: a longitudinal assessment. PI: Guylaine Ferland Co-investigator: José A. Morais et al. CIHR - (MOP-81217) $805,000

2003-2009 Evaluation Revision Betäubungsmittelgesetz (Contrat no 01.001316/2.24.02-126, responsables: Dr F. Dubois-Arber, Prof. F. Paccaud)

2004-2007 OFES et Université de Lausanne, projet de Campus virtuel « Basic Epidemiology: Internet Course for Swiss Medical Students and for Public Health Training », requérant responsable Prof. F. Paccaud).

2007-2008 The future of longevity in Switzerland: background and perspectives. (responsible Prof. F. Paccaud)

2006-2007 Vieillissement: éléments pour une politique de santé publique (Contrat SMSR/2006/004, responsable: Prof. F. Paccaud)

2006-2008 Prévention des maladies et promotion de la santé: propositions pour une stratégie vaudoise (Contrat PSP/2006/004, responsable: Prof. F. Paccaud)


2007-2009 Role of heme oxygenase-1 in aging and parkinsonian neural tissues (II) PI: Hyman Schipper. Canadian Institutes of Health Research (CIHR) $682,855


2007 Spectroscopic analysis for neurodegenerative disease biomarker discovery. PI: Hyun Schipper. Molecular Biometrics LLC $50,000

2000-present A 4-week, parallel-group, randomized, double-blind, placebo-controlled, adaptive proof of concept study of AQW051 at up to three dose levels for the treatment of patients with findings consistent with mild Alzheimer’s disease (AD) or Mild Cognitive Impairment (amnestic MCI) CAQW051A2104. P.I.: Susan Vaitekunas, MD Co-Investigators: Howard Bergman, MD, Howard Chertkow, M.D., Sylvia Marquez, MD and Susan Gold, MD. Novartis


2004-2008 The Canadian Longitudinal Study of Aging: Developmental Activities-Phase 1 PI: Wolfson, C. José A. Morais Co-investigator responsible for the clinical sub-theme of diabetes. CIHR $1,744,000


APPENDIX III

PUBLICATIONS

Peer Reviewed Papers, Book Chapters, Abstracts

2007-2008

DIVISION OF GERIATRIC MEDICINE

McGILL UNIVERSITY

Division members

Cross appointed members

Adjunct members


Béland F. Ruptures cède la place. Ruptures. 2007;11;3-5.


Whatmough, C. & Chertkow, H. rCBF to the Hippocampal complex covaries with superior semantic memory retrieval. Behavioural Brain Research. 2007; 181(2), 262-269


Brick Y, Clarfield AM. "JDC-ESHEL", a unique non-govermental organization dedicated to the elderly in Israel. Arch Gerontol Geriatr. 2007; 44: 225-234


Hogan D, Clarfield AM. Venerable or vulnerable: ageing and old age in JRR Tolkien's "The lord of the rings". Medical Humanities. 2007; 33: 5-10

Clarfield AM. Bridging the political divide [Politics?] Can Med Assoc J. 2007;177:1072-3


Lussier D. La douleur chronique chez les aînés : Quel traitement pharmacologique utiliser? Le Clinicien. 2007; 22(12): 75-80

Lussier D. Le point de vue des experts: La douleur associée au zona. L’Actualité médicale : Les cahiers de MedActuel. 2007; 7(39): 3-4


Bovet P, William J, Paccaud F. Low prevalence of individuals with optimal or borderline levels of cardiovascular risk factors extends to rapidly developing countries (Letter). Arch Intern Med. 2007;167(20):2262-3


Shiroky JS, Schipper HM, Bergman H, Chertkow H. Can you have dementia with an MMSE score of 30? Am J of Alzheimer’s Disease & Other Dementias. 2007; vol.22, No.5:406-415


Song L, Song W, Schipper HM. Astroglia overexpressing heme oxygenase-1 predispose cocultured PC12 Cells to oxidative injury. J Neurosci Res. 2007;85:2186-2195

Shiroky JS, Schipper HM, Bergman H, Chertkow HM. Can you have dementia with an MMSE score of 30? Am J Alz Dis Other Dement. 2007; 22: 406-415

Diaz Z, Laurenzana A, Mann KK, Tarek A, Bismar TA, Schipper HM, and Miller Jr WH. Trolox enhances the anti-lymphoma effects of arsenic trioxide while protecting against liver toxicity. Leukemia. 2007; 21, 2117–2127


Bergman H, Hogan D, Karunananthan S. La fragilité. Précis Pratique de gériatrie, 3e édition. 2007; Chapitre 6, 83-91


PUBLICATIONS: 2007-2008

Abstracts


Appendix IV

INVITED LECTURES

2007 - 2008

DIVISION OF GERIATRIC MEDICINE

McGILL UNIVERSITY

_________ Division members

---------- Cross appointed members

_________ Adjunct members
INVITED LECTURES

BÉLAND François


Privatisation de la santé: analyses et conséquences d'un mauvais remède, Forum social québécois, Montréal, 24-26 août 2007,

Le financement de la santé: les mythes à l’épreuve des faits, Forum social québécois, Montréal, 24-26 août 2007,


Alternativas asistenciales en el marco internacional, Sesión plenaria, 49 Congreso de la Sociedad Española de Geriatría y Gerontología, Palma de Majorca, 6-9 de junio 2007.

