

# EDUCATION IS CHANGE

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*Research is Understanding*

The Wilson Centre Annual Report 2010  
(printer friendly version)



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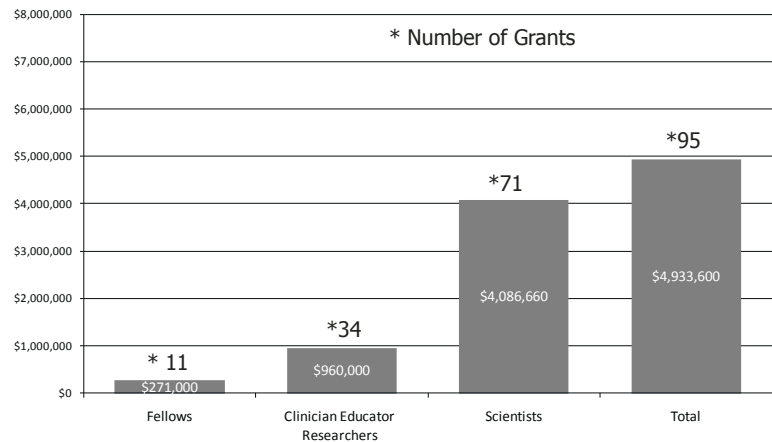
# 2010 Wilson Centre Annual Report

## DIRECTOR'S REPORT

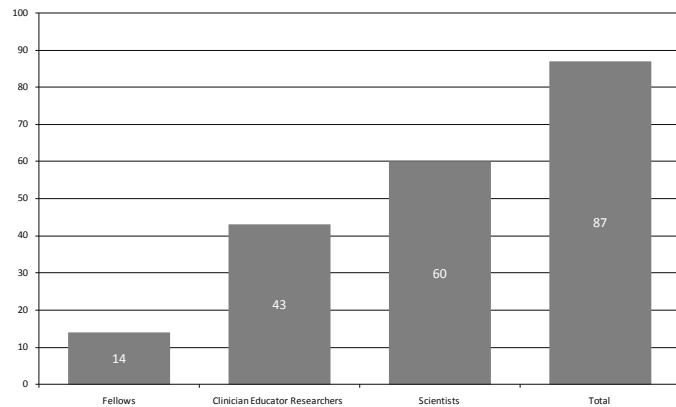
It's my great pleasure to present to you the 2010 Wilson Centre Annual Report. I would first like to warmly thank Dr. Heather Carnahan who was Acting Director from the summer of 2009 until June 2010 while I was on sabbatical leave in France. Dr. Carnahan did an excellent job leading the Centre in my absence and I am very grateful to her. The Wilson Centre has enjoyed another year of extraordinary accomplishments in 2010. Several new members were appointed and some of our leadership positions changed hands. Dr. Carnahan was appointed the BMO Chair in Health Professions Education Research in April 2010. Drs. Mathieu Albert and Adam Dubrowski were promoted to the rank of Associated Professor. Our wonderful new Richard Currie Fellowship Program came to fruition; and the first two Currie Fellowships were awarded to Sarah Whyte and Saroo Sharma for the 2010-2011 year; and the first international competition for the 2011 Currie Fellowship was subsequently launched.

Once again the research productivity of the Wilson Centre is exceptional with 95 grants totalling nearly 5-million dollars of peer-reviewed funding. A total of 87 peer-reviewed publications and 234 presentations top off this year. Our wonderful Research Day has been renamed The Richard Reznick Wilson Centre Research Day. This event will be the target for a major fund raising campaign with the Toronto General and Toronto Western Foundation to fully endow the most important activity in the life of the Wilson Centre. The Wilson Centre remains enormously grateful to Dr. Reznick for founding the Centre and we are very pleased to support the annual research day in his honour.

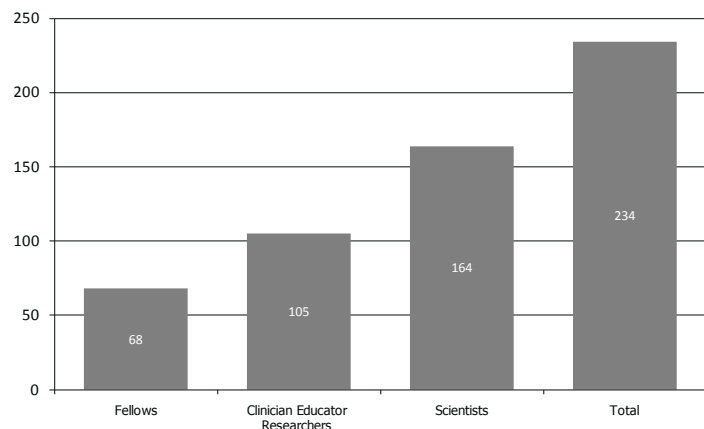
### Grant Capture



### Publications



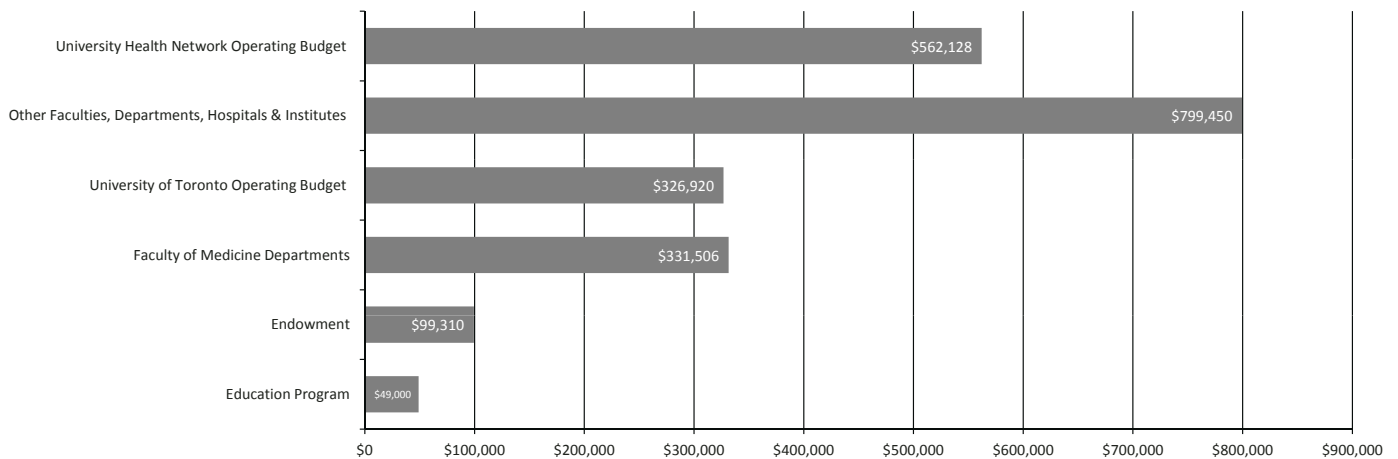
### Presentations



# 2010 Wilson Centre Annual Report

## DIRECTOR'S REPORT

We welcomed a series of visiting scholars from around the world including Dr. Nancy Theberge from the University of Waterloo, Dr. Laura Dempster from our own Faculty of Dentistry, Dr. Carol Anne Courneya from the University of British Columbia, Dr. Pierre Pottier from the University of Nantes in France, Dr. Li Jing from China, and Drs. Atalay Alem and Teshome Shibre from Ethiopia. The Scientist ranks of the Wilson Centre expanded with the addition of Drs. Carol-anne Moulton, Ayelet Kuper and Simon Kitto. In the newly created Adjunct Scientist category, Dr. Maria Mylopoulos was appointed in February 2010 and Dr. Shiphra Ginsburg in November 2010. As well, Dr. Vicki LeBlanc, the Associate Director of the Wilson Centre, shifted her appointment to a joint position with the University of Toronto, Faculty of Dentistry. We welcomed two new Clinician Educator Researchers, Drs. Jerry Maniate and Andrea Donovan. Our Fellowship ranks have also grown again and these new members of our community are shown in the Fellowship section of this report.



