

the
wilson
centre

2015 ANNUAL REPORT
Health Professions Education Research



UNIVERSITY OF TORONTO
FACULTY OF MEDICINE

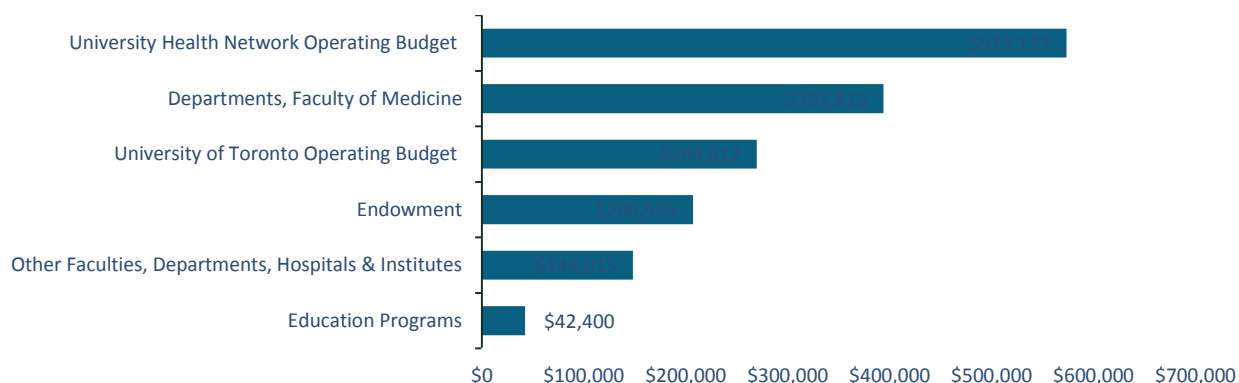


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DIRECTOR'S REPORT

2015 was an exceptional year for research, scholarship, teaching and innovation at The Wilson Centre. By expanding our local, national and international collaborations we have continued to expand our research productivity and global impact. Wilson Centre Scientists, Fellows and Researchers successfully captured \$4,972,000 in research funding and contributed over 120 publications to the field of health professions education research. Through local workshops, keynotes, and targeted consultations, we continued to provide ongoing support to educational scholarship at academic (e.g., SHSC, UHN, WCH, CAMH) and community hospitals (e.g., MGH, NYGH). Our Scientists have also contributed to external healthcare organizations, including teaching at the Royal College of Physicians and Surgeons of Canada and contributing to Cancer Care Ontario's Advisory Committee for the Access to Care Surgical Efficiency Targets Program. We continued to host international visitors including scholars from Argentina, Ireland, France, USA, Australia, Denmark, Switzerland, and the Netherlands. We also continued to train and mentor our research Fellows and other local members of the Wilson Centre community. Our international collaborative work has led to new roles as Associate and Senior Editors of international peer-reviewed journals (e.g., Academic Medicine, Advances in Health Sciences Education, Perspectives in Medical Education) and editors of important new textbooks (e.g., on Interdisciplinary Collaboration). As we move toward celebrating our 20th anniversary in 2016, the Wilson Centre community is looking forward to continued academic success as we strengthen and broaden our ties with local, national and international collaborators. We strive to maintain high standards of theoretical rigour in our scientific work while at the same time making meaningful contributions to the processes and practices of health professions education.



One of the goals of the Wilson Centre's strategic plan is to design and deliver education that advances the field of research in healthcare education and practice. In 2015 we continued to offer Ateliers in qualitative research and in research presentation skills ("Say Something").

Comings and Goings

The Wilson Centre leadership underwent significant changes in 2015. **Dr. Nicole Woods** served as Interim Director of the Centre from January-August. In September 2015, the Wilson Centre community welcomed our new Director, **Dr. Cynthia Whitehead**. Under her leadership the Wilson Centre continues to thrive as a world leader in health profession education research while informing education and assessment design, educational policy, and education research practices across Toronto. **Drs. Maria Mylopoulos and Ryan Brydges** were appointed Interim Associate Directors in March of 2015 and continue to work alongside newly appointed Interim Associate Director of Fellowships, **Dr. Ayelet Kuper** (effective November 2015). In December 2015 **Dr. Tina Martimianakis** was appointed Strategic Lead International Program and **Dr. Jerry Maniate** was appointed Assistant Director, Wilson Centre Researchers

2015 included a number of changes within our scientist community. In August, The Wilson Centre welcomed **Dr. Maria Mylopoulos** to the position of Curriculum Scientist for the Medical Psychiatry Alliance (MPA). Dr. Maria Mylopoulos has been a leader in the advancement of education research at the University of Toronto and beyond. At UME, she will play a major role in the design, development, and evaluation of the educational curriculum of the Medical-Psychiatry Alliance, which prepares students to engage in integrated assessment, diagnosis and treatment of patients with mental and physical illness. **Dr. Elise Paradis**, Wilson Centre Scientist and Assistant Professor moved to Faculty of Pharmacy University of Toronto in August of 2015. **Dr. Vicki LeBlanc**, Wilson Centre Scientist and Associate Professor, Faculty of Dentistry left us in April of 2015 to take on a new role as Director, University of Ottawa Skills and Simulation Centre.

The Wilson Centre welcomed 4 new Educator Researcher members in 2015: Dr. Dominique Piquette, Department of Critical Care Medicine; Dr. Fahad Alam, Department of Anaesthesia; Dr. Marcus Law, Department of Family & Community Medicine; and Dr. Catharine Walsh, Division of Gastroenterology, Hepatology & Nutrition

Special Events

Revitalizing the Curriculum, a Faculty of Medicine Symposium, November 27, 2015

The Wilson Centre has continued to collaborate with faculty, administrators and students to re-design and revitalize the undergraduate medical curriculum at the University of Toronto. In November of 2015, **Drs. Brian Hodges, Maria Mylopoulos, Mahan Kulasegaram and Cynthia Whitehead** were invited speakers at a symposium that highlighted the partnership between The Wilson Centre and the Undergraduate MD program and the resulting curricular innovations/educational research.

The Hodges Education Scholarship International Symposium (THESIS) - Thursday, March 12, 2015

Our second annual symposium took place at the University of Toronto Faculty Club. Keynote speakers Geoff Norman and Rachel Ellaway started off the day's theme of "discourses" with a dialogue on the role of context in health professions education. Panel presentations by Wilson Centre Scientists and Fellows and a world café provided an opportunity for us to share new ideas and insights with the education research community.

International symposium "Health Professions Education Globalized"

The Wilson Centre Globalization Research Group led by Drs. Tina Martimianakis and Brian Hodges continued nurturing a community of practice around topics related to the globalization of the health professions. They supervised graduate students, hosted visiting faculty and organized two Symposia, one in partnership with the Department of Paediatrics, University of Toronto at SickKids Hospital which took place on June 20, 2015; and the other in partnership with Maastricht University which was held on September 2, 2015. The Symposia brought together policy makers, educators and researchers to discuss topics such as medical tourism, brain drain and sharing of curricula and knowledge across cultures.

New in 2015

New Membership Categories (approved Dec 1 2015). In the fall of 2015, the Wilson Centre reviewed all existing membership categories and created new ones. Some members were therefore shifted to appropriate membership reflecting their contributions to, involvement with, and participation in the Wilson Centre.

We broadened our social media strategy in 2015 via **Twitter** (@theWilsonCentre) and blog posts, sharing our science with both researchers outside our usual circles and with interested members of the public who do not have access to our more academic exchanges.

The Wilson Centre welcomed **summer students** supervised by Wilson Centre Scientists:

Atara Messinger has completed her second year of medical school at UofT. She worked with Ayelet Kuper on an MAA-CREMS-funded project, analyzing the epistemological and methodological trends in the journal *Medical Education* as part of a larger project led by Cynthia Whitehead studying the first 50 years of that journal.

Amanda Chen has completed her first year of medical school at UofT. She worked with Ayelet Kuper to implement the findings from Ayelet's CanMEDS Knowledges Project into several post-graduate specialty programs in the UofT Department of Medicine.

Zac Feilchenfeld is a fifth-year resident in the General Internal Medicine subspecialty training program at UofT. He worked with Ayelet Kuper and Cynthia Whitehead on his thesis project for his Masters (at Maastricht), which is a critical discourse analysis of the rise of ultrasound training in medical education.

