This report summarizes the activities and accomplishments of the Continuing Professional Development (CPD) portfolio from 2011 to 2016.

Prepared by Dr. Suzan Schneeweiss, Associate Dean, Continuing Professional Development
FACULTY OF MEDICINE

Vision: Leadership in improving health through education, research and partnerships.

Mission: We develop leaders, contribute to our communities, and improve the health of people and populations through the discovery, application and communication of knowledge.

Strategic Priorities:
- Prepare - Preparing the next generation of leaders in the health sciences
- Discover - Leading research that answers questions of fundamental and societal relevance. Translating discoveries to improve health.
- Partner - An ideal and preferred partner. A gateway to and for the world.

CONTINUING PROFESSIONAL DEVELOPMENT

Vision: International leadership in improving health through innovation in continuing education and research.

Mission: We fulfill our social responsibility by developing CPD leaders, contributing to our communities, and improving the health of individuals and populations through the discovery, application and communication of knowledge.

Values: As leaders who are committed to exceptional results, we embrace the following core values:
- Accountability
- Integrity
- Interprofessionalism
- Social Responsibility
- Inclusiveness
- Innovation
- Lifelong Learning

Strategic Directions 2011-2016:
1. Enhance best practices and faculty development for continuing education
2. Advance research, innovation and scholarship
3. Strengthen and grow practice-based education
4. Foster and embed quality improvement in continuing education
5. Promote patient and public engagement
6. Promote global and Indigenous health
Key Facts

We are Canada’s largest provider of continuing education programs for health care professionals. Attracting local, national and international audiences, our programs are the choice for those who want to learn from the best.

CPD offers programs that meet the needs of health care professionals across a number of specialties and areas. Innovative approaches in content delivery including eLearning and simulation engage professionals committed to continuous learning.

2010-11 to 2015-16 (year to date) snapshot

Total registrants: 204,000+
Total courses and conferences: 2000+
Total eLearning programs: 100
Total programs using simulation: 145
Departmental CPD Directors: 15
CPD Course Directors: 500+

Research snapshot (2010-11 to 2014-15)

CPD research funding: Approximately $34M total
# publications: 297
# research Grants: 165

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CPD’s Community of Learners

Current CPD Leadership

Vice Dean, Post MD Education (PGME and CPD)
Dr. Salvatore M. Spadafora

Associate Dean, CPD
Dr. Suzan Schneeweiss

Director, Continuing Professional Development Portfolio
Trevor Cuddy

Faculty Lead, Indigenous and Refugee Health
Dr. Anna Banerji

Manager, Marketing and Communication
Renice Jones

Academic Director, Standardized Patient Program
Dr. Brian Simmons
Introduction

Continuing Professional Development (CPD) at the University of Toronto (U of T) is a leader in the academic development of continuing education programs in Canada. Our core business is to accredit and manage CPD events by ensuring that CPD Course Directors and course developers meet U of T standards and use best practices in CPD development and course delivery. In addition we focus on CPD academic development, CPD scholarship/research and CPD global and Indigenous health programs.

CPD courses and conferences provide leading education to a broad spectrum of health professionals. Since 2010-11, learning opportunities offered by CPD attracted a global inter-professional audience with more than 204,000 learners from Canada and abroad participating in more than 2,000 courses and conferences. Alumni from the Faculty of Medicine at U of T were part of this group of engaged learners. Over 8250 University of Toronto Faculty of Medicine alumni return annually to learn through CPD because they understand the high quality and value of our programs. Our dedicated group of CPD leaders, course directors and staff provide exceptional service in creating and running innovative programs to drive change and improve healthcare. See Appendix 1 for a list of CPD’s primary contributions to CPD.

CPD underwent review by the Committee on Accreditation of Continuing Medical Education (CACME) in March 2013. CPD was found to have exemplary compliance with 10 standards and full compliance with 8 standards. Partial compliance for one standard was identified and full compliance achieved in September 2015.

The CACME identified the following institutional strengths:

1. The support for CPD provided by the Dean, Faculty of Medicine
2. Highly educated and committed professional staff.
3. Clear strategic plan with well-identified milestones monitored at six monthly intervals
4. Continuous investment and re-investment in the operation.
5. Well-developed policies and procedures that are transparent.
6. Well established and resourced program of research and innovation.

This report highlights CPD’s major accomplishments and achievements over the past five years in alignment with our 2011-2016 strategic directions to:

1. Enhance best practices and faculty development for continuing education
2. Advance research, innovation and scholarship
3. Strengthen and grow practice-based education
4. Foster and embed quality improvement in continuing education
5. Promote patient and public engagement
6. Promote global and Indigenous health

Dr. Suzan Schneeweiss MD, MEd, FRCPC became Associate Dean CPD in 2015 when the CPD program was re-aligned within the Faculty of Medicine under the Post MD Education portfolio. Previously, Dr. Dimitri Anastakis held the position of Vice Dean, Continuing Education and Professional Development from 2012-2015 and Dr. Ivan Silver was Vice Dean, Office of Continuing Education and Professional Development from 2005-2011.
CPD Overview of Core Activities

**CPD Events**

An expert team of professionals with proven success in event management and collaborative sponsorship and grant funding

**Event planning**

- International, national and local event management
- Team of Certified Meeting Professionals
- Venue selection and contract negotiation
- Speaker management
- Catering and AV setup
- Liaising tradeshow relationships
- Full marketing and communications services

**Online registration**

- Secure information
- Global payments, PCI-compliant
- Course director record keeping: self-managed and real-time access to registrant records
- Registrant record keeping: self-managed access to all CPD courses and post-event materials

**Financial services**

- Budget development and management
- Expenses tracking and reimbursements
- Cost reconciliation and financial reporting
Academic Development
Our team of educators are here to help make life easier by sharing international best practices, developing leadership skills and working in partnership with Course Directors to plan, assess and evaluate new and ongoing courses and events.