Details of our funding are presented in the graphs in this report. The core operating budget of the Centre continues to come from the University of Toronto Faculty of Medicine and the University Health Network, though these are increasingly supplemented by contracts directly with various departments in the Faculty of Medicine as well as other University of Toronto departments, hospitals and institutes across the TAHSN network. The attainment of the Currie Fellowship this year brings us to a total of 6-million dollars in endowed funds, another source of funding which is becoming an important component of the Centre's support. We are also generating revenue from the popular Wilson Centre Atelier series and this will continue to expand in coming years. Despite the financial challenges of the economy in general and of our partner organizations in recent years, the Wilson Centre has remained on very solid financial footing.

In 2010 I was appointed Vice President Education for the University Health Network, the portfolio to which the Director of the Wilson Centre reports on the hospital side. This is an exciting challenge for me but also bittersweet in that I will leave the position of Director of the Wilson Centre in the year 2011/2012, a little more than one year ahead of the end of my second 5-year term. Thus, 2011 will be a busy year in continuing to support the strong growth of productivity at the Wilson Centre on one hand and preparing for this important transition on the other.

I hope you enjoy our annual report and I am very grateful to all the members of the Centre for their contributions.

Yours Sincerely,  
Brian Hodges

# SCIENTISTS

## **Mathieu Albert PhD**

Associate Professor, Department of Psychiatry

Sociology of Health Professions and Sciences

Dr. Albert's current research projects study scientific knowledge production in health research and in the field of medical education research. The goal of his project on health research is to understand the dynamics of competition and collaboration between biomedical scientists, clinical scientists and social scientists in the emergent interdisciplinary health research field in Canada. The goal of his project on medical education research is to analyze current debates within the domain regarding the forms that research should take and the roles it should play. His work also focuses on the political dimension of knowledge production.

**Research Funding:** CIHR, SSHRC

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## **Heather Carnahan PhD**

Professor, Department of Occupational Science and Occupational Therapy

Psychomotor Skills and Health Professions

Dr. Carnahan's research activities focus on the application of principles from the field of motor learning to the training of health professionals. In addition to her basic science work addressing theoretical development regarding the role of haptic (touch) information in the control and learning of manual tasks, she is involved in studying the use of simulation for training technical clinical skills. Work within her lab has shown that the theoretical models that have been established in the fields of kinesiology and psychology are generalizable to the learning of more complex skills that are acquired in the clinical domain. These principles are applied to simulation-based education.

**Research Funding:** CIHR, NSERC, American Society for Gastrointestinal Endoscopy

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## **Adam Dubrowski PhD**

Associate Professor, Department of Paediatrics  
Educator Researcher at the SickKids Learning Institute

Simulation-Based Education

Dr. Dubrowski's research involves studying the acquisition of complex clinical skills, behaviours and attitudes by learners when engaged in simulation-based education. Dr. Dubrowski's current research activities include three main areas: (1) exploring conditions of practice that optimize simulation-based education in health professions, (2) using virtual learning environments in simulation-augmented education, including educational networking and serious and educational games, and (3) validating assessment methods that will enable us to measure the effect of the above manipulations on the development of skills, behaviours and attitudes in health professionals.

**Research Funding:** NSERC, CIHR, MOHLTC, RCPSC, PSI Inc.

# SCIENTISTS

## **Brian D. Hodges MD, PhD, FRCPC**

Professor, Department of Psychiatry  
Director and Scientist, The Wilson Centre  
Richard and Elizabeth Currie Chair in Health Professions Education Research

Evaluation, Globalization and Discourses of Competence in the Health Professions

Dr. Hodges' research focuses on using Foucauldian-inspired discourse analysis to study the nature and construction of various aspects of health professional education and practice: competence, assessment, professionalism, and globalization. He led the national undergraduate environmental scan for the Future of Medical Education in Canada project and is an advisor to the postgraduate phase. He is currently undertaking a 3-year SSHRC-funded project together with colleagues at McGill University to study the discourses of excellence and equity in Canadian medical schools admissions processes. He is an active teacher and speaker, both in Toronto and internationally, on qualitative methods, discourse analysis and various dimensions of competence, assessment and globalization.

**Research Funding:** SSHRC, Health Canada, AFMC, AMS

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## **Jodi Herold BHSc(PT), PhD**

Assistant Professor, Department of Medicine  
Evaluation Research Scientist & Coordinator, Undergraduate Medical Education

Assessment and Evaluation of Clinical Competence

Dr. Jodi Herold's work focuses on performance-based assessment of clinical competence. She has worked with a number of faculty and clinician educators to develop and adapt assessment methodologies that evaluate various components of clinical competence. Past projects have included adaptation of the mini-CEX evaluation format to the construct of professionalism and adaptation of the OSCE format to assess "non-Expert" CanMEDS roles. Most recently, she received a grant from the Medical Council of Canada to develop an evaluation method that employs written profiles of student performance developed to capture multiple dimensions or components of competence. Dr. Herold has taught courses on the assessment of clinical competence at OISE and the University of Toronto. In addition to publishing and presenting in the medical education and measurement domains, she has worked with credentialing and evaluation agencies in numerous health professions on the development, validation and ongoing quality assurance of performance-based assessments of clinical competence.

**Research Funding:** MCC

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## **Simon Kitto PhD**

Assistant Professor, Department of Surgery  
Scientist, Keenan Research Centre, Li Ka Shing Knowledge Institute of St. Michael's Hospital  
Director of Education Research, Office of Continuing Education and Professional Development, University of Toronto  
Senior Lecturer, Department of Surgery, Monash University  
Visiting Scholar, Medical Case Centre, Karolinska Institutet

Sociology of Knowledge Translation

Dr. Kitto is a sociologist who has been working in medical education research since 2002. His research interests range from evidence-based surgery through to professionalism. His current work focuses on a Sociology of Knowledge Translation (SKT) which emphasizes the importance of analyzing processes (the relational production of new knowledge and clinical practices between KT practitioners and their communities) and contextual factors (i.e. culture, history, structure) in knowledge translation activities.

## SCIENTISTS

### **Ayelet Kuper MD DPhil FRCPC**

Staff Physician, Sunnybrook Health Sciences Centre  
Assistant Professor, Department of Medicine

Critical Histories of Medical Education Research

In 2010, Dr. Kuper continued her sociohistorical analysis of struggles for disciplinary and epistemological legitimacy in the field of medical education research. She complemented this textual analysis of historical contingencies by addressing their contemporary ramifications within the medical training process, including gaps in current formal medical curricula and various aspects of medicine's hidden curriculum. She also worked to advance the local use of narrative and the humanities in medical education. She regularly teaches about qualitative methods to local and international audiences.

**Research Funding:** SSHRC, EDF

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### **Vicki LeBlanc PhD**

Associate Director and Scientist, The Wilson Centre  
Assistant Professor, Department of Medicine, Faculty of Dentistry & Factor-Inwentash Faculty of Social Work

Influence of Stress on Performance and Learning

Dr. LeBlanc is working with colleagues and students to explore the effects of acute stressors on subjective and physiological responses, on performance, and on team interactions in the domains of paramedic services, police services, trauma resuscitations, paediatric resuscitations, critical care, and social work. To date, her research projects have investigated the impact of acute stressors during in-training examinations and during high-fidelity simulations. By understanding how, when, and why stress impacts health professionals and emergency workers, she will be able to target training initiatives and technological support where they are most likely to provide a benefit. Dr. LeBlanc's secondary program of research aims to explore the effectiveness of simulation for training and assessment.

**Research Funding:** CIHR, SSHRC, PSI Inc., MOHLTC

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### **Carol-anne Moulton MB:BS, MEd, PhD, FRACS**

Staff Surgeon, University Health Network  
Assistant Professor, Department of Surgery

Judgment and Self Monitoring in Practice

In 2010, Dr. Moulton built on her PhD thesis research in the field of surgical judgment and decision-making specifically focusing on how psychosocial factors might influence the individual surgeon. Employing a phenomenological approach, Dr. Moulton explores the experiences of surgeons in the decisive moments of practice. Her work provides a vocabulary for understanding the psycho-social dimensions of surgical practice and contributes to a better understanding of the personal causes of surgeon error. Her ongoing clinical activities as a hepatobiliary surgeon and teacher provide a unique perspective for exploring her studies.