Emily Landon has completed her first year of medical school at UofT. She worked on a study of biases in social judgements - particularly those suggested being relevant from theories in Evolutionary and Social psychology - in the context of medical school admissions. Her work is expanding the study of rater cognition in assessment and is collaboration between the Office of Admissions at UME and the Wilson Centre.

Erene Stergiopoulos (UofT) and Nima Nahiddi (Ottawa) joined us for the summer to work on an exciting project mapping the discursive terrain of Caring and Compassion. Their project is part of the AMS Phoenix Lexicon Development initiative, and is supervised by Tina Martimianakis and Rachel Ellaway. Cynthia Whitehead, Nancy McNaughton and Ayelet Kuper are also collaborating on the project.

Sok-Kau Tang (UofT), or Groonie as she goes by, worked on a project exploring discourses of globalization and internationalization through an analysis of articles published in the journal Medical Education during a 50 year period. This work is funded by the MAA-CREMS program. Groonie was supervised by Tina Martimianakis and the project is part of a larger initiative led by Cynthia Whitehead and involving several Wilson Centre scientists and fellows, discursively exploring the journal's contributions to the field as part of its 50th anniversary.

Mohammed Firdouse has completed his first year of medical school at the UofT. He was supervised by Dr. Tulin Cil for a MAA-CREMS funded project. His project focusses on understanding burnout and stress during the transition period from residency to independent practice (staff) amongst recently graduated general surgeons across Canada.

Aliya Ramjaun has completed her first year of medical school at UofT. As part of her 20-month longitudinal CREMS project, she worked with Dr. Carol-anne Moulton to develop and evaluate handoff checklists to be used during intraoperative care within and across surgical teams at Toronto General Hospital.

Samik Doshi and Sonam Shah recently completed their first year of medical school at UofT. As part of the Leadership Education and Development (LEAD) Scholarship Program, a 4-year program focused on developing leadership skills in future physicians, they worked with Dr. Brian Hodges on a health human resource planning project. Specifically, they are exploring the roles of particular health professionals (physician assistants, nurse practitioners, hospitalists, clinical fellows, and clinical associates) and potential challenges in their integration in inpatient care at UHN.

Fellowship

Our fellowship program in 2015 had 27 Fellows including 2 postdoctoral fellows. New Fellows this year: Amit Kaushal, Andrea Kirou-Marou, Ryan Snelgrove, Lindsay Melvin, Patricia Thille and Wendy Yen.

As the number of Fellows increases, so does the diversity of research areas explored by the Wilson Centre community, making the Centre truly multidisciplinary and interdisciplinary.

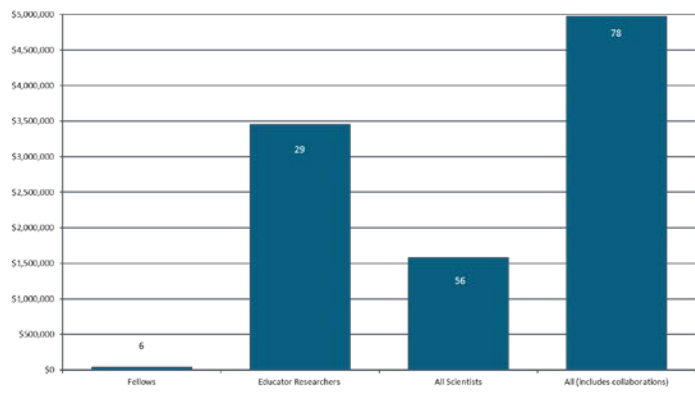
Patricia Thille PhD and Arijia Birze PhD(c) are the recipients of the 2015-2016 Currie Fellowship. In 2015 Tim Dwyer and Faizal Haji successfully defended their PhDs and Julian Manzone successfully defended his MSc.

We wish to thank the Fellowship Director and the Fellowship Committee for their efforts in making the fellowship an exceptional experience for our research students. The Wilson Centre can take pride in having a 100% completion rate for its PhDs. The Fellows at the Wilson Centre are enrolled in a variety of graduate programs across University of Toronto and at other universities. We are continuing to exploring the possibility of establishing a graduate program connected to the Wilson Centre. We wish to acknowledge and thank Jeannine Girard-Pearlman and the Graduate Program Committee for their tireless efforts in this priority area. This work will continue in 2016, and we are optimistic that this dream will soon become a reality.

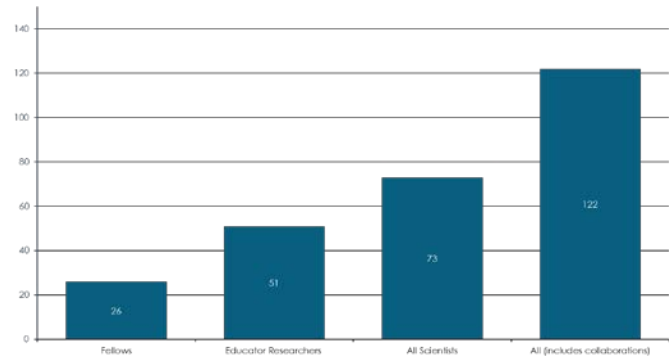
We hope you enjoy reviewing the details of the annual report that highlights the many accomplishments of our members in 2015.

Nicole Woods - Interim Director / Cynthia Whitehead - Director

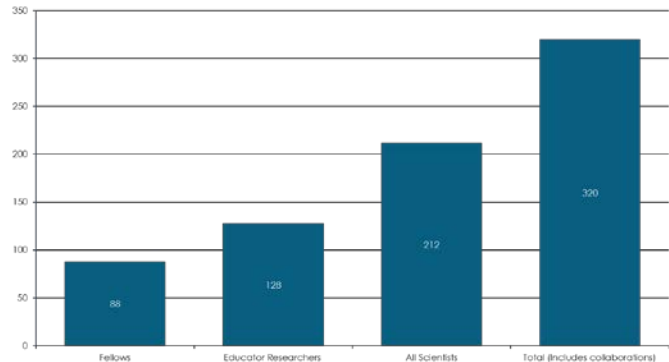
2015 GRANT CAPTURE



2015 PUBLICATIONS



2015 PRESENTATIONS



S C I E N T I S T S

Mathieu Albert PhD

Associate Professor, Department of Psychiatry, University of Toronto

My recent publications on interdisciplinarity in the health research field have confirmed my reputation as one of the world leaders in this domain. I have engaged in collaborative work over recent years with sociologists from top universities (Scott Frickel from Brown University, and Barbara Prainsack from King's College UK) which has led to the production of an edited volume titled *Investigating Interdisciplinary Collaboration: Theory and Practice across Disciplines* (Rutgers University Press, 2016).

Ryan Brydges PhD

Assistant Professor, Department of Medicine, University of Toronto

In 2015, I achieved many milestones and evolved my collaborations with others in our field. I became an official 'master faculty' member of the Royal College of Physicians and Surgeons Simulation Educator Training program, which allows me to translate my research on simulation-based training and assessment into principles and strategies that simulation educators can use to design curricula for health professions trainees across Canada. I also continued to grow my international reputation, overseeing visiting scholars Gerry Gormley (Ireland), Ann Sofia Thomsen (Denmark), and Flemming Bjerrum (Denmark). Each of those visits produced a scholarly project and a new member in my international network. Another major development is my invitation to be a Senior Editor for the new journal, *Advances in Simulation*, which is the official journal of the Society in Europe for Simulation Applied to Medicine. Along with the Editor-in-Chief and two other Senior Editors, I will help shape the direction of this journal, which we intend to offer as the home for diverse, interdisciplinary simulation-based research.

Shiphra Ginsburg MD MEd FRCPC

Professor, Internal Medicine (Respirology), University of Toronto

In 2015 I continued and expanded my research program focused on the language used in the assessment of competence. This area has led to new collaborations, both within the Wilson Centre (through a Department of Medicine Integrating Challenge Grant) and outside the University, with colleagues across Canada and in the US (including Western University, the University of British Columbia, the University of Pennsylvania and the Mayo Clinic). These collaborations are extending the impact of my work and are creating new networks for facilitating research across disciplines, departments and institutions. I also continued my scholarly work in professionalism with a new AMS-Phoenix grant and through ongoing collaborations with the American Board of Internal Medicine. In my role as Director of Education Research/Scholarship in the Department of Medicine (and in collaboration with Ryan Brydges) I lead and participate in numerous faculty development initiatives and collaborations to enhance awareness and understanding of education research across our department. I also spend countless hours reviewing grant applications for various agencies as well as internal applications for research proposals, funding and scholarships. Finally, I continue in my roles as Deputy Editor at Medical Education and Editorial Board Member at Academic Medicine.