Educational consulting
• Program design and evaluation
• Educational tools and templates
• Gap analysis and needs assessment
• Outcome measurement
• Best practices and quick tips
• Adherence to highest standards of education rigor
• Custom and co-creation of courses
• Universality and transportability of content
• Multicultural and social justice issues

Leadership development
• Community of international CPD Leaders
• 8 CPD leadership and innovation awards

Scholarship and Research
World leading research services to help you transform your courses and events

Research community and networking
• Project collaboration and consulting
• Grant proposals and funding
• International Partnerships
• eRICE (Research in Continuing Education Committee) — an innovative home for CPD scholars and researchers
• RDRB Access — Comprehensive CPD literature database

CPD's scholarship/research division is evolving and will soon have a new Academic and Scholarship Director.
Key Accomplishments 2011-2016

LEADERSHIP (PREPARE)

New Opportunities in Global and Indigenous Health

Dr. Anna Banerji, Director for Global and Indigenous Health, launched the Indigenous Health Conference: Challenging Health Inequities in 2014 with 435 attendees who discussed the health disparities that exist for Indigenous people in Canada. The conference brought together an inter-professional group of health practitioners, community members and the public and aimed to increase the number of culturally competent health care providers who work with Indigenous populations. The conference won the 2015 Canadian Association for University Marketing (CAUCE) Design and Marketing Award ‘Marketing on a Shoestring’. The second Indigenous Health Conference was held May 26 and 27, 2016 with 673 attendees.

North American Refugee Health Conference

Dr. Banerji also launched the Canadian conference on refugee health in 2007 that evolved into the largest clinical conference on refugee health globally when the conference merged with its American counterparts to become the North American Refugee Health Conference. It is currently held biannually and brings together over 300 registrants from across Canada, the United States and around the world to discuss pressing issues related to refugee and migrant health. In 2015, the conference drew 475 participants.

Best Practices in CPD

In 2012, CPD offered a one-time Best Practices in CPD webinar series focusing on essential skills in continuing education for healthcare professionals who are involved in planning and delivering continuing education courses, conferences and lectures. Sessions were conducted live with opportunity to engage in interactive discussions with presenters and healthcare professionals with similar interests. The topics covered included: best practices in continuing education; technology and learning: application to personal learning; technology and learning: application to course design; evaluation: beyond the satisfaction survey; and effective presentations.

Foundations in Continuing Health Education Certificate Program

Today the webinar series has evolved into the Foundations in Continuing Health Education Certificate Program. In collaboration with key stakeholders, this program provides fundamental theory and skill acquisition in the areas of educational development, implementation and administration. It is designed to address practical issues commonly experienced in the design, development and implementation of Continuing Health Education (CHE). The program is of particular relevance to CHE administrators, educators and program planners.
Association of Medical Educators of Europe (AMEE) Conference

AMEE is one of the largest medical education meetings in the world and attracts a varied audience of over 2000 delegates from over 80 different countries. CPD is the only North American CPD group invited to the conference and since 2013 has delivered the Essential Skills in Medical Education course in Continuing Professional Development (ESCPD). The course consists of two days of training with topics ranging from the international CPD perspective to the influence of learning theory on CPD and individual to systems based CPD.

Continuing Education Leadership Program (CELP)

CELP is a certificate program designed to meet the needs of individuals who are interested in promoting excellence, innovation, and change in continuing education initiatives for health professionals. This program specifically aims to provide participants with a broad range of valuable management and leadership skills and the tools necessary to lead continuing education initiatives for health professionals in today’s complex health care environment.

In 2014 CELP won the Royal College Accredited CPD Provider Innovation Award which recognizes innovative development and implementation of educational processes, policies, resources or tools.

IDEAS Introductory Quality Improvement

CPD has partnered with the Ministry of Health and Long-term Care and 5 other universities to build knowledge, skills and a common language in quality improvement through the IDEAS (Improving and Driving Excellence Across Sectors) program. The 2-day IDEAS Introductory Quality Improvement (QI) Program is designed for physicians, nurses, other healthcare professionals and managers who are participating or would like to participate in quality improvement projects related to Ontario’s health system priorities. In 2016, the CPD Ontario Collaborative with the 6 Ontario Universities was awarded the Royal College Accredited Providers Innovation Award for the IDEAS program.

Medical Record Keeping

Medical Record-Keeping is a one-day interactive workshop with case-based exercises, peer assessment exercises and training on practice tools which aims to help participants:

- Maintain Medical Records to ensure quality of care, continuity of care, assessment of care, and evidence of care.
- Navigate and apply the components and direction in the CPSO Medical Records Policy.
- Assess and improve medical records according to criteria defined in the Policy.