BERGMAN Howard

International
The Complexity of Care for Older Persons. Frailty, Co morbidity and Function - Challenges facing Modern Healthcare Systems. Lausanne, Switzerland (May 8, 2007)


Chronic Disease, Frailty and Disability: Understanding the Heterogeneity of Older Persons. 6th ALMA Cartagena de Indias meeting. Cartagena, Colombia (August 22, 2007)

The Complexity of Care for Older Persons. 6th ALMA Cartagena de Indias meeting. Cartagena, Colombia (August 24, 2007)


Understanding care needs of frail elderly. Health Manpower Development Plan (HMDP)-Visiting Experts. St-Lukes Hospital, Singapore. (Jan 28, 2008)

Care of Geriatric Cancer Patient: Can we do More? Health Manpower Development Plan (HMDP)-Visiting Experts. Alexandra Hospital, Singapore. (Jan 29, 2008)

Frailty. Health Manpower Development Plan (HMDP)-Visiting Experts. Tan Tock Seng Hospital, Singapore. (Jan 30, 2008)


Frailty and Oncology. Health Manpower Development Plan (HMDP)-Visiting Experts. Changi General Hospital, Singapore. (Jan 31, 2008)

Diagnosis and Treatment of Cognitive Decline. Health Manpower Development Plan (HMDP)-Visiting Experts. Peace Haven Nursing, Singapore. (Feb 1, 2008)


BROWN-JOHNSON Anita Marie


CHERTKOW Howard


Debate: MCI is a clinically meaningful diagnosis. 4th Canadian Colloquium on Dementia. Vancouver: October 18-20, 2007.


Can cognitive neuroscience studies of semantic memory in AD lead to better therapies?
University Hospital Gasthuisberg, Leuven, Belgium: May 29, 2008.

CLARFIELD A MARK


Squaring of the Curve: True or False? Grand Medical Rounds, Maimonides Hospital, Brooklyn, NY, 2007

End-of-life decisions according to the three Abrahamic Monotheistic religions: Judaism, Catholicism and Islam. Geriatrics Rounds, Montefiore Hospital, Bronx, Mt Sinai Geriatrics Rounds, and Jewish Home and Hospital for the Aged, 2007.


FUNG Shek

Dementia 2007: Montreal Chinese Hospital, November 17, 2007

GOLD Susan

HUANG Allen


Challenges of appropriate prescribing in the elderly. McGill Medicine Physicianship 2 course lecture, Interviewing the elderly. October 10, 2007


KODNER Dennis L.


Managed Care Networks for the Vulnerable Elderly, 8th Annual Integrated Care Conference, Integrated Network of Integrated Care, Gothenburg, Sweden, March 6, 2008.


Towards a Typology of Integrated Care, European Workshop on Integrated Care, Vienna Medical University, Vienna, Austria, April 24, 2008.

LEBLANC Andrea

The pros and Cons of the Amyloid Hypothesis in Alzheimer Disease. The fourth Canadian Colloquium on Dementia. Vancouver, October 20, 2007

The activation of Caspase-6 in Alzheimer disease. Immunology Montreal Symposium, Brain Inflammation and Disease, November 16, 2007
LUSSIER David

Impact cognitif et aspects psychologiques de la douleur chez la personne âgée. Psychogeriatrics Colloquium of Psychogeriatrics Service of Sacré-Cœur Hospital (La santé cognitive et mentale de nos aînés), Montréal. 2007

La douleur chez la personne âgée. Department of Medicine, Centre universitaire de santé de l’Estrie, Sherbrooke, Qc. 2007

Traitement de la douleur chez la personne âgée. Grace-Dart Extended Care Center, Montreal, Qc. 2007

Douleur et troubles cognitifs. Long-Term Care Colloquium, Institut universitaire de gériatrie de Montréal, Montreal, Qc. 2007

Explorer la douleur neuropathique chez les patients gériatriques: Des attentes du patient à la gestion de la maladie. Department of Family Medicine, Institut universitaire de gériatrie de Montréal, Montreal, Qc. 2008

Traitement de la douleur chez les patients gériatriques. Pain Day, Cité de la Santé de Laval, Laval, Qc. 2008

Nos aînés et la douleur: comprendre et soulager la souffrance. Public Lecture, Faculty of Medicine, University of Montreal (“Les Belles Soirées”), Montreal, Qc. 2008

La douleur chez les patients âgés en soins de longue durée. Groupe Champlain, Ste-Adèle, Qc. 2008

Pain management in older patients in long-term care institutions. Maimonides Geriatric Centre, Montreal, Qc. 2008

National
Pain in older patients. Ottawa General Hospital, Ottawa, ON. 2007

Pain management in older patients in long-term care institutions. Perley Veterans’ Hospital, Ottawa, ON. 2008

International
International Forum on Pain Management, Montreal, Qc. “Pain in the geriatric population” 2007


Why is pain in the elderly different; Psychopathology aspects of chronic pain; Pain assessment in demented patients. International Course on Pain: Pain in Geriatrics, Hospital Italiano de Buenos Aires, Buenos Aires, Argentina. 2007
MICHEL Jean Pierre

2007
Disablement process, EAMA Sion (CH) 30 I

Vaccination in the elderly, Paris (F) 6 II

Quality management, Valencia (Sp) 1er III

Coping with aging in Europe, Beijing (Chine) 12 III

The frailty process, Beijing (Chine) 13 III

The medical challenges for a longer life “Ageaction” Newcastle (UK) 26 IV

From home to the emergency ward, Vienne (A)