Brian D. Hodges MD PhD FRCPC

Professor, Department of Psychiatry, University of Toronto

The Richard and Elizabeth Currie Chair in Health Professions Education Research

EVP Education, University Health Network

I believe my most important role is as a Champion for research and innovation in health professions education. I fulfil this by positioning myself as a "public intellectual" using administrative and communication platforms (e.g.: social media) to advance the field.

Kulamakan (Mahan) Kulasegaram PhD**Assistant Professor - Department of Family & Community Medicine, University of Toronto**

Science is defined by the exchange of ideas and data. Too often, users and interested members of the public do not have access to this exchange. This year, I decided to take the Wilson Centre (@theWilsonCentre) and myself (@mahanmed) on twitter. There is a lively and engaged health professions education (#hpe) and medical education (#meded) community in this cyber-social world. And it's populated by a broad cross section of scientists, educators, knowledge-users, and the lay public who benefit from and contribute to the work that we do. This social media presence gives us a nice perch from to gauge the most passionate and active discussions in our field. And an opportunity for me to tweet some (blurry) pictures of Wilson Centre events!

Ayelet Kuper MD DPhil FRCPC**Associate Professor - Department of Medicine, University of Toronto**

In 2015 I continued my program of research related to the nature and production of legitimate knowledge in medical education. Together with colleagues and students I produced papers, gave presentations, acquired grants, edited for journals, sat on international committees, and otherwise achieved the requisite standard academic metrics. However, I am most proud that I persisted in my collaborative praxis with, and strong mentorship for, a growing group of more junior academics who are interested in often-marginalized issues such as equity, diversity, and compassionate care within medical education and practice, and who themselves face barriers due to gender, to minoritization, and/or to their unwillingness to acquiesce to hegemonic views of legitimate research. I also continue to do other work that is similarly unvalued or "invisible" in the Academy, such as sitting on local committees that have practical impact on education, taking on leadership roles with large pastoral components, and contributing in other small ways to the academic mission of the Wilson Centre and the Faculty of Medicine.

Maria Athina (Tina) Martimianakis PhD**Assistant Professor, Department of Paediatrics, University of Toronto**

In 2015, I continued to lead the Wilson Centre globalization research group, mentored faculty and graduate students throughout TAHSNe and abroad and co-organized 2 international symposia in Toronto and Maastricht to think critically about the implications of globalization effects on educational practice locally and abroad. My work in globalization led to my hosting a visiting scholar from the Netherlands (Janneke Frambach), spending a week as a visiting professor in Singapore, delivering two graduate courses as well as numerous lectures and presentations, and developing new Wilson Centre collaborations with the School of Health Professions Education in the Netherlands and the Health Outcomes and Medical Education Research (HOMER) unit in the Office of the National Healthcare Group in Singapore. My scholarly activities, combined with my roles on numerous university, hospital and national/international committees have impacted how the community conceptualizes and pursues interprofessional, cross-cultural and cross-sector collaborations.

Carol-anne Moulton MBBS PhD FRACS**Associate Professor & Staff Surgeon, Department of Surgery, University of Toronto**

My qualitative research initiatives focus on surgical culture, particularly as it affects surgeon behaviour, collaborative practice and surgical judgment with the goal of optimizing patient safety. I continue to share my perspective and broaden my international reputation, recently welcoming Dr. Michael Kim (USA), Dr. Jonathan Hong (Australia), Dr. Pierre-Louis Henaux (France), and Dr. Kristen Gjeraa (Denmark) as visiting scholars in my research lab. In 2015, I joined Cancer Care Ontario's Advisory Committee for the Access to Care Surgical Efficiency Targets Program (SETP) to assist in challenging the way we think about implementing safety initiatives in the operating room. I continue to share my work on education research and clinical teaching by contributing to UHN's Education Intensives and presenting at hospital grand rounds both nationally and internationally.

Maria Mylopoulos PhD**Assistant Professor, Department of Paediatrics, University of Toronto**

In 2015 I continued to build the scope and impact of my work which focuses on exploring and understanding how to teach and assess for adaptive expertise in health professions education. In August 2015 I was appointed as the Curriculum Scientist for the Medical Psychiatry Alliance (MPA) and Undergraduate Medical Education (UME) at the University of Toronto. This opportunity to impact and study curricular innovation on campus, together with the applied research opportunities facilitated by my role as Associate Director of Research in the Office of Medical Education at the new Michael Garron Hospital (MGH), provides me with a powerful platform to use my research to inform the design of innovative, evidenced-based education for developing future adaptive experts. To date, my work has led to innovative renewal of the UME curriculum, novel research on those innovations, and international interest from schools undertaking similar curriculum renewal (e.g. Wake Forest University). Overall, my work has led to a conceptualization of curriculum science that foregrounds the integration of education science and practice to produce innovative, evidence-based medical education.

Stella Ng PhD**Assistant Professor, Department of Speech-Language Pathology, University of Toronto**

Three achievements stand out for me in 2015 as hidden highlights: 1) seeing the subtle impacts of a paper, 2) building and working with two excellent teams, and 3) earning an unlikely grant. First, I published a paper that explains and re-claims the theoretical bases for reflection and reflective practice. The paper garnered significant informal attention including invitations to speak with academic and professional audiences; and it continues to hold one of the highest-scoring Altmetric scores for the journal *Medical Education*. Second, I fostered the development of two education teams, one at each of my primary appointments. At the Centre for Faculty Development, our research team established its collective research vision and saw significant individual accomplishment for all members. At the Centre for Ambulatory Care Education, I worked closely with Director Nicole Woods, to build and work with an interdisciplinary and multi-institution team, toward an evidence-informed curriculum funded by SIM-one. Finally, I was the sole recipient of the American Academy of Audiology New Investigator Research Grant; what is noteworthy about this achievement is that it was the first education or qualitative research study to be funded by this program and the resultant work offers important scholarly leadership in the field.

Geoff Norman PhD**Emeritus Professor, Department of Clinical Epidemiology and Biostatistics, McMaster University**

My primary research is in the area of expert diagnostic reasoning – how clinicians arrive at a diagnosis. My research has revealed that experts use two kinds of knowledge to do diagnosis – the formal analytical knowledge of signs and symptoms and physiologic mechanisms, and experiential knowledge based on the hundreds or thousands of patients they have encountered. Following from this research is an interest in various aspects of how medical students learn. I continue to contribute to the theoretical foundation of problem-based learning. I have also been involved in student assessment and medical school admissions. I have developed and validated a number of innovative assessment methods, and have made substantial contributions to assessment methodology.

Elise Paradis PhD**Assistant Professor, Leslie Dan Faculty of Pharmacy, University of Toronto**

This past year I have been involved in healthcare community engagement by giving invited talks to groups of clinicians about my research. I have thus been able to share my findings on the factors limiting collaboration in acute contexts with hundreds of clinicians locally, nationally and internationally. These conversations have enabled consideration of how this research could be applied in other contexts, and led to new partnerships. I have also been writing blog posts on my research for the American Sociological Association Body & Embodiment Section (on the ethnographic body) and for the Purple Sticker initiative of the Association for the Study of Medical Education (on interprofessional education), another form of community engagement.

Fiona Webster PhD**Associate Professor, Department of Family & Community Medicine, University of Toronto**

In 2015 I continued in my CIHR funded research which aims to explore the social organization of education and care for patients with chronic pain using institutional ethnography. The focus of this work has increasingly been on mapping the intersections between social inequities and health. I currently supervise 4 PhD students, one of whom is a Wilson Centre fellow. I taught 2 courses in the Institute of Management and Evaluation (IHME). I am also an Academic Fellow with the Centre for Critical Qualitative Research (CQ). In 2015 I published 14 articles in peer-reviewed journals, including 7 as lead or senior author, and was also a program expert on a CIHR funded Foundation grant. My work has drawn international attention in 2015 with several invited talks or workshops. I draw significant meaning in my work through mentorship and teaching and am continuously seeking to share a critical social science lens that focuses attention on the juncture of clinical care delivery and medical education research.