This program runs 16 times per year with approximately 20 participants per session. To date, 727 people have participated in this course.

A Fine Balance: Workshops for Women in the Healthcare Professions

CPD provides a series of locally run workshops in 2012 for physicians, nurses, pharmacists, midwives and other health professions related to wellness, mindfulness and lifestyle balance.
Re-Branding CPD

In 2013, CPD re-branded itself as part of a new phase of expansion and development in order to position itself as a strategic partner in transforming healthcare in Ontario and beyond. “Continuing Professional Development (CPD)” replaced the previous “Continuing Education and Professional Development (CEPD)” in order to bring greater focus to professional development and the unit’s expanded emphasis on Quality Improvement and Performance/Professional Improvement. Key new staff roles were added – Academic Program Development (Dr. Suzan Schneeweiss) and Global Health and Aboriginal Affairs (Dr. Anna Banerji) – CPD Research was expanded under Dr. Simon Kitto, and the portfolio was expanded with the addition of I+E (Innovations in Education) and the Standardized Patient Program (SPP). The rebranding also brought CPD communications closer in line with University of Toronto branding, primarily to enhance the connection with the university and build on U of T’s world-wide reputation.

Technology Advances

CPD has made IT advances in the following areas:
- Revamped CPD website using a new open source framework.
- Launched CPD Connect Blog to connect more often with the greater CE community by sharing activities, stories about health care professionals, office news and research developments.
- Mobile-optimized websites were introduced for a number of CPD’s large conferences and twitter discussion feed was integrated for the CME Congress and annual Update in General Surgery. The mobile-optimized sites feature content such as abstracts, speaker biographies and speaker presentations.
- Webcasting was introduced to help faculty deliver programming in innovative and convenient ways such as webcasting locally or internationally, from a single site or multi-sites.
- Social media usage has increased incorporating event marketing strategies such as email blasts, Twitter, Facebook and LinkedIn.

Event Management Software (EvMS)

Information services continues to develop its EvMS software and its growing list of clients, which include the Universities of Toronto, British Columbia, Manitoba and Ottawa, and SimONE. CPD is currently examining other software and learning management systems with a view to developing more advanced technology that, in addition to the current registration system, would provide more comprehensive learner data for courses and tracking.

INNOVATION (CHANGE)

Simulation based events

Simulation provides opportunities for learning using a variety of tools including hi-fidelity simulators, task trainers, computer-based images and standardized patients. CPD continues to innovate in this method and offers 145 simulation-based learning opportunities over the past 5 years. Simulation learning allows practitioners to demonstrate and receive feedback related to their application of knowledge, clinical reasoning, communication, problem-solving and/or ability to collaborate and work effectively in a health care team.
ACPAC Partnership: Advanced Clinician Practitioner in Arthritis Care Program across Canada

ACPAC is an innovative, interprofessional, academic and clinical education training program in advanced musculoskeletal/arthritis care hosted by St. Michael’s Hospital, in collaboration with The Hospital for Sick Children. It is a certificate-based program offered at the post-licensure level accredited through CPD. The program focuses on the assessment, diagnosis, triage and independent, but collaborative management of select musculoskeletal (MSK) and arthritis related disorders in adults, children and adolescents. The aim of the program is to prepare experienced physical therapists, occupational therapists and nurses for extended practice roles and to facilitate the development of innovative models of arthritis care across various clinical settings in Ontario. In 2012 Dr. Rachel Shupak was awarded the Queen Elizabeth II Diamond Jubilee Medal by the Arthritis Society. In 2015 the program was awarded the Clinical Innovation Award by the Arthritis Health Professional Association and Dr. Katie Lundon was awarded the Canadian Physiotherapy Association Award for enhancing the practice of physiotherapy through long-term contribution to this program.

Safe Opioid Prescribing

Safe Opioid Prescribing is designed to support physicians and other primary care providers to develop multi-modal approaches to complex chronic pain. This innovative blended learning flipped classroom program has four components: three interactive synchronous webinars (Assessing Complex Chronic Pain, Prescribing Opioids for Chronic Pain, and Addressing Opioid Challenges and Addictions) followed by a one-day problem-based learning small group workshop. This program has attracted more than 350 participants across Canada over the past 2 years and addresses the national opioid crisis with education of safe and appropriate approaches to opioid prescribing.

Application of QI principles to CPD

A number of Clinical Departments are integrating QI principles into their CPD activities. In 2014, the Department of Psychiatry became the first Psychiatry department to become an Association of American Medical Colleges (AAMC) Aligning and Educating for Quality (ae4Q) program site. The AAMC ae4Q supports institutions in aligning continuing education with quality improvement (QI) initiatives. The AAMC ae4Q site program identified current gaps in the alignment of continuing professional development (CPD) and QI in the department. As a result, a national qualitative study was conducted to better understand the national landscape of CPD and QI integration in mental health and explore perspectives of Psychiatry leaders and Psychiatry CPD leads in Canada. The study results highlighted distinct features of CPD and QI mental health including a shared belief that QI and CPD outcomes were measurable and uncertainty about how these areas of mental health could be aligned in our current context. Training in QI was felt to be an instrumental initial step toward integrating CPD and QI in Psychiatry. Subsequently, the Department of Psychiatry has championed a series of CPD activities aimed to bridge gaps in the alignment of CPD and QI through increased support for faculty QI training, creation of a QI culture through quality specific learning activities (e.g. morbidity and mortality rounds in mental health), and the development of performance-based CPD activities to address practice gaps related to mental health quality of care.