The frailty concept, St Petersbourg 4 VII

Towards a new vaccine programme for the ageing and aged persons, St Petersbourg 4 VII

Is Frailty can be considered as a syndrome? Dublin 13 VII

Integrated care in the Geneva geriatric department, Leeds (UK) 23 VIII

Challenges of Palliative care medicine: pre-conference meeting Glasgow (Ecosse) 8 VIII

Prevention of chronic conditions by vaccines: Alzheimer disease and Herpes Zoster St Gallen (CH) 7 IX

Frailty: Accumulation of clinical ageing or signs of one syndrome? Rhodes (Gr) le 21 IX

The need of a new vaccine program for the older people: A European perspective, Frankfurt (De) 27 IX

What is geriatric medicine? IAGG Pan Asian congress Beijing October; Frail old adults in clinical cancer trials (Barcelona, XII)

2008
Non-cognitive outcomes in dementia drugs trials (Hong Kong – Cn - II 08)

Comprehensive Geriatric Assessment and Outcomes research Geriatrics National congress Turkey Geriatric Society – Antlaya (Tk) April

Vaccines incentives Paris (F) April
Medical challenges of longer life and Vaccine recommendations in ageing and aged adults, Sfax (Tu) May 2008

**MORAIS José**


**PACCAUD Fred**

De l'offre de soins à l'offre de services. 2èmes Universités Impact Santé. Conférence Paris, 5.11.2007


La promotion de la recherche clinique en Suisse; plans et investissements du Fonds national. Colloque inaugural du Centre de recherche clinique, Université de Genève, Faculté de médecine et HUG. Genève 28.11.2007


**VAITEKUNAS Susan**

WOLFSON Christina


Neurology Symposium - Environmental Risk Factors in MS. Design considerations in studying the role of environmental risk factors in MS. University of Sassari, Sardinia, Italy, April 5, 2008.


Longitudinal studies, population health, and aging. 1st International Meeting. CIHR Team in Frailty and Aging. Montreal, Quebec, Canada, February 14, 2008.


Optimal designs to further explore the environmental factors for MS? MS Symposium – Environmental Risk Factors in MS. Olso, Norway, November 26, 2007.


Epidemiologists count! So what is so difficult about prevalence studies? Harvard University, Department of Epidemiology. Boston, MA, USA, October 24, 2007.

Joint Statistical Meeting, Gerontologic Biostatistics: Section on Statistics in Epidemiology, Biometrics Section, WNAR. Discussant. Salt Lake City, Utah, July 29, 2007.
APPENDIX V

AWARDS/NOMINATIONS

2007 - 2008

DIVISION OF GERIATRIC MEDICINE

McGILL UNIVERSITY

------------ Division members
---------- Cross appointed members
---------- Adjunct members
AWARDS/NOMINATIONS
2007 - 2008

BERGMAN Howard
Elected Fellow of the Canadian Academy of Health Sciences

Appointed by the Quebec Minister of Health to chair a task force with the mandate to propose an action plan from prevention to end of life care, including the research agenda (November 2007)

BROWN-JOHNSON Anita Marie
Medical Director, MUHC Office of Post Hospital Care & Community Support (March 2008)

CHERTKOW Howard
Nomination, Canadian Magazine Award 2008

LEBLANC Andrea

Ancienne de l’année, Faculté des Sciences, Université de Moncton, Moncton, NB, Canada (2007)

MORAIS José
FRSQ-Chercheur Clinicien Senior (2006 – 2009)
APPENDIX VI

TEACHING ACTIVITIES

FELLOWS, GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

2007 - 2008

DIVISION OF GERIATRIC MEDICINE

McGILL UNIVERSITY

__________ Division members
__________ Cross appointed members
__________ Adjunct members
TEACHING ACTIVITIES
2007 - 2008

BÉLAND François

Directeur. Nicolas Rousseau, Ph. D, Université de Montréal. L’articulation entre les services à domicile formels et informels : évaluation d’un système de services intégrés pour personnes âgées en perte d’autonomie (SIPA). Santé publique. 2004 -

Co-directeur. Louise Lafontune, Ph.D, Université de Montréal. “L’évolution des profils de fragilité et d’utilisation des services sociosanitaires chez les personnes âgées”. Santé publique. 2003 -

Co-directeur. Claude Galand, Ph.D, Université de Montréal. “Typologie des réseaux d’aide dans deux régions francophones du Canada”. Santé publique. 2000 -

BERGMAN Howard

Postgraduate students

Co-thesis director, Louise Lafontune, PhD student, Université de Montréal. “L’évolution des profils de fragilité et d’utilisation des services sociosanitaires chez les personnes âgées”. 2003-

Co-Director, Frédérique Retornaz, Clinical Fellow, Université de la Méditerranée à Marseille. “Characterization of the health and functional status of cancer patients, aged 70 years and older, referred to oncology clinic for chemotherapy”. Sep 05 – May 08

Co-Director, Véronique Girre, Clinical Fellow, Institut Curie à Paris. “L’identification et prise en charge des personnes âgées souffrant de cancer”. Jun 06 – Dec 07

Co-Director, Martine Puts, Post-doctoral student, Vrije Universiteit, The Netherlands. “Longitudinal study on health and functional trajectories in older cancer patients” & “The Frailty Data (FrData) Project”. Apr 06 -

Co-Director, Isabelle Vedel, MD, Post-doctoral student, Université de Paris. “Clinical Experiences of Primary Care Physicians with older patients with regards to Cancer”. Oct 07 -

Co-Director, Mathieu de Stampa, 2004-2007, Université de Reims

Thesis Committee: Jonathan Afilalo, Cardiology fellow, 2007-
Carmela Pepe, Respirologist, MSc Epidemiology, 2007-
**BROWN-JOHNSON Anita Marie**

Supervision of two foreign medical graduates during rotations (observership) on MUHC Transition Care Services (Fall 2007 and Spring 2008).