Cynthia Whitehead MD PhD**Associate Professor, Department of Family & Community Medicine, University of Toronto**

In 2015 I became Director of the Wilson Centre. I try to advance the science of medical education, promote the Centre's inspiring and disruptive work, uphold its values and support the careers of the Scientists, Researchers and Fellows. As we celebrate our 20th Anniversary, I am working to further strengthen the Centre, so that we can continue to inspect commonly held beliefs and advance health education in the years ahead.

Nicole Woods PhD**Assistant Professor - Department of Family and Community Medicine, University of Toronto**

In 2015, I continued to advance my research on the integration of basic and clinical sciences. I have used a series of keynote presentations, lectures and workshops to support the process of moving from theoretical models of learning science to practical innovations for health professions education. Working in collaboration with my Wilson Centre colleagues and graduate students, I devoted much of 2015 to making incremental but significant changes to the way we educate physicians, surgeons, pharmacists and other health professionals across North America. Having already established a strong empirical basis, I became actively involved in efforts help teachers and institutions translate my theoretical education research into practical education reform. My research and knowledge translation efforts have inspired significant changes in the structure and content of medical education at UofT as well as at medical schools in Texas, California and Michigan.

F E L L O W S

Arija Birze is a PhD student at the Dalla Lana School of Public Health in the Social & Behavioural Health Sciences stream. She received her Master of Arts in Sociology & Equity Studies in Education from OISE/UT in 2009. Before starting her doctoral program, Arija worked at the Wilson Centre as a Research Analyst II. She is now a 2014-16 Currie Fellowship recipient. Her current research interests include how the gendered organization of emotional, high stress occupations is written into the body and biologically translated into health inequalities. **Supervisor:** Elise Paradis

Jean-Marie Castillo is a Family Medicine Physician graduated at Nantes Medical School, France. Jean-Marie is a candidate in the Master of Health Professions Education (MHPE) at the University of Illinois at Chicago and a research fellow at the Wilson Centre under the guidance of Drs. Woods and Whitehead. His research interests include the role of basic sciences on clinical knowledge and clinical practice in the undergraduate medical studies, the Family Medicine residency program and Family Medicine practice. **Supervisors:** Nicole Woods, Cynthia Whitehead

Leigh Chapman is a PhD Candidate at the Lawrence S. Bloomberg Faculty of Nursing under the supervision of Sioban Nelson. Leigh's doctoral research will explore how regulated health professionals competency assessment is understood in a Canadian academic hospital. **Supervisor:** Brian D. Hodges

Jeffrey Cheung is a PhD student of the Institute of Medical Science at the University of Toronto. Previously, he completed a HBSc in Neuroscience and a MSc in Medical Science. His PhD research explores the impact of integrating conceptual (Knowing Why) and procedural knowledge (Knowing How) in the instructional design of simulation-based procedural skills, with a specific interest in the transfer of learning to novel contexts that require adaptive expertise. **Supervisors:** Ryan Brydges, Carol-anne Moulton

Tim Dwyer PhD is an orthopaedic surgeon at the University of Toronto. In 2013 Tim transferred from the Master's program at the Institute of Medical Science to the PhD program, where his research focus is on outcomes assessment in the setting of competency-based medical education. His committee is comprised of Dr Brian Hodges (supervisor), Dr Mahan Kulasegaram and Dr Charlotte Ringsted. **Supervisors:** Brian Hodges, Mahan Kulasegaram

Kinga Eliaz is a PhD candidate in the Department of Kinesiology at McMaster University and a Research Fellow at the Wilson Centre. She has over eight years of experience researching various physical and psychological factors that influence skill acquisition. Her current research program focuses on understanding how psychosocial processes associated with performance feedback impact medical trainees learning technical skills. Beyond her doctoral research, Kinga is also a project coordinator for multi-site research that investigates older drivers. **Supervisor:** Nicole Woods

Jonathan Fuller is a student in the MD/PhD Program at the University of Toronto. He previously completed a Bachelor of Medical Sciences from Western University in London, Ontario. His primary area of research is the philosophy of medicine. Jonathan uses approaches from the philosophy of science to probe our understanding of evidence-based medicine and chronic disease. He is also interested in the role of the social sciences and humanities in medical training. **Supervisor:** Ayelet Kuper

Brandon Girardi MD completed an honours undergraduate degree in Physiology and Pharmacology at the University of Western Ontario and a medical degree at Queen's University. He is currently completing postgraduate surgical training in Orthopaedic surgery at the University of Toronto while concurrently completing a Master's of Health Professional Education at the Ontario Institute for Studies in Education. Under the supervision of Dr Lucas Murnaghan and Dr Carol-anne Moulton, Brandon is investigating the role of pre-clinical training camps in the preparation of junior surgical residents for hospital practice. **Supervisor:** Carol-anne Moulton

Joanne Goldman (Post-Doc) completed her PhD at the Institute of Medical Science, University of Toronto in 2015. Her thesis work “An ethnography of interprofessional interactions in discharge in a Canadian acute care setting”, was supported by a CIHR Doctoral Research Award. She is now working as a post-doctoral fellow in a collaborative position between The Centre for Quality Improvement and Patient Safety, Faculty of Medicine, University of Toronto and Li Ka Shing Knowledge Institute, St. Michael’s Hospital, and is continuing as a fellow at The Wilson Centre. Joanne is interested in using sociologically informed theoretical and methodological perspectives to study quality improvement and patient safety and interprofessional education and practice. Her post-doctoral work is a case study examination of post-licensure quality improvement education, with attention to the socio-cultural and structural factors that shape health care professionals’ quality improvement education and clinical practices, and the intersections between education and practice. **Supervisors:** Cynthia Whitehead, Ayelet Kuper

Amit Kaushal has completed training in adult nephrology, and is now a resident in the Clinician Educator Training Program at the University of Toronto. He is a first year student in the MSc.CH – Health Practitioner Teacher Education program at the Dalla Lana School of Public Health, and a Research Fellow at the Wilson Centre under the supervision of Dr. Maria Mylopoulos and Dr. Nicole Woods. His research will explore the development and maintenance of medical expertise, with a specific focus on the role of activities that promote preparation for future learning.

Supervisors: Nicole Woods, Maria Mylopoulos

Rabia Khan is a PhD student at the Institute of Medical Science and Research Fellow at the Wilson Centre, University of Toronto. Previously, Rabia completed an honours B.Sc. (Life Science) and B.A. (Political Science). She is currently part of the Collaborative Program in Global Health at the Dalla Lana School of Public Health. Her current research interests lie in the intersection of global health and medical education. Her work focuses on the ‘health of health workers’ and specific to her PhD, on the systemic factors that affect the mental health of physicians in training. **Supervisors:** Brian D. Hodges, Tina Martimianakis

Andrea Kirou-Marou is a resident in the Pediatric Clinician Investigator program pursuing a Master of Science in Health Science Education at McMaster University under the supervision of Lawrence Grierson. She is also a fellow at the Wilson Centre under the supervision of Ryan Brydges. Andrea’s research focuses on mastery learning through simulation, the acquisition of procedural skills and the prevention of skill decay.

Supervisor: Ryan Brydges

Kristina Lisk is a PhD candidate in the Rehabilitation Sciences Institute at the University of Toronto and a research fellow at the Wilson Centre under the supervision of Dr. Nikki Woods. Previously, she completed her Masters of Science in Clinical Anatomy at Western University and her undergraduate degree in Life Sciences at Queen’s University. Her current PhD research focuses on exploring strategies that will optimize the value of basic science knowledge. **Supervisor:** Nicole Woods

Lindsay Melvin is a PGY5 fellow in General Internal Medicine at the University of Toronto and a candidate in the Masters of Health Professions Education (MHPE) at Maastricht University. Lindsay is a research fellow at the Wilson Centre under the guidance of Dr. Kuper and Dr. Kulasegaram and a joint CEEP research fellow. Her research interests include the examining the instruction and assessment of communication skills for medical residents and medical students and the role of communication skills in the daily practice of clinicians at all levels of training. **Supervisors:** Ayelet Kuper, Mahan Kulasegaram

Polina Mironova is a first-year MSc student at the Institute of Medical Science. Under the supervision of Dr. Carol-anne Moulton, she is investigating the dynamics of instructor-led feedback delivery and student-initiated feedback-seeking behaviours in skills acquisition. Upon completing her Master’s degree, Polina is planning to explore the cognitive underpinnings of student-driven learning and assessments in medical training. **Supervisors:** Ryan Brydges, Mahan Kulasegaram