The Department of Medicine has worked to lead the development, implementation and evaluation of new models of delivering continuing education. These models integrate clinical, quality improvement and patient safety (QI&PS) content. In the past year, QI&PS topics were regularly featured in citywide and hospital grand rounds. The department continues to support the Quality Grand Rounds format during grand rounds and integrated QI&PS into several Divisional Annual Research & Education Days.
Innovating in eLearning

A number of innovative eLearning initiatives have been developed by CPD partner departments and organizations. For example, the Department of Anesthesia runs the CME Online Anesthesia Rounds, as well as the Perioperative Interactive Education online program. In addition, the Thoracic Anesthesia group of the Toronto General Hospital has created an online bronchoscopy simulator to improve Anesthesiologist’s skills in providing lung isolation for thoracic anesthesia by learning bronchial anatomy. The Simulator and Quiz can be accessed on the website www.ThoracicAnesthesia.com.

The Department of Psychiatry provides another example of innovative eLearning through its Training Enhancement in Applied Cessation Counselling and Health (TEACH) Program. The TEACH program ensures that family physicians and other health care providers can obtain the essential knowledge and skills to deliver specialized intensive cessation counselling. The program is offered as a dynamic online competency-based certificate program and is interactive, using innovative learning objects, simulations, videos, case studies and discussion boards.

Innovations in Education Office

The Innovations in Education Office is a Faculty of Medicine business unit that supports, develops and helps translate health education opportunities from the Faculty of Medicine in partnership with the University of Toronto community and partners. The office hosts the InnovatingEdu Seminar Series, workshops that introduce health sciences faculty and staff to innovative tools and technologies that enable new ways of creating, presenting and distributing content. Topics include: new technologies, trends in education; key issues like copyright and trademarks; how to generate new revenues; and how to network with like-minded people.

Standardized Patient Program (SPP)

The Standardized Patient Program (SPP) was founded in 1984 to support the teaching of undergraduate medical students. Over the years, the program grew in many directions, and at its peak in 2014 had 120 internal and external clients, was delivering on 450 projects per year, and had annual revenues in excess of $3,500,000. With this growth the program had developed a number of foci, including: teaching, assessment, national and international consulting services, instructional media production, research and knowledge dissemination.

Since 2009 the program has been part of the Continuing Professional Development Portfolio. Dr. Brian Simmons, Associate Professor of Pediatrics, was appointed as Program Director on July 1, 2011 and concluded his term July 1, 2015. At the conclusion of his term as Director, Dr. Simmons was appointed to a newly created position of Academic Director with the SPP. Since July 1, 2015, Trevor Cuddy, Director of the Continuing Professional Development Portfolio has served as the acting Director. Since July 1, 2016 the program has reported directly to the Vice-Dean Post MD Education.

Under Dr. Simmons’ leadership, the program developed a 5 year strategic roadmap. The roadmap identified 4 goals: develop an academic mandate; improve operational effectiveness and efficiency; achieve fiscal sustainability; and, be recognized as a leader in experiential education. The plan raised considerable concerns about the financial sustainability of the program as a self-funded unit. Due to the loss of a number of major external clients, and budget cuts faced by internal clients, the program incurred significant financial losses. Hence, in March 2016, an administrative reorganization of the SPP was implemented to establish financial stability and to refocus the unit on providing services to support the core mission of the Faculty of Medicine.
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**Comprehensive Family Practice Review**

The Comprehensive Family Practice Review is an innovative program built on the CanMEDS-FM framework, designed to equip primary care physicians with high quality skills for 21st century practice. CanMEDS-FM roles are developed in the context of a deeper exploration of clinical topics relevant to family practice. Therapeutic themes include chronic disease management, family medicine across the life cycle, preventive medicine and health promotion, mental health, and challenging situations in practice.

This longitudinal, small group program ran over the course of 5 weekends with iterations in 2010-2011, 2011-2012 and 2012-2013. In 2013-2014 individual one-day workshops were offered addressing communication, collaboration and professionalism skills. This scholarly work was presented at multiple national and international meetings including the following:

- Family Medicine Forum, 2011
- Department of Family and Community Medicine Walter Rosser day, 2013
- Canadian Association of Continuing Health Education Conference, 2011
- National Accreditation Conference, 2011
- Association of Medical Education in Europe Conference, Lyon France 2012

**SCHOLARSHIP (DISCOVER)**

**Research/Scholarship**

From 2012 to 2014, Dr. Simon Kitto launched the CPD research program which aimed to strengthen the linkages between CPD and knowledge translation, quality improvement, and patient safety, both at the level of investigator collaboration and in the focus of research projects. The CPD research foci are:

1. Self-directed learning through innovative use of technology
2. Continuing interprofessional education in the workplace
3. Strategic integration of continuing education theories, methodologies and practices with Quality Improvement, Knowledge Translation and Patient Safety initiatives, and
4. The involvement of patient and family in interprofessional teamwork and education.