**Research Funding:** PSI Inc., MRI

# SCIENTISTS

## Scott Reeves PhD

Associate Professor, Department of Psychiatry

Director of Research, Centre for Faculty Development, St Michael's Hospital

Scientist, Li Ka Shing Knowledge Institute of St Michael's Hospital

Editor-in-Chief, Journal of Interprofessional Care

### Interprofessional Education and Practice

Dr. Reeves continues his work developing the empirical base for interprofessional education (IPE) and interprofessional collaboration (IPC) through a number of primary research studies based across a range of clinical and educational contexts. He also maintains a focus on developing the theoretical base for the interprofessional field through the use of sociological perspectives. He continues to undertake consultation work with a number of health and educational organizations locally, nationally and internationally, as well as provide mentorship and supervision to colleagues and graduate students.

**Research Funding:** CIHR, RCPSC, Ontario Ministry of Health and Long Term Care, School of Health Sciences, Humber Institute of Technology & Advanced Learning, Canadian Paediatrics Society, Canadian Patient Safety Institute, Holistic Health Research Foundation

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## Nicole Woods PhD

Assistant Professor, Department of Surgery

Director, Education Evaluation, Department of Surgery

### Learning and Memory in the Health Professions

Dr. Woods' most recent work examines the interaction between basic science knowledge and clinical knowledge in clinical reasoning. Applying principles from cognitive psychology to health professions education, she has developed a program of research that examines how theoretical knowledge and clinical features can be integrated during undergraduate training. This work has expanded from laboratory studies to include efforts towards translating experimental findings into sound educational practice. Ongoing projects include efforts to better understand the retention of clinical skills after a period of absence from practice and the use of tests to improve student memory and diagnostic performance. Dr. Woods is currently expanding her program of research to address issues related to self-regulated learning and the ability of trainees to identify those forms of knowledge that are most relevant to their future goals.

**Research Funding:** MCC, RCPSC

# ADJUNCT SCIENTISTS

## **Shiphra Ginsburg MD, MEd, FRCPC**

Staff Physician, Mount Sinai Hospital  
Associate Professor, Internal Medicine (Respirology)

### Defining and Evaluating Professionalism

Dr. Ginsburg's primary research program is focused on understanding and evaluating professionalism in medical education using qualitative methods (grounded theory) and mixed methods research. This work is continuing and extending into the practicing clinician domain. A second line of research involves understanding how clinical supervisors conceptualize and evaluate the clinical competence of their learners, again using mixed methods. Other research interests and areas of collaboration include the development of professional development and identity formation and education scholarship. Dr. Ginsburg participates in professionalism initiatives at the local, national and international levels, and serves as Deputy Editor at the journal *Medical Education*, and as a Fellow on the Editorial Board of *Academic Medicine*. She is the current Kimball Scholar at the American Board of Internal Medicine.

Dr. Ginsburg serves as Director of the Eliot Phillipson Clinician-Educator Training Program in the Department of Medicine and is Co-Director of the Centre for Faculty Development's new certificate course "CoFER" (Core Foundations in Education Research). In her roles for the department, Dr. Ginsburg enjoys mentoring other faculty members in the development of their own research and scholarship.

**Research Funding:** RCPSC, NBME, MCC, the American Board of Internal Medicine, and the Education Development Fund

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## **Maria Mylopoulos PhD**

Assistant Professor, Department of Paediatrics  
Education Researcher, SickKids Learning Institute

### Development and Maintenance of Expertise

Dr. Mylopoulos' research program explores the development and maintenance of expertise in healthcare, with a particular focus on how knowledge is constructed by practitioners through the everyday activity of innovative problem solving. The goal of her research is to evolve our understanding of the cognitive and meta-cognitive processes that underpin this form of innovation as it occurs in real-world contexts, using theoretical frameworks of adaptive expertise, knowledge building and cognitive anthropology. Current research projects include exploring the construct of 'team adaptive expertise', investigating the process of 'innovating' in the OR context and exploring the phenomenon of 'performance improvement' over time. Through ongoing collaborations, Dr. Mylopoulos is expanding the scope of her research program to address issues in the areas of learning transfer, informal self-regulated learning, team learning and constructions of competence.

**Research Funding:** Paediatric Consultant Research Grants, Dean's Education Fund New Staff Grant, AFMC-SCCME CME/CPD Research Fund

# CLINICIAN EDUCATOR/RESEARCHERS

## **Andrea Donovan MD, FRCPC**

Dr. Donovan is a Musculoskeletal Radiologist and an Assistant Professor in the Department of Medical Imaging at Sunnybrook Health Sciences Centre. She received her MD from the University of Ottawa in 2002 and then completed radiology residency training at the University of Toronto and a musculoskeletal radiology fellowship at New York University, Hospital for Joint Diseases. She joined the radiology faculty in 2008. Dr. Donovan is active in medical education and also in musculoskeletal imaging research. She completed the 2 year longitudinal Master Teacher Program at the University of Toronto and is currently pursuing a Master's degree in Medical Education (MEd) through the University of Dundee. Dr. Donovan's interests in medical education include professionalism, mentorship, and resident teaching skill development. She received funding from the Canadian Medical Association to study the role of mentoring relationships in residency training. Dr. Donovan was funded by the Radiological Society of North America to study the need for resident-teacher training in radiology. She was the recipient of the 2011 AUR Whitley Award for her work in the area of resident teaching skills. Dr. Donovan holds a University of Toronto Dean's Fund to study professionalism issues specific to radiology residency training.

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## **Jerry Mathew Maniate MD, MEd, FRCPC**

Dr. Maniate studied at the University of Manitoba where he completed his undergraduate and subsequently his postgraduate (Internal Medicine & Medical Oncology) medical education. He completed a Master's of Education (Health Profession) at the OISE/UT and was the inaugural Joint Fellow at the Wilson Centre and the Centre for Faculty Development (CFD). Dr. Maniate is currently working at St. Joseph's Health Centre (Toronto) in the Section of Haematology/Oncology, Department of Medicine and is an Assistant Professor in the Faculty of Medicine at the University of Toronto. He is also an Academic Educator through the CFD and is active with faculty development. Dr. Maniate is actively involved in numerous administrative / leadership activities at the University of Toronto but also nationally as a member of the Steering Committee for the AFMC Future of Medical Education in Canada Postgraduate Project, a member of the Collaborative Advisory Committee on Intra-Professionalism (CACI), and a member of the Canadian Association for Medical Educators (CAME) Executive Committee. Dr. Maniate is currently working in two main, yet intertwining areas of scholarship: 1) exploring the intended and unintended effects of globalization on medical education systems including (but not limited to) accreditation, assessment, governance, curriculum and health human resources planning; and 2) understanding medical professionalism through other perspectives. In recognition for his active involvement in education and clinical activities, Dr. Maniate was a recipient of the 2011 St. Joseph's Health Centre, Legend Award – Excellence.

## 2010 Wilson Centre Annual Report

# RESEARCH FELLOWS

### **Mariam Baghdady BDS, MSc**

is a PhD candidate at the University of Toronto Faculty of Dentistry. Mariam received her Bachelor of Dental Surgery in 2003 from the Faculty of Dentistry at King Abdul-Aziz University, Jeddah, Saudi Arabia. She is currently a scholarship student from Kuwait University. Her work with the Wilson Centre began when she started her specialty training in Oral and Maxillofacial Radiology in 2005. She studied the role of basic science education in oral radiology. She received her MSc in Oral and Maxillofacial Radiology in 2008. She is currently a fellow at the Wilson Centre as a PhD Candidate and continues to study the role of basic science knowledge in enhancing clinical performance with her supervisor Dr. Nicole Woods.

### **Jeannine Girard-Pearlman Banack BScN, FACHE, MEd**

is a PhD candidate in the Higher Education, Health Professional Education program at OISE, University of Toronto. She is also the Course Director for the Ambulatory Community Experience (ACE), part of the core curriculum for final year medical students at the Faculty of Medicine, University of Toronto. Her research interest lies in medical education and her research focuses on how advocacy can be used to support the social responsibility of medical schools and deal with health disparities in Canada.