Geriatric Clerkship – Transition Care Course (October 2002 – present)
Interactive workgroup format with 3rd and/or 4th year medical students, approximately one afternoon per month.

**CHERTKOW Howard**

**Postdoctoral Fellows**
Jim Nikelski, Ph.D., post doctoral fellow funded by the Alzheimer's Society of Canada. On cognitive neuroscience of semantic memory. 2006

**Graduate students supervised**
Geneviève Arsenault, Ph.D. Student, Dept. of Neurosciences, McGill University. 2006

**CHIU Wendy**
Introduction to the Practice of Geriatric Medicine. Course no. INDS 305 - Intro to Clerkship / Intro to Clinical Medicine (ICM). Faculty of Medicine, McGill University

Geriatric Rehabilitation. Clerkship (Med3-4) small group teaching. MUHC Division of Geriatric Medicine

**HUANG Allen**
Physician Apprenticeship Osler Fellowship, Jason Blaichman, Richard Dallala, Jean-Marc Rizk, Katerina Nikolitch, Eve Simoneau, Sarah Tuck: McGill University. 2006

Practice of Medicine Clinical Clerkship rotation in Geriatric Medicine, Clerkship medical students: McGill University. 2002-present

Introduction to Clinical Sciences & Professional skills, Pre-clinical clerkship medical students McGill University. 1991-present

Caryn Nash (co-supervisor) MSc, Clinical Epidemiology, McGill 2006

Dana Teltsch (co-supervisor) PhD Clinical Epidemiology, McGill 2006

Ina van der Spuy (co-supervisor) PhD Clinical Epidemiology, McGill 2005-
KODNER Dennis L.

Innovation in Health and Social Care for the Elderly. (seminar), Faculty Group of Health, Medicine, and Life Sciences, Maastricht University, The Netherlands

LUSSIER David

CME/McGill
French Multimedia Series, Montreal, Qc. “Traitement de la douleur chez les patients âgés” (March 2008)

McGill Pregraduate Courses
PHTH432  Assessment and Management of Chronic Pain Syndromes: Pain in geriatric patients. School of Physical and Occupational Therapy, Year 3 of Physical Therapy program (October 2007)

University of Montreal Post-Graduate Courses
PHL-6035  Pharmacologie de la douleur (part of Masters in Pharmacology program): Particularités du traitement de la douleur chez les patients âgés (2002-2008)

University of Sherbrooke Post-Graduate Courses
REA318   Douleur et réadaptation: Approche auprès de la clientèle âgée (3 hours). Faculty of Medicine, Professional Masters in Rehabilitation (October 2007)

MICHELI Jean Pierre

Pre-graduate teaching: 20 hrs/week

Post-graduate teaching: 1 hr/week

Continuing training education: European Academy for Medicine of Ageing (EAMA)
Founding member
Scientific director, program leader and main animator, about 70 hours per year
Geriatric giants and their socio-economic implications, 2007, June
Geronto-pharmacology 2008, January

MONETTE Johanne

Supervision of Doreen-Wan-Chow-Wah, fellow in Geriatric Medicine, McGill University. “A census of cancer physicians in Quebec: clinical experience with elderly patients”. 2006-present

Thesis committee member for Carmela Pepe, candidate for an MSc degree in Epidemiology and Biostatistics, McGill University. “Chemotherapy Treatment in Elderly Non-Small Cell Lung Cancer Patients: A Quebec Cancer Centre Experience”. 2006-present

**MORAIS José**

**Graduate Students and Postdoctoral Fellows**
Eric Goulet, PhD Post doctoral fellow

Henry Ghanem, PhD Candidate

Carine Mourad, MSc Candidate

Co-Supervisor of Haneen Molla, MSc Candidate.

Ammar Ahmed – U2, Physiology – Summer 2007

**Course Taught (including CME at McGill)**

Unit IV: Gastro-enterology, Endocrinology, Metabolism and Nutrition. (INDS-104) Geriatric Nutrition. One hour. February 7, 2008 Course Coordinator: Dr. Ann Weschler

Introduction to the Patient (Unit 9A). Course Physicianship I, INDS-120. Participation in small group sessions in the lecture on Spirituality in Medicine. Two hours. May 16, 2007 - Course Coordinator: Dr. David Dawson

Physical and Occupational Therapy Department. Lifespan Course POTH 260. Physical and social aspects of aging. November 14, 2007 - Course Coordinator: Catherine Limperopoulos, PhD


**PACCAUD Fred**

**Cours dispensés à la Faculté de biologie et de médecine**

1ère année


3ème année

Module « Médecine et Santé Communautaires » Épidémiologie.
6ème année
Le Prof. F. Paccaud est responsable de l’enseignement de la médecine sociale et préventive aux étudiants de 6ème année.