See Appendix 2 for a full listing of CPD research funding, publications and grants.

**eRICE (Research in Continuing Education)**

eRICE is a virtual interprofessional community of practice created to promote knowledge sharing and foster the advancement of continuing professional development (CPD) research, scholarship, education and innovation.

The specific objectives of eRICE are:

1. To highlight innovative and emerging areas in CE research.
2. To build a community of practice in CE scholarship and research at the University of Toronto.
3. To increase research capacity to conduct CE scholarship and research.
In 2014, eRICE began a transition to an online platform where presentations are now facilitated through interactive webinar and hosted for continuous feedback from the global CPD and CE research and education community.

**Awards**

CPD offers the following awards each year to celebrate excellence in continuing education (see award descriptions in Appendix 3):

- Colin R. Woolf Award for Sustained Excellence in Contributions to Continuing Education
- Colin R. Woolf Award for Excellence in Course Coordination
- Colin R. Woolf Award for Excellence in Teaching at Continuing Education Events
- Ivan Silver Innovation Award
- David Fear Fellowship
- Fred Fallis Award in Distance Education
- Interprofessional Health Care Team Continuing Education Award
- Dave Davis Research Award

**COMMUNITY (PARTNERS)**

**New Commercial Sponsorship Policy and Disclosure Form**

CPD released a new Policy on Sponsorship from Commercial Sources of University of Toronto Accredited Continuing Education Activities in 2012. The new policy is in compliance with the accreditation criteria of The College of Family Physicians of Canada and the Royal College of Physicians and Surgeons of Canada and is intended for use as a comprehensive policy to guide planners and developers of CE activities in the Faculty of Medicine. An updated Faculty Disclosure Policy and Declaration Form was also released to reflect changes introduced in the new policy. Faculty and Planning Committees are now expected to identify and fully disclose any potential conflicts of interest covering relevant relationships within the last five years (versus 3 years stated in the previous policy).

**Strategic Communications**

A new Strategic Communications division was introduced to transform and integrate all communications across CPD, leverage U of T’s global reputation in CPD products and services, and to enhance CPD’s reputation by rebranding the portfolio and its components with a strong market-driven platform and value proposition.

**Expanded Education Consultant services**

The design and development of continuing education, especially in the dynamic field of healthcare, involves leveraging a distinct set of skills, and represents a unique area of expertise which includes knowledge of adult and organizational learning principles, systematic educational design and evaluation methodologies.

Recognizing the importance of applying best practices in course identification, design, development, delivery and measurement, CPD offers free access to Education Consulting experts to advise Course Directors on best practices in continuing education and professional development, program development/design (needs assessment, objectives, education/learning formats), evaluation strategies and other essential
components of accreditation/sponsorship—all consistent with delivering outcome-based continuous learning experiences.

CPD’s Education Consultants ensure that important health issues and learning best practices are identified, understood and addressed in program design and delivery, to foster improved health outcomes.

Support of departmental CPD activities and collaboration with other educational units and departments. Continuing Professional Development is fortunate to have a dedicated group of continuing education directors and leaders committed to providing high quality CPD programs. With 15 Departmental CPD Directors and Other CPD Leaders (see Appendix 4), and more than 500 course directors, a wide range of programs are offered to meet the diverse needs of our learners. These individuals serve a vital role in advancing lifelong learning for health care professionals and improving quality of health care to our patients. See Appendix 5 for a summary of each clinical department’s CPD activities.

The Next Five Years

The next five years will see tremendous change in the field of continuing professional development as we integrate new technologies for learning, incorporate workplace and team-based learning into everyday practice and utilize quality improvement and patient safety data to drive performance improvement and advance the care of our patients and populations.

A summary of how CPD’s 2011–2016 accomplishments and contributions align with CPD’s strategic goals and anticipated outcomes can be found in Appendix 6. CPD is reviewing and renewing its strategic plan in 2016 with a clear focus on the following directions:

1. Leadership
   - Enhance best practice and faculty development for continuing education
   - Promote global and indigenous continuing professional development
2. Innovation
   - Strengthen practice-based education
   - Foster QI in CE
3. Scholarship
   - Advance research, innovation and scholarship
4. Community
   - Promote Patient and Public Engagement
   - Continuing IPE
## APPENDIX 1 – CPD’s Primary Contributions to Continuing Professional Development