### **Ereny Bassilious BScPT, FRCPC, FAAP**

is a candidate in the Masters of Health Professions Education program at the University of Illinois at Chicago. She is also a Fellow in pediatric endocrinology at the Hospital for Sick Children. Her research interest lies in technology enhanced patient and health professions education.

### **Elly Berger MD, FRCPC**

graduated from The University of Toronto, Faculty of Medicine in 2004 and completed her Pediatric Residency training in 2008. She is currently a Pediatric Academic Fellow at The Hospital for Sick Children. She is pursuing her Masters Degree in Health Professions Education at The University of Illinois in Chicago. Her research focuses on the CanMeds role of collaborator and the ways in which this role can best be taught and evaluated. In the clinical setting, she is also working on a portfolio-based assessment model for fellows using CanMeds roles as a guide.

### **Ruth Campbell HBSoc**

is pursuing a Master's of Science at the Department of Health Policy, Management and Evaluation at the University of Toronto. Her thesis explores the experience of landed immigrants, refugees and people without status seeking access to healthcare in Toronto. This research project is the first academic study in North America to apply qualitative research techniques towards understanding the challenges that people without status face when accessing healthcare. Ruth has a strong interest in global health formed through her work experiences in Taiwan, Myanmar, New Zealand and as an ambassador for the Chinese Family Planning Association. Ruth is supported by a Social Sciences and Humanities Research Award of Canada.

## 2010 Wilson Centre Annual Report

# RESEARCH FELLOWS

### **Carole Chatalalsingh RD, MA**

is an Education Research Fellow advancing healthcare education and practice through research at the Wilson Centre. She is also a PhD candidate in the department of Adult Education at Ontario Institute for Studies in Education, University of Toronto. Her PhD research seeks to understand the nature of clinical team leadership as a form of everyday work and to explore how these leaders are organized to influence team learning and interprofessional practice. Carole is a registered dietitian by profession and sessional faculty at Ryerson University in the School of Nutrition.

### **Ian Choy BEng MD**

completed his medical training at McMaster University in 2007. He is a General Surgery resident currently in the Surgical Scientist Program at the University of Toronto. Ian is completing a Masters of Education at the Ontario Institute of Studies in Education Department of Theory and Policy Studies. His Wilson Centre fellowship is under the supervision of Dr. Richard Reznick, Dr. Brian Hodges, Dr. Simon Kitto and Dr. Allan Okrainec. The focus of his research is on the use of telesimulation in training surgeons in developing countries to perform laparoscopic surgical skills and the barriers to knowledge translation in these settings.

### **Clare M. Hutchinson MDCM**

graduated from McGill University Faculty of Medicine in 2004. She completed residency in Pediatrics in 2007, and Pediatric Rheumatology fellowship at the Hospital for Sick Children in 2009. She is currently pursuing a Masters of Health Professions Education through the University of Illinois at Chicago. Her research focuses on how best to teach and evaluate postgraduate trainees in the Pediatric musculoskeletal examination.

### **Sandra de Montbrun MD, FRCSC**

received her Honours Bachelor of Science from the University of Waterloo in 2000 and received her MD from the University of Toronto in 2004. She completed her postgraduate training in General Surgery at Dalhousie University and has recently completed her clinical year of Colorectal Surgery subspecialty training at the University of Toronto. She is now pursuing a Masters of Education with the Ontario Institute for Studies in Education at the University of Toronto and is also a Fellow of the Wilson Centre for Research in Education. Her research interests include the assessment of technical skills and surgical simulation.

### **Mahan Kulasegaram BHSc**

is a PhD candidate at the Health Research Methodology program at McMaster University. His research focuses on transfer, specifically how instructions, practice, and the context of learning affect cognitive processes necessary for application of knowledge. Additional interests also include the role of basic sciences in enabling clinical learning and the assessment of non-cognitive ability for admissions.

## 2010 Wilson Centre Annual Report

# RESEARCH FELLOWS

### **Ambrose Lau MD, FRCPC**

obtained his medical degree from the University of Western Ontario in 2005 before completing a residency in Internal Medicine at the University of British Columbia in 2008 and a Respiriology residency at the University of Toronto in 2010. He is a clinical assistant at the University Health Network in the Division of Respiriology. With the support of the Department of Medicine Clinician Educator Training Program, Ambrose is pursuing a Master of Education degree at OISE. The focus of his research is on the acquisition and retention of expertise in technical skills during medical training.

### **Wendy McGuire MSW**

is a Post-Doctoral Fellow at the Wilson Centre through the Department of Psychiatry (University of Toronto) Research Scholarship and Innovation in Education (RISE) program. Wendy applies a critical social science perspective to the study of knowledge production and translation in the field of health and health education. Her PhD research, based at the Dalla Lana School of Public Health, University of Toronto, examines the responses of basic health scientists towards shifting priorities in science funding and the blurring of boundaries between science, government and industry.

### **Fuad Moussa MD, MSc, FRCSC, FCCP, FACS**

after obtaining BSc, MSc, and MD degrees from McGill University, he went to The University of Miami/Jackson Memorial Hospital and completed residencies in General Surgery and Cardiothoracic Surgery. He came to The University of Toronto/Sunnybrook Health Sciences Centre and became a Clinical Associate in the Division of Cardiac and Vascular Surgery. He has recently been appointed to a full staff position. Clinical interests include beating-heart and minimally invasive cardiac surgery as well as vascular surgery, thoracic surgery and pacemakers. He is in the process of completing a master's degree in Medical Education through University of Dundee and has joined the Wilson Centre under Dr. Adam Dubrowski with a focus on developing simulation in cardiac surgery as a method for training and assessment.

### **Laura Musselman MD, MEd, FRCSC**

graduated from medicine at McMaster University (1999). She completed both her residency training in General Surgery (2006) and a fellowship in General Surgical Oncology (2008) at the University of Toronto. During her residency, she also received her Masters of Education (2003) from the Ontario Institute for Studies in Education (OISE) as a fellow at the Wilson Centre. Laura has now entered a PhD program in medical sociology at the Institute of Medical Sciences (IMS). Her work focuses on the changing demographics of medical students and its impact on surgery and surgical education.

### **Dominique Piquette MD, MSc, MEd, FRCPC**

obtained her MD degree at the University of Montreal in 2000. She then completed an internal medicine residency, followed by a fellowship in intensive care medicine. In 2005, she completed a clinical fellowship in adult critical care at the Sunnybrook Health Sciences Centre. She then became a fellow at the Wilson Centre and completed a Master in Medical Education at OISE in 2008. In September 2008, she started the PhD degree through the Institute of Medical Science, with an ongoing research interest for the improvement of acute resuscitative skills teaching to the residents. Dr. Piquette joined the Department of Critical Care of Sunnybrook as an intensivist in July 2007.

## 2010 Wilson Centre Annual Report

# RESEARCH FELLOWS

### **Saroo Sharma MBChB (MD), MMed (Cand)**

qualified from the University of Leicester Medical School, UK in 2003. After completing her internship and part of her anaesthesia residency, she moved to Canada in 2007, continuing her residency training at the University of Toronto. It was here that she explored further her ongoing interests in medical education and joined the Wilson Centre Fellowship program. Her research interests concern interprofessional collaboration, currently focusing on the role of the anaesthetist in the obstetric team. Saroo hopes that her current and future research will inform the design of evidence-based interprofessional education interventions, which will impact team collaboration and the delivery of safe patient care.

### **Walter Tavares BSc, ACP**

is a graduate of the Paramedicine HBS program at the University of Toronto and completed his Advanced Care Paramedic education at the University of Pittsburgh, Center for Emergency Medicine. He is currently the Paramedic Program Coordinator in the Health Studies Department at Centennial College and Ontario Director for the Society of Prehospital Educators of Canada. Walter is a graduate student at McMaster University in the Health Research Methodology program and is co-supervised by Dr. Vicki LeBlanc and Dr. Kevin Eva. His research interests include simulation strategies and the impact of acute stress on a clinical performance, decision-making and self-assessment as it applies to health professions education.