Laura Naismith (Post-Doc) completed her PhD in Educational Psychology at McGill University in 2013. She currently holds the Ray Chang Postdoctoral Fellowship in Medical Education at the HoPingKong Centre for Excellence in Education and Practice at the Toronto Western Hospital, a joint fellowship with the Wilson Centre. Her research focuses on supporting medical trainees in simulation-based procedural skills training, by addressing cognitive, motivational and affective dimensions of learning. **Supervisor:** Nicole Woods

Robert Paul is a PhD candidate at the Institute of Health Policy, Management & Evaluation. With a background in financial management and politics, he is interested in the developing narrative of rising costs and declining revenue in health care. Drawing on social science theories, Robert's research explores processes related to revenue generation and globalization and their impact on academic health science centres. **Supervisor:** Tina Martimianakis

Cristian Rangel is a PhD student in the Department of Sociology, UofT. His dissertation studies how physicians' humanitarian and advocacy work for refugee care and non-status immigrants influence human rights and political discourse in Canada and Spain. In both countries, physicians have organized political protests and challenged their governments for curtailing the health care rights of non-status immigrants in the name of national values and fiscal responsibility. These two cases are exemplars of important transformations in political and professional power fields in Western democracies. Canadian Doctors for Refugee Care (CDRC) is a homegrown political and professional phenomenon, while the Spanish's Medicos del Mundo (MDM) is an international humanitarian organization. Despite their organizational differences and mandates, both groups mobilize evidence-based rationales to challenge the state in order to reinstate the health care rights of refugees and non-status immigrants in each country. **Supervisors:** Mathieu Albert, Cynthia Whitehead

David Rojas is a PhD candidate at the Institute of Medical Science, University of Toronto. He is also a fellow at the Wilson Centre under the supervision of Ryan Brydges. His research focuses in the use of online platforms as preparatory tools for simulation in health professions education. He is also interested in learner's motivation, and more specifically, how is this affected by the integration of new technologies into health professions education. **Supervisor:** Ryan Brydges

Natashia Seemann BSc MD is a General Surgery resident pursuing a Master's of Science at the Institute of Medical Science, University of Toronto as part of the Surgeon Scientist Training Program. She is a fellow at the Wilson Centre under the supervision of Dr. Carol-anne Moulton. Natashia's research interest understands how stress affects surgeons in the operating room. **Supervisor:** Carol-anne Moulton

Malika Sharma is a general internist and infectious diseases physician. She is currently completing an M.Ed. in Health Professions Education at OISE under the guidance of Drs. Ayelet Kuper and Tina Martimianakis and is a research fellow at the Wilson Centre for Research in Education. Her research focuses on critically examining how we frame, understand, teach, and evaluate advocacy. Her areas of clinical interest include HIV, women's health, and the health of marginalized communities. **Supervisors:** Tina Martimianakis, Ayelet Kuper, Elise Paradis

Ryan Snelgrove obtained his MD from Memorial University then completed general surgery residency at the University of Calgary. He is currently a Colorectal Surgery Fellow at the University of Toronto. He is pursuing a Masters degree with collaborative program in Bioethics through the Institute of Medical Sciences and the Joint Centre for Bioethics. His interest is in patient decision making and physician responsibility in diseases requiring multi-specialty care. He is studying this using a situational analysis approach with a Foucauldian discourse analysis. **Supervisors:** Carol-anne Moulton, Tina Martimianakis

Patricia Thille (Post-Doc) holds the Wilson Centre's Currie Fellowship (2015-2016) for post-doctoral work. She obtained her physical therapy degree in 1998 (University of Saskatchewan) and completed her PhD in Sociology in 2015 (University of Calgary; supervised by Drs. Arthur Frank and Liza McCoy). She applies social theories developed within ethnomethodological, science studies, Foucauldian, and gender studies traditions to study clinical care and health professions education specific to health conditions shaped by bias and stigma. She is particularly interested in studying the effects - broadly considered - of practices of objectification and standardization that influence clinical care.

Supervisors: Cynthia Whitehead, Ayelet Kuper

Anastasia (Stasey) Tobin is a PhD candidate at the Institute of Medical Science, University of Toronto and a Fellow at the Wilson Centre supervised by Dr. Cynthia Whitehead. She received an honours BSc in clinical nutrition from the University of Western Ontario and a MHS in public health nutrition from the University of Toronto. Drawing upon social theory and science and technology studies, Anastasia is completing her dissertation that explores the practices of medical surveillance and risk reduction among children with cystic fibrosis (CF), their family and CF health care professionals. In addition, she recently began an AMS Phoenix Fellowship to explore the process of end-of-life care in emergency medicine, supported by Mount Sinai Hospital, the AMS Phoenix Project and the Wilson Centre. Anastasia's graduate awards include: University of Toronto Doctoral Completion Award (2015); Currie Fellowship, Wilson Centre (2012-2014); CIHR Banting and Best Canada Graduate Scholarship (2010-2012); and, CIHR Cross-STIHR Fellowship in Healthcare, Technology and Place at the University of Toronto (2011-2013).

Supervisor: Cynthia Whitehead

Rene Wong is a father, husband, practicing endocrinologist and internist, and a PhD candidate at the Institute of Medical Sciences at the University of Toronto. He has a Master's in Medical Education from the University of Dundee and obtained his medical degree from Dalhousie University. His research critically examines the roles and relationships between family physicians and specialists in chronic disease management. His PhD dissertation uses concepts from Michel Foucault to conduct a critical historical analysis of diabetes care from mid-twentieth century to the present.

Supervisor: Cynthia Whitehead

Wendy Yen obtained her M.A. from the University of Toronto in 2005 in Measurement and Evaluation. She has been leading research studies and program evaluations for the past ten years in health and educational settings. She is currently a Research Associate at the College of Physicians and Surgeons of Ontario and plays a key role in developing and evaluating assessment programs for physicians in practice. She is also the principle investigator leading a complex, multiyear initiative examining the performance of internationally trained medical graduates. She is currently pursuing a Ph.D. from the University of Toronto in Adult Education and research interests include physician assessment, physician education, multi-source feedback, internationally trained medical graduates and program evaluation. **Supervisor:** Tina Martimianakis

Mohammad Zubairi is a Developmental Pediatrician and currently a Research Fellow at The Wilson Centre and a Clinical Fellow at Holland Bloorview Kids Rehabilitation Hospital. He is pursuing his Masters of Education with a focus on Health Professions Education through the Ontario Institute for Studies in Education at the University of Toronto. His area of interest is on negotiation of cultural encounters in the field of pediatric rehabilitation, and he is studying the cultural encounter using a situational analysis approach. **Supervisors:** Tina Martimianakis, Maria Mylopoulos

M E M B E R S

The 218 members of the Wilson Centre are drawn from all parts of the University of Toronto and many partner institutions. The strength of the Wilson Centre is derived from its core staff of 16 scientists, 3 administrative staff, 4 research assistants, 25 Educator Researchers, 33 Affiliated Scholars, and 137 general members together comprising one of the largest centres for health professional education research in the world.

Scientists

Albert	Mathieu	Psychiatry
Brydges	Ryan	Medicine
Ginsburg	Shiphra	Medicine
Hodges	Brian D.	Psychiatry
Kulasegaram	Mahan	Family & Community Medicine
Kuper	Ayelet	Medicine
Martimianakis	Maria Athina [Tina]	Paediatrics
Moulton	Carol-anne	Surgery
Mylopoulos	Maria	Paediatrics
Ng	Stella	Speech Language Pathology
Norman	Geoff	Medicine
Paradis	Elise	Anaesthesia, Faculty of Medicine Leslie Dan Faculty of Pharmacy
Ringsted	Charlotte V.	Anaesthesia
Webster	Fiona	Family & Community Medicine
Whitehead	Cynthia	Family & Community Medicine
Woods	Nicole	Family & Community Medicine

E D U C A T O R R E S E A R C H E R S

Wilson Centre Educator Researchers are faculty members with a major commitment to education research. They also have responsibilities in their department for clinical, administration, and/or teaching activities. The goal of membership is to forge and sustain a strong link with the cadre of colleagues in the Wilson Centre.