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<td><strong>ACPAC Partnership:</strong> Advanced Clinician Practitioner in Arthritis Care Program across Canada</td>
<td>ACPAC is an innovative, interprofessional, academic and clinical education training program in advanced musculoskeletal/arthritis care hosted by St. Michael’s Hospital, in collaboration with The Hospital for Sick Children. It is a certificate-based program offered at the post-licensure level accredited through CPD. The program focuses on the assessment, diagnosis, triage and independent, but collaborative management of select musculoskeletal (MSK) and arthritis related disorders in adults, children and adolescents. The aim of the program is to prepare experienced physical therapists, occupational therapists and nurses for extended practice roles and to facilitate the development of innovative models of arthritis care across various clinical settings in Ontario.</td>
<td>Delivered annually in an episodic format, including 5 weeks of on-site attendance in Toronto, across a ten-month period.</td>
<td>Approx. 7-10 per year since 2005-06</td>
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<td><strong>IDEAS Introductory Quality Improvement</strong></td>
<td>The 2-day IDEAS Introductory Quality Improvement (QI) Program is designed for physicians, nurses, other healthcare professionals and managers who are participating or would like to participate in quality improvement projects related to Ontario’s health system priorities. CPD partners with the provincial government and 5 other universities on this course.</td>
<td>9 courses 2014-2016</td>
<td>462 attendees</td>
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<td><strong>Association of Medical Educators of Europe (AMEE) Conferences</strong></td>
<td>AMEE is amongst the largest medical education meetings in the world and although it is based in Europe, it attracts a varied audience of over 2000 delegates from over 80 different countries. In addition to the Annual Meeting, AMEE offers 8 Essential Skills courses which are accredited and offer certificates of completion. CPD is the only North American CPD group invited to the conference and since 2013 has delivered the Essential Skills in Medical Education course in Continuing Professional Development (ESCPD). The course consists of two days of training with topics ranging from the international CPD perspective to the influence of learning theory on CPD and individual to systems based CPD.</td>
<td>2013 Prague 2014 Milan 2015 Glasgow 2016 Barcelona</td>
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<tr>
<td><strong>North American Refugee Conference</strong></td>
<td>The North American Refugee Health Conference brings together over 300 registrants from across Canada, the United States and around the world to discuss pressing issues related to refugee and migrant health.</td>
<td>Canadian Refugee Health 2009 – 2011</td>
<td>2009: 241</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2013: 427</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>2015: 475</td>
</tr>
<tr>
<td><strong>Indigenous Health Conference</strong></td>
<td>Created by Dr. Anna Banerji, Director of Global and Indigenous Health at CPD, the inaugural Indigenous Health conference was held in Toronto in 2014 with 435 attendees. The conference allowed for the discussion of health disparities that exist for Indigenous people in Canada and equipped health care providers with an understanding of how to better serve this population. The second Indigenous Health Conference will be held in May 2016.</td>
<td>2014</td>
<td>2014: 453</td>
</tr>
<tr>
<td><strong>Continuing Education Leadership Program (CELP)</strong></td>
<td>CELP is a certificate program designed to meet the needs of individuals who are interested in promoting excellence, innovation, and change in continuing education initiatives for health professionals. This program specifically aims to provide the participants with a broad range of valuable management and leadership skills and the tools necessary to lead continuing education initiatives for health professionals in today’s complex health care environment.</td>
<td>2010 – 2013</td>
<td>2010: 13</td>
</tr>
<tr>
<td></td>
<td></td>
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<td>2012: cancelled</td>
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<td>2013: 13</td>
</tr>
</tbody>
</table>
### APPENDIX 1 – CPD’s Primary Contributions to Continuing Professional Development

<table>
<thead>
<tr>
<th>CPD Course</th>
<th>Description</th>
<th>Offered</th>
<th># Participants</th>
</tr>
</thead>
</table>
| eRICE: Research in Continuing Education     | eRICE is a virtual interprofessional community of practice created to promote knowledge sharing for the advancement of CPD research, scholarship, education and innovation.  
  
eRICE operates to achieve the following three objectives:  
  1. To share information on innovative and emerging areas in CPD research and education  
  2. To build a global community of practice in CPD research and education  
  3. To increase research capacity to conduct CPD research and education  
  In 2014, eRICE began a transition to an online platform where presentations are now facilitated through interactive webinar and hosted for continuous feedback from the global CPD and CE research and education community. | eRICE sessions are held five times a year                              |                        |
| Medical Record Keeping                      | Medical Record-Keeping is a one-day interactive workshop with case-based exercises, peer assessment exercises and training on practice tools which aims to help participants:  
  • Maintain Medical Records to ensure quality of care, continuity of care, assessment of care, and evidence of care.  
  • Navigate and apply the components and direction in the CPSO Medical Records Policy.  
  • Assess and improve medical records according to criteria defined in the Policy.  
  This course is formally recognized by the College of Physicians and Surgeons of Ontario (CPSO). | 16x / yr  
  2012 – 2016 to date                                                                 | 727 to date in 2016                                                   |
**APPENDIX 1 – CPD’s Primary Contributions to Continuing Professional Development**