### **Anastasia (Stasey) Tobin BSc, MHSc**

is a PhD student at the Institute of Medical Science, University of Toronto. She received a BSc in clinical nutrition from the University of Western Ontario and a MHSc in Community Nutrition from the University of Toronto. Using an ethnographic approach and drawing from critical social theory, narrative research and science and technology studies, Stasey's research will explore the use of healthcare technology in the clinic and the home among families who have a child with cystic fibrosis. She plans to complete the PhD program in 2012. Stasey is supported by a CIHR Canada Graduate Scholarship and a CIHR Cross-STIHR Fellowship in Healthcare, Technology and Place at the University of Toronto.

### **Catharine Walsh MD, MEd, FRCPC**

graduated from the University of Toronto, Faculty of Medicine in 2003 and completed her general pediatrics training in 2006. Dr. Walsh received her Master of Education (Health Professions Education Specialization) from the Ontario Institute for Studies in Education, University of Toronto in 2009. Currently, Dr. Walsh is a fellow in pediatric gastroenterology at the Hospital for Sick Children. Supported by a CIHR Canadian Child Health Clinician Scientist Program Doctoral Award and a Department of Pediatrics Research Fellowship Award, she is pursuing a PhD degree through the Institute of Medical Science, University of Toronto, while completing an educational research fellowship at the Wilson Centre. Dr. Walsh's doctoral research is focused on the development and validation of a reliable measure to assess competency in gastrointestinal endoscopy in the clinical setting.

### **Bryce Weber BSc, MD, FRCPSC**

earned his Bachelor of Science at the University of Calgary and Medical Degree from the University of Alberta; he then completed a five-year residency in Urological Surgery at the University of Toronto. Subsequently, Dr. Weber enrolled in a fellowship in Pediatric Urology at the Hospital for Sick Children and developed a passion for Medical Education. Supported by a Royal College Fellowship in Medical Education Grant, he is undertaking a fellowship at the Wilson Centre as well as Masters Degree at the Institute of Medical Science. His fellowship research focuses on teaching surgical skills using a novel internet educational networking tool to extend learning opportunities and the effectiveness of simulation-based training.

## 2010 Wilson Centre Annual Report

# RESEARCH FELLOWS

### **Sarah Whyte BSc, MA**

is completing a PhD in English Language and Literature at the University of Waterloo. Her research taps the potential of rhetorical theories—and their traditional concern with knowledge, persuasive language, and ethics—for understanding how research from the sciences and humanities is produced, promoted, taken up and resisted in healthcare settings. This topic brings her educational background in Biomedical Science (BSc, University of Guelph) and English (MA, University of Waterloo) together with her professional experience in medical writing and educational research. Before beginning her PhD, Sarah worked as a research coordinator with Dr. Lorelei Lingard at the Wilson Centre. Following on that experience, her dissertation currently focuses on the promotion and study of team checklists in the operating theatre.

### **Camille Williams BAsc, MHSc**

completed degrees in Engineering Science and Clinical Engineering at the University of Toronto and is currently pursuing a PhD in Rehabilitation Science while undertaking a Wilson Centre fellowship. With the supervision of Dr. Heather Carnahan, her research is focused on the use of haptic guidance techniques for motor skill learning. This work will have application to the development of virtual reality simulators for training technical clinical skills as well as development of robotic therapies for physical rehabilitation.

### **Carilynne Yarascavitch DDS, MSc**

received her Doctor of Dental Surgery in 2004 from the University of Toronto Faculty of Dentistry. She began her Wilson Centre Research Fellowship in 2007 during her residency program in general anaesthesia, receiving her Masters in Dental Anaesthesia in 2008 and Specialist certificate in Anaesthesia in 2009. Carilynne continues her association with the Wilson Centre as a PhD Candidate. Her current project investigates the effects of acute stress on team performance during simulated patient crises in the context of medical emergencies in the dental office. Carilynne is also an ACLS Instructor with Sunnybrook Health Sciences Centre and a Clinical Instructor in the Discipline of Anaesthesia at the Faculty of Dentistry. She looks forward to a future leadership role in the field of Dental Education Research.

### **Boris Zevin MD**

completed medical education at the University of Toronto (2008). He is currently in his 3rd year of General Surgery residence at University of Toronto and pursuing a Master in Science degree at the Institute of Medical Science, University of Toronto with a focus in Medical Education. He is also a member of the Clinical Investigator Program at the Royal College of Physicians and Surgeons of Canada. Specific research interests are in the areas of technical skill assessment and self-guided learning in general surgery.

# 2010 Wilson Centre Annual Report

## EDUCATION EVENTS

### **Atelier Wilson Centre**

#### **Qualitative Research in Depth**

This workshop provided participants the opportunity to reflect on their research programs and grapple with challenges, potentials, controversies and diverse perspectives of qualitative inquiry. The program was designed for those with experience in conducting qualitative research and focused on methodology more than method.

Twelve participants honed their research skills in this dynamic and interactive program led by Mathieu Albert, Brian Hodges, Simon Kitto, Ayelet Kuper, Lorelei Lingard, Tina Martimianakis, Nancy McNaughton, Maria Mylopoulos, Sarah Whyte and the participation of Mariana Arteaga, Douglas Buller, Helen Caraoulanis and Clarissa Oleksiuk.

#### **SimONE and Atelier Wilson Centre**

SimONE (formerly the Network of Excellence in Simulation for Clinical Teaching and Learning) jointly with The Wilson Centre presented their 2nd annual course, on May 25-28, 2010, in Simulation-Based Research Refined, a four-day intensive course in simulation-based education research.

The workshop focused on guiding participants in developing improved understanding and skills in simulation-based research design and implementation. Through the course, participants developed all of the elements of a research study (research question, study design, data collection and analysis details) that advances the field of simulation, to a sufficient degree that it was ready to be implemented at their home institution.

Eleven participants attended this program led by Vicki LeBlanc, Adam Dubrowski, Brian Hodges, Pamela Morgan, Viren Naik, Kathryn Parker, Nancy McNaughton, and Walter Tavares.

### **The Richard K. Reznick Wilson Centre Research Day**

This annual event, held on October 22, 2010 was a successful event highlighting research in health professional education conducted by faculty and students affiliated with the Wilson Centre with 62 presentations (33 podium presentations and 29 poster sessions). This year, we have officially changed the name of this event in recognition of the contributions of Dr. Richard K. Reznick who founded the Wilson Centre and served as inaugural Director from 1996-2002. It was a unique opportunity to share and celebrate the remarkable depth and breadth of scholarship in health professional education underway at the University of Toronto and the University Health Network. Dr. Annmarie Adams from McGill University gave an engaging and provocative address entitled "Medicine by Design: Space and Place in Healthcare Research".

The Richard K. Reznick Research Award for best research paper was presented to Carole Chatalalsingh RD, MA, PhD(c) for her outstanding paper entitled, "Leading an Interprofessional Team Learning Practice". There was a tie for best poster presentation. The awards were presented to Camille Williams MHSc, BAsC for the poster entitled, "Evaluation of an Interactive Simulation for Personal Protective Equipment in Healthcare" and Kulamakan Kulasegaram BHSc for the poster entitled, "All Mixed Up: The Effect of Practice Context on Practice Mode for Transfer". Vicki LeBlanc PhD, Wilson Centre Scientist, received the Wilson Centre Mentorship Award 2009–2010 in recognition of outstanding individual mentorship in the Wilson Centre Fellowship Program.

# 2010 Wilson Centre Annual Report

## EDUCATION EVENTS

### Education Research Rounds

Rounds are a great opportunity to build a sense of community among the scholars and graduate students of the Wilson Centre. In 2010 the highest rated presentation was awarded to Dominique Piquette MD, Wilson Centre Fellow for the presentation entitled, "Closer level of clinical supervision during acute resuscitation episodes: beneficial for the patient, but what about the resident?" The year's Rounds schedule included:

#### January 18

"The competency movement in the health professions: ensuring consistent standards or reproducing conventional domains of practice?"