- Médecine sociale et préventive : Prof. F. Paccaud, Prof. F. Levi, Dr D. Laufer, Dr G. Zanetti
- Médecine du travail : Prof. B. Danuser, Prof. M.-A. Boillat
- Economie de la santé et assurances : Prof. A. Holly, Prof. R. Darioli

Autres cours dispensés à l’Université de Lausanne


Cours dispensés à l’étranger

SCHIPPER Hyman

Post doctoral students
2002-Present Wei Song, MD., PhD (co-supervisor: Dr. Hemant Paudel)
Dr. Song is investigating the effects of HO-1 up-regulation on downstream signal transduction pathways in cultured astroglia.

2002-Present Haixiang Su, MD, PhD
Responsible for establishing antioxidant enzyme and oxidative damage assays in our institute’s Biomedical Redox Laboratory.

2007-Present Daniela Ham, PhD - 2007
Primary supervisor: Dr. Jacek Majewski. Daniela is evaluating the impact of hypoxia and oxidative stress on RNA alternate splicing and stability in neurovascular tissues.

Graduate Students
2002-Present Zuanel Diaz, PhD Program, Division of Experimental Medicine, McGill University,
Co-supervisor: Dr. Wilson Miller Awarded CIHR Canada Graduate Scholarships Doctoral Award (2005-2008)

2004-Present Hillel Zukor, PhD Program, Department of Neurology & Neurosurgery, McGill University

2006-Present Jacob Hascalovici, MSc Program, Department of Neurology & Neurosurgery, McGill University, Awarded McGill Graduate Student Fellowship (2007-2008) for high scholastic achievement.
**Undergraduate Students on projects**
2007 Spring/Summer Jordana Delnick, McGill University, (co-supervisor: Dr. Mervyn Gornitsky)
2007 Summer Gabriel Cartman, Marianopolis College
2007 Summer Nathan Light, Concordia University

**Clinical Teaching – Residents and Fellows**
1988-Present Neurology Ward and Consultation Service: Clinical Neurology training of residents and fellows who rotate to our service from the Departments of Neurology and Neurosurgery, Internal Medicine and Psychiatry (JGH and McGill University).

1990-Present Didactic and Bedside Neurology Teaching to Herzl Family Medicine staff and residents.

1998-Present Instruction in the diagnosis and management of aging-related neurodegenerative disorders to Residents and Fellows in Neurology, Medicine (Geriatrics) and Psychiatry attending the McGill Memory Clinic at the Jewish General Hospital

Coordinator of course at McGill University offered through the Dept. of Neurology & Neurosurgery and Dept. of Medicine (Div. Of Experimental Medicine) beginning January 2003. Title: Free Radical Biomedicine (NEUR 550). An interdisciplinary course on the biochemistry and cellular/molecular biology of free radicals, transition metals, oxidative stress, antioxidants and their roles in health and disease

**VAITEKUNAS Susan**
Clinical supervision & teaching of medical studies during geriatric clerkship.

Clinical supervision & teaching of family medicine and internal medicine residents during geriatric rotation – includes acute geriatrics ward, in-patient consult service, ER consult service, geriatrics clinic, memory clinic.


**WOLFSON Christina**

**Post Doctoral Fellows**

**PhD Students**

MSc Students

Clinical Fellows

Post Doctoral Fellows
Dr. Linda Furlini. Department of Epidemiology & Biostatistics. “Attitudes about mental incapacity and long term participation in the Canadian longitudinal Study on Aging (CLSA)”. 2005-2007

PhD Students

MSc Students
Thesis

Instructor. Seminar on Advanced Methods in Epidemiology. 3 credits. (39 hours)
Lecturer. Half-Day for Neurology Residents. Introduction to Neuroepidemiology. (3 hours)
Lecturer. Half-Day for Neurology Residents. Introduction to Biostatistics. (3 hours)
APPENDIX VII

CONSULTATIONS

2007 - 2008

DIVISION OF GERIATRIC MEDICINE

McGILL UNIVERSITY

____________ Division members

____________ Cross appointed members

____________ Adjunct members
CONSULTATIONS
2007 - 2008

BERGMAN Howard
Advisory Council, enCircle Program, Bank of Montreal, 2005-present
Consultant, Geriatric Medicine, Groupe Tactique d’Intervention (GTI). Ministère de la Santé et des Services Sociaux, Québec. 1995-present
Scientific Advisory Board, Vigorous Mind, 2006-present
Presentation at ESHEL Center. Frailty. Tel Hashomer, Israel (April 29, 2007)
Consultation visit, Health Manpower Development Plan (HMDP) visiting expert, Singapore, Jan 28-Feb 1, 2008

BROWN-JOHNSON Anita Marie
Community Outreach Project: Telephone consults with select long-term care facilities regarding management of complex cases discharged from MUHC Transition Care Service. (Fall 2001 – present)
Operate private practice in Family Medicine in Notre-Dame-de-Grace, one-half day per week. (January 2000 – present)

CHERTKOW Howard
Member, Scientific Advisory Board, Pfizer “Aricept” 2001-
Janssen-Ortho, Scientific Advisory Board 2001-

KODNER Dennis L
Village Care of New York (VCNY), New York City (various projects on home- and community-based services, and managed long-term care)
Visiting Nurse Regional Health Care System (VNRHCS), Brooklyn, New York (various projects on home- and community-based services for “special needs populations,” and coordinated care)
MICHEL Jean Pierre
Sanofi Pasteur MSD - France
Pfizer Suisse
Clinique de la Métairie - Suisse

PACCAUD Fred


Representative of the Association des Gériatres du Québec on the Consulting 2003-present Committee of the ROCQ (Recognizing Osteoporosis and its Consequences in Quebec). One’ period of 3 hours, twice/year.