<table>
<thead>
<tr>
<th>CPD Course</th>
<th>Description</th>
<th>Offered</th>
<th># Participants</th>
</tr>
</thead>
</table>
| Safe Opioid Prescribing                         | Safe Opioid Prescribing is designed to support physicians and other primary care providers to develop multi-modal approaches to complex chronic pain. This innovative, blended learning, flipped classroom program has four components: three interactive synchronous webinars (Assessing Complex Chronic Pain, Prescribing Opioids for Chronic Pain, and Addressing Opioid Challenges and Addictions) followed by a one-day problem-based learning small group workshop. Each cohort of participants includes 50-75 physicians and other health care providers who can prescribe opioids for chronic pain. | Webinars 3 x / yr  
2013: 4 cohorts; one module format  
2014 – 2016: 8 cohorts to date; 3 module format  
Workshops 2 x / yr  
2014 – 2015                                                                 | 2013: 74  
2014–2016: 346  
2014–2015: 94                                      |
| Foundations in Continuing Health Education Certificate Program | In collaboration with key stakeholders, this program provides fundamental theory and skill acquisition in the areas of educational development, implementation and administration. It is designed to address practical issues commonly experienced in the design, development and implementation of Continuing Health Education (CHE). The program is of particular relevance to CHE administrators, educators and program planners. | 2015-2016                                                                                      | 12                   |
| A Fine Balance: Workshops for Women in the Healthcare Professions | A series of locally run workshops for physicians, nurses, pharmacists, midwives and other health professions related to wellness, mindfulness and lifestyle balance. | No longer offered. Ran three times between 2011 and 2013.                                       | Approx. 50 participants over 3 programs.                                                        |
| Comprehensive Family Practice Review            | The Comprehensive Family Practice Review is an innovative program built on the CanMEDS-FM framework, designed to equip primary care physicians with high quality skills for 21st century practice. CanMEDS-FM roles are developed in the context of a deeper exploration of clinical topics relevant to family practice. Therapeutic themes include chronic disease management, family medicine across the life cycle, preventive medicine and health promotion, mental health, and challenging situations in practice. | No longer offered. Ran annually from 2010-11 to 2012-13.                                         | 52 participants over 3 years.                                                                 |
APPENDIX 2 – CPD Grants and Publications

2014-15

Grants

Obstetrics and Gynaecology
Recipients: Balki M, Cooke ME, Windrim R
Project: High-fidelity simulation to assess interprofessional teamwork in obstetric crisis management
Agency: Ontario AHSC AFP Innovation Funds
Amount: $124,437
Term: 2013-2015

Project: The role of simulation training on shoulder dystocia management and its effect on the incidence of brachial plexus injury
Agency: Ontario AHSC AFP Innovation Funds
Amount: Year 1 funding $20,856
Term: 2014-2016

Occupational Science and Occupational Therapy
Project: Modular Online Framework for Public Education, Undergraduate & Entry-level Professional Curriculum, & Post-Professional Certification
Agency: ITF grant
Term: Second year

Paediatrics
Project: Test-Enhanced Continuing Education – A Randomized Controlled Trial
Agency: Education Development Fund, U of T
Amount: $19,250
Term: 2015-2016

Recipients: King G, Servais M, Shepherd T, S Moodie, Parker K, Willoughby C, Bolack L, Baldwin P
Project: Development of a listening skill simulation intervention for pediatric rehabilitation therapists
Agency: SIM-one Simulation Research and Innovation Grant, Ontario Simulation Network
Amount: $24,855
Term: 2013 – 2015

Recipients: Martimianakis M.A., (PI) Mylopoulos M, Schneider R, Tse S
Project: “It’s not just about getting along”: Discourses of collaboration and team learning.
Agency: Royal College CanMeds Education Grant
Amount: $23,910
Term: 2014-2016
APPENDIX 2 – CPD Grants and Publications

Recipients: Kwan C, Boutis K, Fischer J, Pecaric M, Pusic M
Project: Learning the interpretation of point-of-care emergency ultrasound Images.
Agency: Academic Pediatric Association
Amount: $10,000
Term: Mar 2014 – May 2015

Recipients: Boutis K
Project: Learning retention and the timing of refresher education after the deliberate practice of radiograph interpretation
Agency: Royal College of Physicians and Surgeons of Canada
Amount: $13,333
Term: December 2011- December 2014.

Radiation Oncology
Recipients: Giuliani M, Gillan C
Project: High Fidelity eLearning to support competency-based residency training: radiation oncology as a testing ground.
Agency: EDF Grant

Publications


Family and Community Medicine


Medicine


APPENDIX 2 – CPD Grants and Publications


Obstetrics and Gynaecology


Ophthalmology


Paediatrics


APPENDIX 2 – CPD Grants and Publications


Psychiatry


Radiation Oncology


APPENDIX 2 – CPD Grants and Publications

2013-14

CE Research and Development Grants

Recipients: Easty T
Amount: $4,750.00

Recipients: Grantcharow T
Project: Evaluating an Approach to the Competency-Based Training and Assessment of Non-Technical Skills in Surgical Residency
Term: $4,950.00

Recipients: Sockalingam S
Project: The Future of Quality Improvement and Continuing Professional Development in Psychiatry: How Can They Co-exist?
Amount: $4,990.00

Recipients: Ng S
Project: An Online Flipped Classroom Experience in Continuing Professional Development
Amount: $4,956.72

Recipients: Razak F
Project: Evaluating the Effectiveness of 'The Rounds Table', a Novel Medical Podcast for Continuing Professional Education
Amount: $5,000.00

Recipients: Sadavoy J
Project: Development of Innovative Tools for Teaching, Training, and Fidelity Measurement of a Complex Intervention in Geriatric Mental Health
Amount: $5,000.00

Publications


APPENDIX 2 – CPD Grants and Publications


Family and Community Medicine


Laboratory Medicine & Pathology


APPENDIX 2 – CPD Grants and Publications


**Medicine**


APPENDIX 2 – CPD Grants and Publications

MacNeill H, Telner D, Sparaggis-Agaliotis A, Hanna E, All for One and One for All: Understanding Health Professionals’ Experience in Individual Versus Collaborative Online Learning (pages 102–111), Article first published online: 17 JUN 2014 | DOI: 10.1002/chp.21226