**Scott Reeves PhD**

Wilson Centre Scientist

"Matching trainees to standardized student profiles: Investigation of a scale-free approach to evaluating clinical performance"

**Jodi Herold PhD**

Wilson Centre Scientist

#### February 22

"Managing emotions: Constructing the "good" doctor"

**Nancy McNaughton MEd PhD (Cand)** Wilson Centre Fellow

"Interprofessional perceptions of the anesthetist - The story so far."

**Saroo Sharma MBChB (MD)** Wilson Centre Fellow

#### April 19

"Synthesizing the evidence base for faculty development: preliminary findings from a systematic review"

**Eileen Egan-Lee MEd** Education Research Associate, Centre for Faculty Development and **Scott Reeves PhD** Wilson Centre Scientist

"Analyzing healthcare documents: texts in their social contexts"

**Catherine Schryer PhD** Professor and Chair, Department of Professional Communication, Ryerson University, Wilson Centre Affiliated Scholar

#### May 17

"Collaborative patient-centred practice as the purpose of interprofessional education: exploring the meaning of patient-centredness across different professions"

**David Gachoud MD** Wilson Centre Fellow

"Design of an evidence-based comprehensive curriculum to teach laparoscopic colorectal surgery"

**Vanessa Palter MD** Wilson Centre Fellow

#### June 28

"Development of an assessment tool for the use of personal protective equipment in healthcare"

**Camille Williams BAsC(Hon), MHSc (Cand)** Clinical Engineering, Wilson Centre Fellow

"Identifying and Classifying Problem-Areas in Laparoscopic Skills Acquisition: Can Simulators Help?"

**Elisa Greco MD** Wilson Centre Fellow

#### September 20

"Creating a Team Learning Culture: A Social Situated Experience for Clinical Leaders"

**Carole Chatalalsingh RD, MA** Wilson Centre Fellow

"Deconstructing Professionalism: The Social Functions of Medical Professionalism"

**Steven Sovran MD** Wilson Centre Fellow

#### October 18

"Engineering-simulation innovations for medical education"

**Claudia Rueda, Camilo Moncayo, Sergio Gomez,** Faculty of Electronics Engineering, Pontificia Bolivariana University, Bucaramanga, Colombia

Students of Adam Dubrowski PhD, Wilson Centre Scientist

#### October 25 - Guest Presentation

Karolinska Institute, Centre for Medical Education, Stockholm, Sweden

1. "Research on knowledge practices with the Contextual Activity Sampling System"
2. "Developing a community of practice around teaching: a case study"
3. "Student approaches to achieving understanding - approaches to learning revisited"

**Dr. Charlotte Silén, Director of CME**

**Ms. Klara Bolander Laksov, Educational Developer**  
**Mr. Klas Karlgren, PostDoc**

#### November 15

"What's driving globalization in medical education? International admission processes in Poland and Romania"

**Marika Younker MD** Wilson Centre Member

"Can the sub-altern get in? Discourses of excellence, equity, and diversity in the admissions process"

**Saleem Razack MD FRCPC,** Associate Professor of Pediatrics, Core Member of the Centre for Medical Education, Assistant Dean of Admissions, Faculty of Medicine, McGill University

2010 Wilson Centre Annual Report  
**EDUCATION EVENTS**

**Collaborative Partners**

SIMone - Ontario Simulation Network	<a href="http://www.simulation-network.ca/">http://www.simulation-network.ca/</a>
The Joint Program in Knowledge Translation	<a href="http://www.stmichaelshospital.com/research/kt.php">http://www.stmichaelshospital.com/research/kt.php</a>
The Li Ka Shing Knowledge Institute at St. Michael's Hospital	<a href="http://www.stmichaelshospital.com/knowledgeinstitute/">http://www.stmichaelshospital.com/knowledgeinstitute/</a>
The Toronto Addis Ababa Academic Collaboration (TAAAC)	<a href="http://www.taaac.com/">http://www.taaac.com/</a>
The Toronto Addis Ababa Psychiatry Project (TAAPP)	<a href="http://www.utoronto.ca/ethiopia/">http://www.utoronto.ca/ethiopia/</a>
University of Toronto Centre for Faculty Development at St. Michael's Hospital	<a href="http://www.cfd.med.utoronto.ca/">http://www.cfd.med.utoronto.ca/</a>
University of Toronto Office of Interprofessional Education	<a href="http://ipe.utoronto.ca/">http://ipe.utoronto.ca/</a>
University of Toronto Standardized Patient Program	<a href="http://www.spp.utoronto.ca/">http://www.spp.utoronto.ca/</a>
University of Toronto Surgical Skills Centre	<a href="http://www.utoronto.ca/ssc/">http://www.utoronto.ca/ssc/</a>
University of Toronto Faculty of Medicine, Continuing Education and Professional Development	<a href="http://www.cepd.utoronto.ca/">http://www.cepd.utoronto.ca/</a>

## Visiting Professors

**Dr. Carol Ann Courneya**, a Wilson Centre Affiliated Scholar and an Associate Professor in the Faculty of Medicine at the University of British Columbia, started her relationship with the Wilson Centre on a sabbatical in 2009. The result was the launch this year of her textbook *Cardiac Physiology: A Clinical Approach* (Lippincott Wilkins and Williams). She continues to spend time each year at the Wilson Centre to foster collaboration and to engage in medical education scholarship.

**Dr. Laura Dempster** is a Wilson Centre Affiliated Scholar and an Assistant Professor in the Department of Biological and Diagnostic Sciences, Faculty of Dentistry, University of Toronto. She also is the inaugural holder of the Kamienski Professorship in Dental Education Research at the Faculty of Dentistry and was a Visiting Professor at the Wilson Centre as part of her sabbatical leave from July 2009 to June 2010. During the second half of her sabbatical year, she had the opportunity to spend time at the Wilson Centre and to be involved in many activities. Dr. Dempster worked in collaboration with Dr. Vicki LeBlanc to develop a series of research projects related to patient perceptions and student beliefs around dental anxiety, and the effects of anxiety and stress on student performance. She also joined Dr. LeBlanc's weekly lab group which addresses issues related to simulation in health profession education and has written 2 peer-reviewed papers which will be published in 2011.

**Dr. Li Jing**, an Associate Professor in the Department of Sports and Health, Nanjing Sport Institute, visited the Wilson Centre from May to November 2010. Her specialty is Traditional Chinese Medicine. During those six months she worked in collaboration with Dr. Heather Carnahan to investigate the unique features of expert acupuncture needling and twirling in order to develop acupuncture accreditation standards and promote the teaching of acupuncture skills. Data were collected from 24 participants (12 experts and 12 novices) and these data are currently being analyzed. An abstract on the preliminary findings from this research was presented as a poster at the Wilson Centre Research Day of October 2010. She also gave a verbal presentation on the topic of music therapy at the 42nd annual meeting of the Canadian Society for Psychomotor Learning and Sport Psychology, Ottawa. In addition, she has written 3 review papers that have already been submitted for publication.

**Dr. Pierre Pottier** is an internist and the coordinator of a young team of medical education researchers at the Université de Nantes, France since September 2007. Upon completing his Masters in Education Sciences, he reached the conclusion, based on qualitative work, that medical students expressed a high level of anxiety during ambulatory consultations and that this stress was likely to impair their clinical judgment. He spent the full month of June 2009 at the Wilson Centre developing a program of research in collaboration with Dr. Vicki LeBlanc. The planned research program was divided into 4 phases, consisting of three studies. The data collection for the first two studies was scheduled to take place from July 2009 to May 2010. During his second visit, in May and June 2010, he worked with Dr. LeBlanc's group to analyze the data from the first two studies and prepared two manuscripts for publication. In addition, he designed the methodology of a collaborative simulation-based research study looking at the impact of stress on the clinical reasoning of medical students in France and Canada.