SCHIPPER Hyman
Public Sector
Since 1993, participated as consulting neuroscientist and lecturer in a course given initially bi-annually now annually on the Cellular and Molecular Biology of Aging (Anatomy 504-541B).

In 2003, designed, coordinated and lectured in a new course at McGill University entitled Free Radical Biomedicine (NEUR 550).

VAITEKUNAS Susan
Act as expert in long term care for the College des Médecins during institutional or individual inspections.
APPENDIX VIII

GERIATRIC MEDICINE GRAND ROUNDS

2007-2008

DIVISION OF GERIATRIC MEDICINE

McGILL UNIVERSITY

Division members

Cross appointed members

Adjunct members
Tuesday November 20, 2007
Block Amphitheatre, Jewish General Hospital
Dr. Fadi Massoud, MD
Geriatrician, Centre Hospitalier de l’Université de Montréal and Institut de gériatrie de Montréal.
Assistant Professor of Medicine, Department of Medicine, University of Montreal.
Mild Cognitive Impairment: What are the Management Options?

Tuesday January 15, 2008
Block Amphitheatre, Jewish General Hospital
Dr. Robert Palmer, MD, MPH
Head, Section of Geriatric Medicine, Professor of Medicine, Cleveland Clinic Lerner College of Medicine of Case Western Reserve University
Predicting and Preventing Adverse Hospital Outcomes

Wednesday, November 20, 2007
Block Amphitheatre, Jewish General Hospital
Dr. Fadi Massoud, MD
Gériatre, Centre hospitalier de l’Université de Montréal et Institut de gériatrie de Montréal.
Professeur adjoint de médecine, Département de médecine, Université de Montréal
“Mild Cognitive Impairment: What are the Management Options?”

Tuesday February 12, 2008
Block Amphitheatre, Jewish General Hospital
Dr. Ernesto Schiffrin, MD, PhD, FRSC, FRCPC, FACP
Physician-in-Chief and Chair, Department of Medicine, Sir Mortimer B. Davis-Jewish General Hospital.
Canada Research Chair and Director, Hypertension and Vascular Research Unit, Lady Davis Institute for Medical Research. Professor and Vice-Chair (Research), Department of Medicine, McGill University
Rigid Pipes or Living Vessels: Hypertension, Aging, Natural History, Vascular Remodelling and Inflammation

Tuesday March 11, 2008
Block Amphitheatre, Jewish General Hospital
Dr. Bruce Leff, MD
Associate Professor of Medicine, Johns Hopkins University School of Medicine. Joint Appointment, Johns Hopkins University Bloomberg School Public Health
Hospital at Home: A Case Study in the Challenges of Hospital at Home. A Case Study in the Challenges of Hospital at Home. A Case Study in the Challenges of Hospital at Home. A Case Study in the Challenges of

Tuesday May 6, 2008
Livingston Hall, Montreal General Hospital
Dr. Louise C. Walter, MD
Associate Professor of Medicine, Division of Geriatrics, University of California, San Francisco and the San Francisco VA Medical Center, San Francisco, CA
Unintended Consequences of Cancer Screening Guidelines in Frail Elders

Tuesday June 10, 2008
Livingston Hall, Montreal General Hospital
Dr. Sean Morrison, MD
Director, National Palliative Care Research Center. Hermann Merkin Professor of Palliative Care. Professor of Geriatrics and Medicine, Mount Sinai School of Medicine, New York, NY.
Planning for Our Future: Alleviating Pain and Other Symptoms in Elder Adults
APPENDIX IX