Ahmed	Najma	Surgery
Alam	Fahad	Anaesthesia
Austin	Zubin	Faculty of Pharmacy
Backstein	David	Surgery
Bandiera	Glen	Emergency Medicine
Bogo	Marion	Faculty of Social Work
Cavalcanti	Rodrigo	Medicine
Cil	Tulin	Surgery
Donovan	Andrea	Medical Imaging
Freeman	Risa	Family & Community Medicine
Friedman	Zeev	Anaesthesia
Grantcharov	Teodor	Surgery
Law	Marcus	Family & Community Medicine
Leslie	Karen	Paediatrics

Lieff	Susan	Psychiatry
Maniate	Jerry	Medicine
Morgan	Pam	Anaesthesia
Murnaghan	M. Lucas	Surgery
Oandasan	Ivy	Family & Community Medicine
Okrainec	Alan	Surgery
Dominique	Piquette	Medicine
Silver	Ivan	Psychiatry
Sonnadara	Ranil	Surgery
Stroud	Lynfa	Medicine
Walsh	Catharine	Gastroenterology, Hepatology & Nutrition

A F F I L I A T E D S C H O L A R S

An Affiliated Scholar of the Wilson Centre is a researcher whose primary affiliation is with another academic institution or another academic unit at the University of Toronto, but who is contributing importantly to the Wilson Centre goals and objectives through active participation in research programs and/or other academic activities of the unit.

Bleakley	Alan	Peninsula Medical School, UK
Chatalalsingh	Carole	College of Dietitians of Ontario
Carnahan	Heather	Memorial University of Newfoundland
Courneya	Carol-Ann	University of British Columbia
Dempster	Laura	Faculty of Dentistry, University of Toronto
Derbew	Miliard	Faculty of Medicine, U of Addis Ababa, Ethiopia
Ellaway	Rachel	University of Calgary
Espin	Sherry	Ryerson University, Toronto
Eva	Kevin	University of British Columbia
Gachoud	David	Université de Lausanne
Gordon	Suzanne	Cornell University Press
Ho	Ming-Jung	National Taiwan University
Kneebone	Roger	Imperial College in London, UK
Lingard	Lorelei	University of Western Ontario
McGuire	Wendy	School of Social Work
McNaughton	Nancy	Standardized Patient Program, University of Toronto
Nordquist	Jonas	Karolinska Institutet
Norman	Geoff	McMaster University, Hamilton
Nyhof-Young	Joyce	Department of Radiation Oncology
Paradis	Elise	University of California in San Francisco
Parker	Kathryn	Holland Bloorview
Pottier	Pierre	Université de Nantes
Rao	Goutham	NorthShore, University of Chicago
Regehr	Glenn	University of British Columbia
Rowland	Paula	Allied Health/Health Professions @ UHN
Schryer	Catherine F.	Ryerson University
Stalmeijer	Renée	Maastricht University
Segouin	Christophe	Hôpital Lariboisière, faculté de médecine, Paris, France

GENERAL MEMBERS

General membership is offered to any academic member of the University of Toronto or affiliated academic institution, including faculty, staff and students, who have demonstrated interest in activity in education scholarship.

Agur	Anne	Surgery
Ahmad	Zareen	Medicine
Balki	Mrinalini	Anesthesia & Pain Management
Ballon	Bruce	Psychiatry
Batty	Helen	Family & Community Medicine
Berger	Elizabeth	Paediatric
Berkhout	Suze	Psychiatry
Bismilla	Zia	Paediatric
Bouchal	Claire	Associated Medical Services
Bradley	Renate	Radiation Oncology
Branigan	Monica	Family & Community Medicine
Bryden	Pier	Psychiatry
Byrne	Niall	Wilson Centre
Chan	Grace	Sutherland Chan Clinic
Chan	Teresa	McMaster University
Childs	Ruth	OISE/UT
Chiu	Aubrey	Behavioural Sciences & Health Research at UHN
Cole	Donald	Dalla Lana School of Public Health
Cordon	Charissa	Collaborative Academic Practice at UHN
Côté	Luc	Université Laval
Court	John P.M.	Psychiatry
Dattilo	Kathleen	Anaesthesia
Deutsch Salamon	Sabrina	York University
Devlin-Cop	Sandra	Nursing
Dewa	Carolyn S.	Psychiatry/CAMH
Dimitropoulos	Gina	Social Work
Downar	James	Medicine
Downar	Jonathan	Psychiatry
Finch	Paul	Conestoga College Institute of Technology & Advanced Learning
Forte	Milena	Family & Community Medicine
Fournier	Cathy	Social Anthropology at Dalhousie U
Fournier	Tammy	Massage Therapy
Fox	Ann	Nutritional Sciences
Frost	David	Medicine
Gagliardi	Anna	Surgery
Giuliani	Meredith	Radiation Oncology
Glover Takahashi	Susan	Postgraduate Medical Education
Goguen	Jeannette	Medicine
Goldbloom	David	Psychiatry
Gotlib-Conn	Lesley	Family & Community Medicine

Gordon	Heather	University Health Network
Gupta	Rajesh	Medicine
Hanna	Elizabeth	Interprofessional Education at Bridgepoint Health
Hanson	Mark	Psychiatry
Harnett	Nicole	Radiation Therapy
Hilliard	Robert	Paediatrics
Hoogenes	Jen	McMaster University
Howard	Andrew	Surgery
Hutchinson	Clare	Paediatrics
Johnson	Ian	Public Health Science
Kendall	Sandra	Joseph & Wolf Lebovic Health Complex at Mount Sinai Hospital
Kenny	Lisa	Medicine
Kim	Sarah	Dalla Lana School of Public Health
Knickle	Kerry	Standardized Patient Program
Koppel	Cristina	London, UK
Korenblum	Marshall	Psychiatry
Kotsakis	Afrothite	Paediatrics
Kubasik	Wendy	Manager/Integrated Medical Education
Landes	Megan	Family & Community Medicine
Lax	Leila	Biomedical Communications, Institute of Medical Science
Lazor	Jana	Family & Community Medicine
Lee	Christie	Medicine
Lo	Christopher	Toronto General Research Institute
Locke	Kenneth	Medicine
Lowe	Mandy	Toronto Rehabilitation Institute
Maggi	Julie	Psychiatry
Mahmood	Tahrin	Medical Student
Malette	Claire	York University
McQueen	Sydney	McMaster University
Meier	Rosemary	Psychiatry
Mehta	Sanjay	Paediatrics
Mitchell	Gail	Nursing
Mori	Brenda	Physical Therapy
Munshi	Alpna	Psychiatry Resident
Naik	Viren	University of Ottawa
Nelson	Sioban	Nursing
Nichol	Kathryn	Dalla Lana School of Public Health
Orchanian-Cheff	Ani	Information Specialist & Archivist, UHN
Pain	Clare	Psychiatry
Parikh	Sagar	Psychiatry
Paul	Narinder	Medical Imaging
Perrier	Laure	Continuing Education
Peterkin	Allan D.	Psychiatry
Pittini	Richard	Obstetrics & Gynecology
Promislow	Sara	Faculty of Nursing

Rachlis	Anita	Medicine
Ratnapalan	Savithiri	Paediatrics
Ravitz	Paula	Psychiatry
Richards	Joy	Nursing
Richardson	Denyse	Medicine
Rogal	Stan	Standardized Patient Program
Romano	Donna	IPE & IPC at Mt Sinai Hospital
Rosenfield	Jay	Paediatrics
Saary	Joan	Occupational Medicine
Safir	Oleg	Surgery
Sander	Carole	Toronto Rehab-UHN
Sanguins	Heather	Wilfrid Laurier University
Schneeweiss	Suzan	Paediatrics
Schneider	Rayfel	Paediatrics
Schreiber	Martin	Medicine
Selles	Johanna	Emmanuel College
Shaw	James	Rehabilitation Institute-UHN
Sheehan	Kathleen	Psychiatry
Simmons	Brian	Newborn & Developmental Paediatrics
Sinclair	Lynne	Toronto Rehabilitation Institute
Smith	Cathy	Standardized Patient Program
Sockalingam	Sanjeev	Psychiatry
Soklaridis	Sophie	Centre for Addiction and Mental Health
Sohn	Brenda	St. Joseph's Health Centre
Soren	Barbara J.	Knowledge Media Design Institute
Spitzer	Rachel F.	Obstetrics & Gynaecology
Steinberg	Rosalie	Psychiatry
Stergiopoulos	Vicky	Psychiatry
Stovel	Rebecca	Medicine
Styra	Rima	Psychiatry
Syed	Khalid	Surgery
Szumacher	Ewa	Radiation Oncology
Tabak	Diana	Standardized Patient Program
Tait	Gordon	Surgery
Tassone	Maria	Physical Therapy
Ternamian	Artin	Obstetrics & Gynaecology
Tobe	Sheldon	Medicine
Ungar	Thomas	Psychiatry
Valani	Rahim A.	Emergency Medicine
Van den Heuvel	Meta	Academic Pediatric Fellow at HSC
Verma	Sunil	Medical Oncology/Hematology
Wadey	Veronica	Surgery
Wadhwa	Anu	Paediatrics
Wagner	Susan J.	Speech Language Pathology
Whatley	Shawn	Southlake Regional Health Centre
Wijer	David	Centre for Addiction and Mental Health