**Dr. Nancy Theberge** visited the Wilson Centre from January through June 2010. She is a sociologist and Professor in the Department of Kinesiology at the University of Waterloo with a cross appointment in the Department of Sociology. Her research interests are in social aspects of injuries in sport and work and the sociology of professions, focusing on health professions working with musculoskeletal conditions. During her visit at the Wilson Centre she completed manuscripts on the professional practice of ergonomists and on gendered constructions of injuries in sport and work, and performed data collection for a Social Sciences and Humanities Research Council-funded study of social constructions of women's sports related injuries. She also worked with Dr. Heather Carnahan on an analysis of the similarities and contrasts in the development of Kinesiology and Medical Education as scientific disciplines that was presented at the Wilson Centre Research Day in October, 2010. They are continuing to work on this project in preparation for a journal submission. Dr. Theberge will present some of her research on health professions at the Wilson Centre for Excellence in Medical Education-hosted symposium Social Science Perspectives on Health Professions Education on May 6, 2011.

**Hélène Caillault (Visiting Student)** from Paris, France completed an elective at the Wilson Centre from February 15 to April 30, 2010 under mentorship from Christophe Segouin from Paris and Wilson Centre Affiliated Scholar, and members of the Wilson Centre globalization study team.

With the Toronto Addis Ababa Academic Collaboration (TAAAC <http://www.taaac.com>), led by Dr. Clare Pain, we continue to maintain close ties with colleagues in Addis Ababa University (AAU), Ethiopia. In 2010 we hosted two psychiatrists from Addis Ababa Medical School

**Dr. Atalay Alem** Psychiatrist, Professor of Psychiatry, Faculty of Medicine, Executive Director of The College of Health Sciences and Vice President of AAU is one of the three founders and coordinator of the first psychiatry residency program in Ethiopia and of Toronto Addis Ababa Psychiatry Project (TAAPP). In his new position, Atalay is the most senior leader at AAU closely involved with TAAAC.

**Dr. Teshome Shibre** graduated from Addis Ababa University, Gondar College of Medical Sciences July 1989. He obtained his PhD from Umea University, Sweden in 2002. He completed his Psychiatry Residency Training in 2005 as one of the first Toronto Addis Ababa Psychiatry Project (TAAPP) graduates. His research work has focused mainly on schizophrenia and bipolar disorder case identification methods in different cultural ethnic backgrounds, course and outcome and caregivers burden studies. During his 2010 Toronto TAAPP fellowship he was Clinical Fellow in Geriatric Psychiatry at Mount Sinai Hospital.

## 2010 Wilson Centre Annual Report

# INTERNATIONAL

## Where We Went

Academic Surgery Congress, San Antonio, TX  
Addis Ababa Medical School, Ethiopia  
American Board of Internal Medicine, Philadelphia, Pennsylvania  
Altogether Better Health V. Fourth International Conference, Sydney, Australia  
American Sociological Association annual meeting (ASA), Atlanta, Georgia  
American Society of Anesthesiologists' Annual Meeting, San Diego, CA  
American College of Surgeons meeting (ACS), Chicago, ILL  
American College of Surgery Clinical Congress, Washington, DC  
Anaesthesia and Critical Care Symposium, Royal College of Surgeons of Ireland, Killarney, Ireland  
Annual Congress of the Society of Laparoendoscopic Surgeons, New York, NY  
Association of Surgical Education (ASE), San Antonio, TX  
Association of American Medical Colleges, Washington, DC  
Association of University Radiologists, San Diego, CA  
Association for Medical Education in Europe, Glasgow, Scotland  
Canadian Anesthesiologists' Society Annual Meeting, Montreal, QC  
Canadian Association of Occupational Therapists Meeting, Halifax, NS  
Canadian Association of General Surgeons, Quebec City, QB  
Canadian Association for Social Work Education, Montreal, QB  
Canadian Conference for Medical Education, St Johns, NL  
Canadian Healthcare Safety Symposium. Halifax, NS  
Canadian Orthopaedic Association Meeting, Edmonton, AB  
Canadian Society for Psychomotor Learning and Sport Psychology, Ottawa, ON  
Centre for Medical Education, Queen Mary University of London, UK  
College of Family Physicians of Canada's Family Medicine Forum, Vancouver, BC  
Computer Assisted Radiology and Surgery Meeting, Geneva, Switzerland  
Department of Medical Education, University of Dundee, Scotland  
Faculty of Health Professions, University of New England, Portland, ME, USA  
Faculté de médecine, Université de Nantes, France  
5e Forum International Francophone de Pédagogie des Sciences de la Santé, Quebec City, QB  
14th Biennial Conference of the Rhetoric Society of America, Minneapolis, Minnesota  
Joint Social Work Education and Research Conference, University of Hutterfield, England, UK  
McGill University Faculty of Medicine, Centre for Medical Education, Montreal, QB  
National Primary Care Research Group Annual Conference, San Francisco, CA  
Niigata University of Health and Welfare, Japan  
Ottawa Medical Education Conference, Miami, FL  
Primary Care Research Group Annual Conference, San Francisco, CA  
Royal College of Physicians and Surgeons of Canada International Conference on Residency Education, Toronto, ON  
School of Social Work, Bar Ilan University, Ramat Gan, Israel  
School of Social Work, The Hebrew University, Jerusalem, Israel  
Society for Social Work and Research, San Francisco, CA  
Society for Simulation in Healthcare Meeting, Orlando, FL  
Society of Obstetric Anesthesia and Perinatology Annual Meeting, San Antonio, Texas  
Society for Prehospital Educators of Canada Conference, Halifax, NS  
Society for Social Studies of Science (4S), Tokyo, Japan  
2nd Annual Meeting of the Association of Surgical Education, Dublin, Ireland  
6th Annual Qualitative Health Research Conference, Vancouver, BC  
3rd International Paediatric Simulation Symposium, Madrid, Spain  
27th International Conference of the International Society for Quality in Healthcare, Paris, France  
Tokyo Metropolitan University, Japan  
The International Symposium on Haptic Audio-Visual Environments and Games, Phoenix, Arizona,  
University of East Anglia, UK  
University of New England, Portland, ME, USA  
Word Conference on Educational Sciences (WCES), Istanbul, Turkey

# INTERNATIONAL

## Who Came to Us

Delegation from Karolinska Institute, Stockholm, Sweden: Charlotte Silén, Klara Bolander Laksov, Klas Karlgren

Delegation (fifteen members) from Département de Médecine Générale de la Faculté de Médecine de Montpellier, France

Professor Annmarie Adams, Director of the McGill Institute for Gender, Sexuality, and Feminist Studies and William C. Macdonald Professor at the School of Architecture, McGill University

Dr. Ainun Afroza, Secretary General of Association of Medical Education of Bangladesh and member of Faculty of Paediatrics of College of Physicians and Surgeons of Bangladesh

Dr. Rachel Ellaway, Assistant Dean and Associate Professor for Education Informatics at the Northern Ontario School of Medicine

Dr. Alicia García de Galdeano, Universidad del País Vasco, Facultad de Medicina y Odontología, Bizkaia, Spain

Dr. Ian Jenkins, American Society of Colon and Rectal Surgeon Travelling Fellowship, St. Marks Academic Institute, Harrow, UK

Dr. Viki Kaprielian, Vice Chair for Education and Professor in the Duke University Department of Family Medicine

Dr. Jennifer MacKenzie, Associate Professor, Department of Pediatrics, Queen's University

Dr. Gregory Bruce Mann, James IV Travelling Fellow for Australia, Melbourne, Australia

Dr. Pierre-André Michaud, Vice Dean, Faculty of Biology and Medicine, Lausanne University

Dr. Melissa Nothnagle, Assistant Professor of Family Medicine, Brown University/Memorial Hospital of Rhode Island

Dr. Peter Nugus, Research Fellow, Centre for Clinical Governance Research, Faculty of Medicine, University of New South Wales

Mr. Camilo Moncayo BSC(c) Student and Mr. Sergio Gomez BSC(c) Student, Faculty of Electronics Engineering, Pontificia Bolivariana University, Bucaramanga, Colombia

# MEMBERSHIP

## Scientists

Albert	Mathieu	Psychiatry
Carnahan	Heather	Occupational Science & Occupational Therapy
Dubrowski	Adam	Paediatrics
Herold	Jodi	Medicine
Hodges	Brian	Psychiatry
Kitto	Simon	Surgery
Kuper	Ayelet	Medicine
LeBlanc	Vicki	Medicine
Moulton	Carol-anne	Surgery
Reeves	Scott	Psychiatry
Woods	Nicole	Surgery