CANADIAN GERIATRICS SOCIETY ANNUAL MEETING

2007- 2008

DIVISION OF GERIATRIC MEDICINE

McGILL UNIVERSITY

__________  Division members

-------------  Cross appointed members

__________  Adjunct members
2008 Annual Meeting of the Canadian Geriatrics Society

Conference Program and Abstracts
## PROGRAM AT A GLANCE *

**Canadian Geriatrics Society Annual Scientific Meeting**  
Hotel Delta Centre-Ville, Montreal, Quebec, Canada

### THURSDAY, APRIL 10, 2008

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Room/Speaker</th>
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<tbody>
<tr>
<td>8:00 am – 4:00 pm</td>
<td>Academic Day for Trainees in Geriatrics**</td>
<td>St-Charles</td>
</tr>
<tr>
<td>6:00 pm – 8:15 pm</td>
<td><strong>Official Opening Ceremony</strong> (Chair: Dr. Jos Morais)</td>
<td>R gence – Plenary</td>
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<tr>
<td>6:00 pm – 6:15 pm</td>
<td><strong>Presidential Address</strong> (Dr. Christopher Frank)</td>
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<tr>
<td>6:15 pm – 6:30 pm</td>
<td><strong>Introduction and Opening Remarks</strong> (Dr. Howard Bergman)</td>
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| 6:30 pm – 7:00 pm | **Special Greetings from the Presidents of International Geriatrics and Gerontology Organizations**  
European Union Geriatric Medicine Society (Dr. Desmond O’Neill),  
British Geriatrics Society (Dr. Peter Crome),  
Geriatrics and Gerontology Society of France (Prof. Muriel Rainfray),  
Canadian Gerontological Nurses Association (Dr. Belinda Parke),  
Quebec Geriatrics Society (Dr. Tam S Ful p)  
**Welcome on Behalf of Canadian Institutes of Health Research – Institute of Aging** (Dr. Anne Martin-Matthews) |                       |
| 7:00 pm – 7:15 pm | **CGS Meeting Information** (Dr. Jos Morais)                           | Foyer                 |
| 7:15 pm – 8:15 pm | Presidential Reception                                                  |                       |
|                | McGill Student Jazz Trio                                               |                       |

### FRIDAY, APRIL 11, 2008

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Room/Speaker</th>
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| 6:30 am – 8:00 am | **Breakfast Satellite Symposium – Sponsored by Pfizer Canada Inc.****  
Spectrum of Dementia – Applying New Clinical Findings in Everyday Practice: Severe Alzheimer’s Disease (Chairs: Dr. Alain Robillard, Dr. William Dalziel; Speaker: Dr. Nathan Hermann) | Cartier A–B           |
| 7:30 am – 8:05 am | Continental Breakfast                                                  | Foyer                 |
| 8:05 am – 8:15 am | **Opening Remarks: Program Highlights** (Dr. Jos Morais)               | R gence – Plenary     |
|                | (Chair: Dr. Fadi Massoud)                                               |                       |
| 8:15 am – 9:05 am | Canadian Institutes of Health Research – Institute of Aging Speaker Nutrition and Dementia (Dr. Carol Greenwood) |                       |
| 9:05 am – 9:55 am | Canadian Institutes of Health Research – Institute of Aging Speaker The Assessment of Fitness-to-Drive in Persons With Dementia (Dr. Frank Molnar) |                       |
| 9:55 am – 10:15 am | Break                                                                  | Foyer                 |
| 10:15 am – 12:15 pm | **Symposium A**  
Improving Emergency Room Care for Older Persons (Chair: Dr. Jos e Verdon)  
Turning a Bad Deal Into a Good DEED: Discharge of Elderly From the Emergency Department (Dr. Gideon Caplan )  
Cognitive Assessment in the ED: Quality Issues and Indicators (Dr. Fredric Husty)  
Geriatrics in the Emergency Department: The Quebec Perspective (Dr. Jane McCusker) | Cartier A–B           |