Windrim	Rory	Obstetrics & Gynecology
Wright	Sarah	Toronto East General Hospital
Wu	Mary	Toronto School of Traditional Chinese Medicine
Younker	Marika	Psychiatry
Yu	Eric	Medicine
Yu	Catherine	Medicine

V I S I T I N G S C H O L A R S

The Wilson Centre welcomed a series of visiting scholars from around the world in 2015: Raphael Bonvin MD, Lausanne-CHUV, Switzerland; Ian Scott MD, University of British Columbia; Marcel D'Eon MD, University of Saskatchewan; Sara Mortaz Hejri MD, Tehran University of Medical Sciences; Tanya Horsley PhD, Associate Director, Research Unit Royal College of Physicians and Surgeons of Canada; Helen Kang PhD, BC Centre for Excellence in HIV/AIDS (St. Paul's Hospital) British Columbia; Roger Kneebone MD and Fernando Bello PhD, Imperial College London; Jimmie Leppink PhD, Maastricht University, The Netherlands; Peter Nugus MD, McGill University; José Miguel Peralta MD, Argentina; Martin Pusic, Columbia University; Ann Sofia Skou Thomsen MD, Department of Ophthalmology/CEKU, Denmark; Anna Ryan MD, University of Melbourne; Abi Sriharan DPhil, Northeast Ohio Medical University; Yvel Zephyr and Chesnel P. Norceide, Justinian University Hospital, Haiti

We also welcomed three international visiting scholars in 2015 who were here for longer periods of time:

Jonathan Hong MD visited us from July 2014 to June 2015. He is a Colorectal Surgeon from Australia. He worked closely with Dr. Carol-anne Moulton and Dr. Helen MacRae on the project "Rectal Cancer Surgery: Assessing slowing down when you should". In support of his training in Canada, he received scholarship funding from Australia. Dr. Hong's interest is in knowledge translation and in assessment.

Dr Gerry Gormley, Centre for Medical Education Queens University Belfast, an academic family physician at Queen's University Belfast, Northern Ireland, visited us July and August 2015. Dr. Gormley's areas of research include OSCE triad study, ethics in simulation education, learning to manage complexity through simulation, ethnography in medical education research, to name a few.

Ann Sofia Thomsen PhD(c), Centre for Clinical Education, Copenhagen, Denmark, visited us March and April 2015. While she was here she collected data for a project examining the impact of simulator familiarization when investigating a virtual-reality performance test. This project was carried out in collaboration with Department of Ophthalmology and Vision Sciences, University of Toronto.

INTERNATIONAL VISITS

This year, Wilson Centre members visited many countries including, Ethiopia, Italy, Ireland, Mexico, Romania, Scotland, Singapore, Spain, the Netherlands, the United Kingdom, and the United States.

Where We Went

- American Association of Psychiatry and the Law Annual Conference, Ft. Lauderdale
- American College of Surgeons AEI Annual Meeting, Chicago, Illinois
- American Hepato-Pancreato-Biliary Association Annual Meeting. Miami, FL
- American Orthopaedic Society for Sports Medicine, Orlando, FL
- American Society of Clinical Oncology Annual Meeting. Chicago, Illinois
- American Society of Anesthesiologists Annual Conference, San Diego, CA
- American Sociological Association Meeting, Chicago, Illinois
- Annual Society of Teachers of Family Medicine Conference on Medical Student Education. Atlanta, Georgia
- Arthroscopy Association of North America Annual Meeting, Los Angeles, CA
- Asia Pacific Medical Education Conference, Singapore
- Association of American Medical Colleges, Baltimore, MD
- Association of Biochemistry Course Directors Annual Meeting, Santa Fe, NM
- Association of Medical Educators of Asia, Newcastle, Australia
- Association of Medical Education in Europe, Glasgow, Scotland
- Association of Surgical Education, Seattle, Washington
- Association for Academic Psychiatry Annual Meeting. San Antonio, Texas
- Canadian Conference for Medical Education, Vancouver, BC
- Canadian Association of Occupational Therapists, Winnipeg, MB
- Canadian Association for Health Services and Policy Research, Montreal, PQ
- Canadian Orthopedic Association, Vancouver, BC
- Canadian Physiotherapy Association's National Congress 2015, Halifax, NS
- Canadian Psychiatric Association Annual Conference. Vancouver, BC
- Canadian Society of Internal Medicine Annual Meeting. Charlottetown, PEI
- Canadian Society for Aesthetic Plastic Surgery, Montreal, PQ
- Canadian Sociological Association, Ottawa, ON
- Dynamics of Critical Care Conference, Quebec City, PQ
- European Association of Endoscopic Surgery. Bucharest, Bucuresti, Romania
- International Association of Medical Science Educators, San Diego, CA
- International Cognitive Load Theory Conference. Fort Collins, Colorado
- International Conference on Artificial Intelligence in Education, Madrid, Spain
- International Conference on Faculty Development in the Health Professions. Singapore
- International Conference on Integrated Care. Edinburgh, United Kingdom
- International Meeting of the Society for Simulation in Healthcare, New Orleans, Louisiana
- International Pediatric Simulation Symposia and Workshop, Vancouver, BC
- International Society of Wearable Technology in Healthcare. Amsterdam, Netherlands
- North American Primary Care Research Group Annual Meeting, Cancun, Mexico
- Pharmacy Education Conference, Prato, Italy
- Rogano Research Academy for Medical Education Meeting, Glasgow, Scotland
- Royal College of Physicians and Surgeons, Vancouver, BC
- Royal College of Physicians and Surgeons of Canada International Conference on Residency Education, Vancouver, BC
- Royal College of Physicians and Surgeons of Canada – Simulation Summit, Banff, Alberta
- Royal College of Surgeons in Ireland, Charter Day. Dublin, Ireland
- SAGSA Annual Conference, Concordia University, Montreal, QC
- Society of General Internal Medicine Annual Meeting, Toronto, ON

- Swedish Surgical Society Conference, Örebro län, Sweden
- The Annual Uniformed Services University of the Health Sciences' Education Day, Bethesda, MD
- The Society for Social Studies of Science, Denver, Colorado
- The Society for Academic Continuing Medical Education, Tampa, FL
- The Sociology & Anthropology Graduate Students Association Conference, Montreal, PQ
- University of Addis Ababa, Ethiopia

E D U C A T I O N E V E N T S

Wilson Centre Ateliers: Education research workshops

Wilson Centre Atelier: Qualitative Research – An Introduction

The Wilson Centre presented its 8th Qualitative Research Atelier program on October 6-8, 2015. Qualitative Research: An Introduction was a four-day intensive program in qualitative education research. This program is designed with the beginner qualitative researcher in mind. The Wilson Centre Atelier represents not only an opportunity to help our community build research skills but also an opportunity for the tutors to model an approach to research that underscores the need to view problems from different perspectives and to be respectful and thoughtful about theoretical and methodological diversity.

This dynamic and interactive program was led by Maria Mylopoulos, Elise Paradis, Stella Ng, Ayelet Kuper, Brian D. Hodges, Cynthia Whitehead and the participation of Mariana Arteaga, Cheryl Ku and Douglas Buller.

Wilson Centre Atelier: Say Something

The Wilson Centre presented its inaugural Say Something Atelier program on March 5 & 6, 2015. This was a two-day intensive program highlighting the effectiveness of doing presentations; introducing techniques to better understand how to write for oral communication and how to work with images to better encourage audience retention of content. Most aspects of academic and clinical communication occur within somewhat strict boundaries. This is not the case for presentations and as such it is often up to the presenter to determine the goals and intent of their presentation.

This dynamic and interactive program was led by Douglas Buller, L.J. Nelles, Cynthia Whitehead, Nikki Woods and the participation of Cheryl Ku.