## Adjunct Scientists

Ginsburg	Shiphra	Medicine
Mylopoulos	Maria	Paediatrics

## Clinician Educator/Researchers

Ahmed	Najma	Surgery
Austin	Zubin	Faculty of Pharmacy
Backstein	David	Surgery
Bandiera	Glen	Emergency Medicine
Bogo	Marion	Faculty of Social Work
Donovan	Andrea	Medical Imaging
Freeman	Risa	Family & Community Medicine
Friedman	Zeev	Anaesthesia
*Ginsburg	Shiphra	Medicine
Grantcharov	Teodor	Surgery
Leslie	Karen	Paediatrics
Lieff	Susan	Psychiatry
Maniate	Jerry	Medicine
MacRae	Helen	Surgery
Mallette	Claire	York University
Morgan	Pam	Anaesthesia
Murnaghan	M. Lucas	Surgery
Oandasan	Ivy	Family & Community Medicine
Okrainec	Alan	Surgery
Silver	Ivan	Psychiatry

# MEMBERSHIP

## Affiliated Scholars

Courneya	Carol-Ann	University of British Columbia
Dempster	Laura	Faculty of Dentistry, University of Toronto
Derbew	Miliard	Dean, Faculty of Medicine, University of Addis Ababa, Ethiopia
Espin	Sherry	Ryerson University, Toronto
Eva	Kevin	University of British Columbia
Kneebone	Roger	Imperial College in London, UK
Lewin	Simon	London School of Hygiene & Tropical Medicine, UK
Lindqvist	Susanne Marie	University of East Anglia, Norwich, Norfolk, UK
Lingard	Lorelei	University of Western Ontario
Martimianakis	Tina	Paediatrics, University of Toronto
McNaughton	Nancy	Standardized Patient Program, University of Toronto
Norman	Geoff	McMaster University, Hamilton
Nyhof-Young	Joyce	Department of Radiation Oncology, Princess Margaret Hospital, Toronto
Parker	Kathryn	The Learning Institute, Hospital for Sick Children, Toronto
Pottier	Pierre	Université de Nantes
Regehr	Glenn	University of British Columbia
Schryer	Catherine F.	Ryerson University
Segouin	Christophe	Hôpital Lariboisière, faculté de médecine, Paris, France
Simpson	Alan	City University, London, UK
Varpio	Lara	University of Ottawa

# MEMBERSHIP

## General Members (A-N)

Agur	Anne	Surgery
Ahmad	Zareen	Medicine
Arweiler	Delphine	The Wilson Centre
Ballon	Bruce	Psychiatry
Batty	Helen	Family & Community Medicine
Boet	Sylvain	Patient Simulation Centre at SMH
Bolderston	Amanda	Radiation Medicine
Bradley	Renate	Radiation Oncology
Branigan	Monica	Family & Community Medicine
Bryden	Pier	Psychiatry
Byrne	Niall	Wilson Centre
Catton	Pamela	Radiation Oncology
Cavalcanti	Rodrigo	Medicine
Childs	Ruth	OISE/UT
Cil	Tulin	Surgical Oncology
Cole	Donald	Dalla Lana School of Public Health
Côté	Luc	Université Laval
Court	John P.M.	Psychiatry
Dattilo	Kathleen	Anaesthesia
Derbel	Sadok	Sutherland-Chan School & Clinics
Devlin-Cop	Sandra	Nursing
Dewa	Carolyn S.	Psychiatry/CAMH
Finch	Paul	Conestoga College Institute of Technology & Advanced Learning
Forte	Milena	Family & Community Medicine
Fournier	Cathy	Mt. Sinai Rehab & Wellbeing Clinic
Fox	Ann	Nutritional Sciences
Gagliardi	Anna	Surgery
Gauthier	Geneviève	Educational & Counseling Psychology, McGill University
Glover Takahashi	Susan	Postgraduate Medical Education
Goguen	Jeannette	Medicine
Goldbloom	David	Psychiatry
Gotlib-Conn	Lesley	Family & Community Medicine
Gupta	Rajesh	Medicine

Hanna	Elizabeth	Interprofessional Education at Bridgepoint Health
Hanson	Mark	Psychiatry
Harnett	Nicole	Radiation Therapy
Harvey	Bart	Dalla Lana School of Public Health
Hilliard	Robert	Paediatrics
Howard	Andrew	Surgery
Hutchinson	Clare	Paediatrics
Johnson	Ian	Dalla Lana School of Public Health
Kendall	Sandra	Joseph & Wolf Lebovic Health Complex at Mount Sinai Hospital
Kim	Sarah	Dalla Lana School of Public Health
Knickle	Kerry	Standardized Patient Program
Korenblum	Marshall	Psychiatry
Kotsakis	Afrothite	Paediatrics
Lax	Leila	Biomedical Communications, Institute of Medical Science
Lo	Christopher	Toronto General Research Institute
Locke	Kenneth	Medicine
Maggi	Julie	Psychiatry
Manchul	Lee	Radiation Oncology
Mehta	Sanjay	Paediatrics
Mori	Brenda	Physical Therapy
Munshi	Alpna	Psychiatry Resident
Naik	Viren	University of Ottawa
Nayer	Marla	Physical Therapy
Nelson	Sioban	Nursing

## MEMBERSHIP

## General Members (P-Z)

Pain	Clare	Psychiatry
Pakes	Barry N.	Dalla Lana School of Public Health
Parikh	Sagar	Psychiatry
Paul	Robert	The Hobbes Group Inc.
Perrier	Laure	Continuing Education
Peterkin	Allan D.	Psychiatry
Pittini	Richard	Obstetrics & Gynecology
Poldre	Peeter	Medicine
Pollex	Heather	Nursing Education at University Health Network
Promislow	Sara	Faculty of Nursing
Rachlis	Anita	Medicine
Ratnapalan	Savithiri	Paediatrics
Ravitz	Paula	Psychiatry
Richardson	Denyse	Medicine
Rogal	Stan	Standardized Patient Program
Rosenfield	Jay	Paediatrics
Saary	Joan	Occupational Medicine
Safir	Oleg	Surgery
Sanguins	Heather	Psychiatry
Schneeweiss	Suzan	Paediatrics
Schneider	Rayfel	Paediatrics
Schreiber	Martin	Medicine
Simmons	Brian	Newborn & Developmental Paediatrics
Sinclair	Lynne	Toronto Rehabilitation Institute
Smith	Cathy	Standardized Patient Program
Sockalingam	Sanjeev	Psychiatry
Sonnadara	Ranil	Surgical Skill Centre at MSHMount Sinai Hospital
Soren	Barbara J.	Knowledge Media Design Institute., UoT
Spitzer	Rachel F.	Obstetrics & Gynaecology
Sriharan	Abi	The Peter A. Silverman Centre for International Health at Mount Sinai HospitalSH

Steinberg	Rosalie	Psychiatry
Stergiopoulos	Vicky	Psychiatry
Straus	Sharon E.	Knowledge Translation Program
Stroud	Lynfa	Medicine
Styra	Rima	Psychiatry
Syed	Khalid	Surgery
Szumacher	Ewa	Radiation Oncology
Tabak	Diana	Standardized Patient Program
Tait	Gordon	Surgery
Talbot	Yves	Family & Community Medicine
Tallett	Susan	Paediatrics
Tassone	Maria	Physical Therapy
Ternamian	Artin	Obstetrics & Gynaecology
Ungar	Thomas	Psychiatry
Valani	Rahim A.	Emergency Medicine
Verma	Sarita	Postgraduate Medical Education
Verma	Sunil	Medical Oncology/ Hematology
Wadey	Veronica	Department of Surgery
Wadhwa	Anu	Paediatrics
Wagner	Susan J.	Speech Language Pathology
Webster	Fiona	Surgery
Windrim	Rory	Obstetrics & Gynecology
Whitehead	Cynthia	Family & Community Medicine
Wong	Rene	Division. of Endocrinology
Wu	Mary Xiumei	Toronto School of Traditional Chinese Medicine
Yu	Eric	Medicine
Yu	Catherine	Division. of Endocrinology & Metabolism