*Details outlined are based on information available at the time of publication and are subject to further revision.  
**Ticket required to attend session (no fee), F = Additional fee and ticket required.
<table>
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<tr>
<th>Time</th>
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</table>
| 10:15 am – 12:15 pm | Symposium B (French)  
Physical Activity for Older Persons (Chair: Dr. Louis Bherer)  
Physical Activity, Cognition and Psychological Well-Being in Sedentary Frail Older Persons (Authors: Louis Bherer, Francis Langlois, M Ianit Renaud)  
Physical Activity, Mobility, Obesity, and Aging (Dr. Martin Brochu)  
Aging, Physical Activity, Diabetes, and Coronary Disease (Dr. Pierre Boulay) | R gence – Plenary |
| 12:15 pm – 1:30 pm | Lunch Satellite Symposium – Sponsored by Novartis Pharmaceuticals Canada Inc.**  
A New Era in the Treatment of Alzheimer’s Disease (Dr. George Grossberg) | Cartier A–B |
| 12:15 pm – 1:30 pm | Lunch | Foyer |
| 1:30 pm – 2:20 pm | Plenary Session (Chair: Dr. Marie-Jeanne Kergoat)  
Chronic Disease and Aging: A Global Challenge (Dr. Howard Bergman) | R gence – Plenary |
| 2:20 pm – 3:10 pm | Metabolic and Functional Aspects of Aging Muscle (French)  
(Dr. Patrick Dehail) | Foyer |
| 3:10 pm – 3:30 pm | Break | Foyer |
| 3:30 pm – 5:30 pm | Symposium C  
Urinary Incontinence: A Focus on the Older Woman (Chair: Dr. Cara Tannenbaum)  
Introduction (Dr. Cara Tannenbaum)  
What Type of Incontinence Does My Female Patient Have?  
An Evidence-based Approach (Dr. Jayna Holroyd-Leduc)  
Conservative Management of Urinary Incontinence for Older Women:  
A Combination of Research Findings and Clinical Experience (Dr. Chantal Dumoulin)  
New Drugs for Urinary Incontinence: Which One Should I Choose for My Patient?  
A Review of Efficacy Studies and Side Effect Profiles in the Elderly (Dr. George Kuchel) | Cartier A–B |
| 3:30 pm – 5:30 pm | Symposium D (Bilingual)  
Longitudinal Studies on Aging (Chair: Dr. Highton Payette)  
NuAge, a Longitudinal Study on Nutrition and Successful Aging (Dr. Highton Payette)  
Longitudinal Data: Are You Serious? (Dr. Francois B land)  
The Canadian Longitudinal Study on Aging:  
A Research Imperative (Dr. Christina Wolfson)  
Sarcopenia and Physical Functioning: Results From Longitudinal Studies (Dr. Marjolaine Visser) | R gence – Plenary |
| 5:30 pm – 6:45 pm | CGS Poster Session and Reception (see Abstracts, pages 32) | R gence – C |
| 7:15 pm – 9:15 pm | CGS Dinner for graduate students, fellows, residents and medical students**  
(Buffet provided) | St. Charles |
| 7:15 pm – 9:15 pm | Symposium Sponsored by an Association  
Canadian Society for the Study of the Aging Male (CSSAM)**  
Testosterone Deficiency in Males: Concepts and Myths (Moderators: Dr. Irwin Kuzmarov, Dr. Jerzy Gajewski)  
Testosterone Deficiency In Males—An Overview (Dr. Alvaro Morales)  
Testosterone and Prostate Health (Dr. Gerald Brock)  
Testosterone and Sexuality (Dr. Jay Lee)  
Testosterone and the Metabolic Syndrome (Dr. Robert Hudson)  
Testosterone and the Heart (Dr. Juan Carlos Monge) | Cartier A–B |
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<td>Breakfast Satellite Symposium – Sponsored by Merck Frosst Canada Ltd.*</td>
<td>Cartier A–B</td>
</tr>
<tr>
<td></td>
<td>Type 2 Diabetes in the Elderly (Dr. Graydon Meneilly)</td>
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</tr>
<tr>
<td>7:30 am – 8:05 am</td>
<td>Continental Breakfast</td>
<td>Foyer</td>
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<tr>
<td>8:05 am – 8:15 am</td>
<td><strong>Opening Remarks: Program Highlights</strong> (Dr. Jos Morais) (Session Chair: Dr. Christopher Frank)</td>
<td>R gence – Plenary</td>
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<tr>
<td>8:15 am – 9:05 am</td>
<td><strong>Plenary Speaker:</strong> Biomarkers in Aging Research (Dr. Luigi Ferrucci)</td>
<td>R gence – Plenary</td>
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<tr>
<td>9:05 am – 9:55 am</td>
<td>Speaker of the Royal College of Physicians and Surgeons of Canada Geriatric Syndromes (Dr. George Kuchel)</td>
<td>R gence – Plenary</td>
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<tr>
<td>9:55 am – 10:15 am</td>
<td>Break</td>
<td>Foyer</td>
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</tbody>
</table>
| 10:15 am – 12:15 pm| **Symposium E:** Immunology and Immunization: Controversy and Evidence for Geriatricians (Chair: Dr. Tam s Ful p)  
Review of Immunosenescence (Dr. Tam s Ful p)  
Immunosenescence and Infectious Diseases in the Elderly (Dr. Steven Castle)  
Immunologic Correlates of Protection: How Well Do They Predict Vaccine Effectiveness? (Dr. Janet McElhaney) | Cartier           |
| 10:15 am – 12:15 pm| **Symposium F:** Dementia (Chair: Dr. Nahid Azad)  
Gender Differences in Dementia (Dr. Nahid Azad)  
Update on Anti-Amyloid Strategies for Alzheimer’s Disease  
Dementia Risk Factors (Dr. Peter Zandi) | R gence-Plenary   |
| 12:15 pm – 1:30 pm| Lunch                                                                                          | Foyer             |
| 1:30 pm – 3:00 pm| **Oral Paper Sessions** (see Abstracts, pages 67)  
Thompson, CIHR-IA R jean H bert and Kaufman Prizes  
(Chair: Dr. Christopher MacKnight)  
Oral podium presentations by graduate students, fellows, residents and medical students | Cartier A–B       |
| 1:30 pm – 3:00 pm| **Symposium G (Bilingual): Therapeutic Appropriateness in Long Term Care**  
(Chairs: Dr. Marcel Arcand, Suzanne Gilbert)  
Medication for Prevention Near the End-of-Life (Dr. Marcel Arcand, Suzanne Gilbert)  
Objectives of Care and a Case by Case Approach (Dr. Nathalie Champoux, Dr. Suzanne Lebel)  
How Can Inappropriate Hospital Transfer of Long Term Care Residents Be Avoided? (Dr. Janet Gordon) | R gence-Plenary   |
| 3:00 pm – 3:15 pm| Break                                                                                          | Foyer             |
| 3:15 pm – 5:00 pm| **Oral Paper Sessions:** Thompson, CIHR-IA R jean H bert and Kaufman Prizes  
(Chair: Dr. Christopher MacKnight) (see Abstracts, page 67)  
Oral podium presentations by graduate students, fellows, residents and medical students | Cartier A–B       |
| 3:15 pm – 5:00 pm| **Symposium H:** Osteoporosis (Chair: Dr. Suzanne Morin)  
Osteoporosis in the Elderly: Burden of Disease and General Management (Dr. Suzanne Morin)  
New Therapeutic Advances in Osteoporosis (Dr. Richard Kremer)  
Zoledronic Acid and Clinical Fractures and Mortality After Hip Fracture (Dr. Alexandra Papaioannou) | R gence-Plenary   |
| 5:15 pm – 5:25 pm| **Oral Presentation Prizes:** Graduate students, fellows, residents and medical students (Chair: Dr. Christopher MacKnight) | R gence-Plenary   |
| 7:30 pm – 10:00 pm| CGS Annual Dinner** (F) Canadian Centre for Architecture                                      | See page 17 for details |