The Hodges Educational Scholarship International Symposium at the Wilson Centre (THESIS)

The Wilson Centre held its 2nd one-day international health professions education scholarship symposium on March 12, 2015.

This annual symposium recognizes Dr. Brian D. Hodges' continuing contribution to scholarship in health professions education research. Dr. Hodges, director of the Wilson Centre from 2003-2011, is currently a research scientist at the Centre, the Richard and Elizabeth Currie Chair and Executive Vice-President of Education at the University Health Network.

The theme for this year was: "A Dialogue in Medical Education: The Importance of Context". We enjoyed the keynote addresses of Rachel Ellaway from Northern Ontario School of Medicine and Geoff Norman from McMaster University.

The Richard K. Reznick Wilson Centre Research Day

The annual Richard K. Reznick Wilson Centre Research Day held on October 23, once again highlighted the excellent work in health professions education research and practice conducted by faculty and students affiliated with the Wilson Centre. It was a unique opportunity to share and celebrate the remarkable depth and breadth of scholarship in health professions education underway at the University of Toronto and TAHSN. This year we were pleased to host 48 presentations (22 podium presentations, 25 poster sessions and 1 panel). Our keynote Professor Phil Brown from Northeastern University gave an engaging address entitled "Toxic, trespass: Science, activism, and policy concerning chemicals in our bodies".

The annual Richard Reznick Outstanding Research Paper award was given to Kristina Lisk (MSc BScH) for her paper entitled: Exploring cognitive integration of basic science and its effect on diagnostic reasoning in novices. The Best Poster award was a tie and thus awarded to two students: Michal Sheinis (MD(c)) for her presentation entitled: The integration of basic science and clinical knowledge in computer-assisted instruction for undergraduate medical students (authors are: Mathieu Rousseau-Gagnon, Michal Sheinis, Arnav Agarwal, Betty Howey, Nicole N. Woods); and to Quynh Huynh (MD(c)) for her presentation entitled: Client satisfaction to student-run health clinic: An evaluation of Toronto's IMAGINE Clinic -- (Quynh Huynh, Tina Hu, Joyce Nyhof-Young).

Ryan Brydges PhD, Wilson Centre Scientist, received the Wilson Centre Mentorship Award 2014-2015 in recognition of outstanding individual mentorship in the Wilson Centre Fellowship Program.

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 2014-2015, the highest rated presentation was awarded to Natashia Seemann BSc MD, Wilson Centre Fellow, for the presentation entitled: The complex phenomenon of stress in the operating room: Cool under pressure?

This year's Rounds schedule included:

January 6, 2015

Creating a professional disposition: A historical approach
Helen H Kang -- Burnaby, BC (Wilson Centre Guest)

February 23, 2015

Public health preceptor needs assessment: Identifying areas for support & recognition
Ann Fox (Presenter: Wilson Centre Member), Julie Foisy, Jennifer Schneider, Jennifer Hatchard

The complex phenomenon of stress in the operating room: Cool under pressure?
Natashia M Seemann (Presenter: Wilson Centre Fellow), VR LeBlanc, TI Gimon, D Mutabdzic, CA Moulton

Guest Presentation

March 3, 2015

The dangerous pursuit of independence
Glenn Regehr -- University of British Columbia (Wilson Centre Guest)

April 20, 2015

Therapeutic alliance in critical care
Csilla Kalocsai -- Sunnybrook Research Institute (Wilson Centre Guest)

A fresh outlook on quality indicators in education within hospitals.
Abdulla Al-Ozairi (Wilson Centre Fellow)

May 5, 2015

Student use of formative MCQ test feedback

Anna Therese Ryan -- University of Melbourne (Wilson Centre Guest)

May 25, 2015

The search for the holy plan

Jonathan Hong (Wilson Centre Visitor), Sandra de Montbrun, Mohammed Firehouse, Carol Anne Moulton, Helen Macrae

Designing for unperceived learning needs: Combating the stigma of mental illness via e-learning

Thomas Ungar (Presenter: Wilson Centre Member), Rivian Weinerman, Stephanie Knaak, Scott Patten

June 22, 2015

Fostering trust within interprofessional healthcare teams

Donna Romano, Sabrina Deutsch Salamon (Presenters: Wilson Centre Members), and Sonam Saluja

Developing online mobile-friendly multimedia and interactive patient education content

Gordon Tait (Wilson Centre Member)

October 19, 2015

Applying critical race theory to medical education: ostriches and sparrows

Malika Sharma (Wilson Centre Fellow)

Cognitive integration of basic and clinical sciences: Identification of educational strategies' characteristics associated with successful diagnostic reasoning outcomes

Jean-Marie Castillo (Wilson Centre Fellow)

November 16, 2015

Designing an assessment program for the competency-based era

Tim Dwyer (Wilson Centre Fellow)

The complex experience of surgeon stress in the operating room – N.M. Seemann (Presenter: Wilson Centre Fellow), V.R. LeBlanc, C-a E. Moulton

December 9, 2015

Cognitive load and educational design: Reflections on instruction, assessment, and self-regulation

Jimmie Leppink (Wilson Centre Guest)

Wilson Centre Professional Development Series for Fellows

The 2015 seminar series consisted of fourteen 2-hour sessions focusing on core issues in health professions education research (HPER). The seminar series is an integration of Faculty-led and Fellow-led sessions. The seminar series has three primary objectives. The first is to introduce, in a coherent and proactive fashion, common issues and challenges in HPER which are likely to arise over the course of Wilson fellows' 2-4 year program. The second objective is to provide a collegial venue for the sharing of ideas, questions and expertise regarding the dynamic and evolving landscape of scientific inquiry in health professions education. The third is to engage in critical reflection on our standard ways of operating in HPER, the values underpinning these, and opportunities for innovation and change.

Faculty-led session: CanMEDs and competency – simulated debate

Fellow-led session: Work in progress (1)

Faculty-led session: Mixed methods research – trials and tribulations

Fellow-led session: Work in progress (2)

Faculty-led session:	Grant writing: Developing and funding a research project
Faculty-led session:	How to play with numbers – experimental and social science approaches
Faculty-led session:	Current thinking on clinical reasoning - theory and evidence
Faculty-led session:	Issues in publishing your research and how to respond to reviewers
Guest session:	Dean's Address to the Wilson Centre
Faculty-led session:	Using theory to frame your research
Fellow-led session:	Work in progress (3)
Faculty-led session:	How to review manuscripts
Faculty-led session:	Clinical reasoning and simulation
Fellow-led session:	Work in progress (4)

C O L L A B O R A T I V E P A R T N E R S

- Centre for Ambulatory Care Education (CACE) at Women's College Hospital -- <http://www.womenscollegehospital.ca/>
- Michener Institute of Education at UHN http://www.uhn.ca/Education/Michener_Institute
- SIM-one Ontario Simulation Network — <http://www.sim-one.ca/>
- The Ho Ping Kong Centre for Excellence in Education & Practice -- http://www.uhn.ca/Education/Global_Leadership/Pages/CEEP.aspx
- The Joint Program in Knowledge Translation — <http://www.stmichaelshospital.com/research/kt.php>
- The Li Ka Shing Knowledge Institute at St. Michael's Hospital — <http://www.stmichaelshospital.com/knowledgeinstitute/>
- The Temerty/ Chang International Centre for Telesimulation and Innovation in Medical Education -- http://www.uhn.ca/Education/ICE/Temerty_Chang_Telesimulation_Centre
- The Toronto Addis Ababa Academic Collaboration (TAAAC) — <http://www.taaac.com/>
- The Toronto Addis Ababa Psychiatry Project (TAAPP) — <http://www.utoronto.ca/ethiopia/>
- University of Toronto Centre for Faculty Development at St. Michael's Hospital — <http://www.cfd.med.utoronto.ca/>
- University of Toronto Office of Interprofessional Education — <http://ipe.utoronto.ca/>
- University of Toronto Standardized Patient Program — <http://www.spp.utoronto.ca/>
- University of Toronto Surgical Skills Centre — <http://www.utoronto.ca/ssc/>
- University of Toronto Faculty of Medicine, Continuing Professional Development — <http://www.cpd.utoronto.ca/>
- University of Toronto Faculty of Medicine, Post MD Education (PGME & CPD) --- <http://www.pgme.utoronto.ca>
- University of Toronto Faculty of Medicine, Undergraduate Medical Professions Education -- <http://www.md.utoronto.ca/>