PMID: 23775908 [PubMed - indexed for MEDLINE]


Obstetrics


Paediatrics


APPENDIX 2 – CPD Grants and Publications


Physical Therapy


Radiation Oncology


APPENDIX 2 – CPD Grants and Publications
2012-13

RICE Peer Reviewed Grants
Recipients: Brouwers M, Bhattacharyya O
Project: Innovations to enhance the capacity of practice guidelines to improve health and healthcare systems: AGREE- REX (Recommendation Excellence)
Agency: Canadian Institutes of Health Research (CIHR)
Amount: $602,124 CAD
Term: 2013 Aug - 2016 Mar

Recipients: Harris S, Bhattacharyya O
Project: Transformation of Indigenous Primary Healthcare Delivery (FORGE AHEAD): Community-driven Innovations and Strategic Scale-up Toolkits
Agency: Canadian Institutes of Health Research (CIHR)
Amount: $2,500,000 CAD
Term: 2013 Apr - 2018 Mar

Recipients: Stewart M, Bhattacharyya O
Project: Patient-Centred Innovations for Persons with Multimorbidity
Agency: Canadian Institutes of Health Research (CIHR)
Amount: $2,500,000 CAD
Term: 2013 Apr - 2018 Mar

Recipients: Liu P, Campbell NR, Tobe SW, Yeates K, Bhattacharyya O (C), Kilondo K, Lum-Kwong M, Wentworth J
Project: DREAM-GLOBAL: Diagnosing Hypertension - Engaging Action and Management in Getting Lower BP in Aboriginal and LMIC - A Research Proposal
Agency: Canadian Institutes of Health Research (CIHR)
Amount: $1,804,100 CAD
Term: 2012 Jul - 2017 Jun

Recipients: Aaron S, Gupta S
Project: Strategies to Improve Diagnosis and Treatment of Asthma in Canadians
Agency: Canadian Institutes of Health Research (CIHR), Operating Grant (Health Services Committee)
Amount: $1,162,410 CAD 2012 Jul - 2013 Jun: $232,482 CAD (prorated)
Term: 2011 Jul – 2016 Jun

Recipients: Gupta S
Project: EAAPS - The Electronic Asthma Action Plan System for Implementation in Primary Care. Knowledge Translation in Asthma Study
Agency: Canadian Institutes of Health Research (CIHR), Knowledge-to-Action Grant
Term: 2011 Apr - 2014 Mar
APPENDIX 2 – CPD Grants and Publications

Recipients: Garvey N, Liskai C, Cafazzo J, Gupta S
Project: Consumer Access to Personal Health Information for Asthma Self-Management
Agency: Canada Health Infoway
Amount: $1,362,000 CAD 2012 Jul – 2013 Jun: $527,226 CAD (prorated)
Term: 2012 Jun – 2014 Dec

Recipients: Ohshima N, Bontje P, Oneyama H, Yoshiura T, Reeves S, Kitto S
Project: Interprofessional disaster preparedness for Japanese health care students and professions
Agency: Ministry of Health, Japan
Amount: $133,000 CAD
Term: 2013 – 2016

Project: An integrated multi-faceted knowledge translation intervention to improve bone health in men receiving androgen deprivation therapy for prostate cancer.
Amount: $99,919 CAD
Term: 2013 – 2015

Recipients: Reeves S, Mischo-Kelling M, Tappeiner W, Lochner L, Vittadello F, Kitto S
Project: Interprofessional collaboration within the health professions in South Tyrol, Italy: How do the different professions view and evaluate the current status of inter-professional collaboration
Agency: National Agency: Provincia Autonoma di Bolzano Italy
Amount: €272,625 EURO
Term: 2013-2015

Recipients: Morrow R, Norwood C, Kitto S, Alexis K, Tiburcio J
Project: Peer Education with Intersecting Networks: The SACME Project in South Bronx Public Housing - Implementing the Diabetes Prevention Program Among those Most at Risk and their Healthcare Providers
Agency: Society for Academic CME Research Support Grant
Amount: $10,000 USD
Term: 2013-2014

Recipients: Reeves S, Kitto S, Provonost P, Grouper M, Aboumatar H, Wachter B
Project: Understanding the nature of interprofessional teamwork in intensive care units: A multi-institutional ethnographic study
Agency: Gordon & Betty Moore Foundation, California
Amount: $2,167,937 USD
Term: 2012-2015
APPENDIX 2 – CPD Grants and Publications

Recipients: Masiello I, Löfgren S, Ericson A, Bolinder G, Reeves S, Kitto S
Project: Interprofessional competencies in a student-led clinical setting
Agency: Karolinska University Hospital, Karolinska Institutet
Amount: $162,000 AUD
Term: 2012

Recipients: Moulton CA, Murnaghan ML, Martimianakis T, Kitto S
Project: Pressures on surgeons to ‘measure up’ and their effects on surgical judgment
Agency: Physicians’ Services Foundation
Amount: $99,043 CAD
Term: 2011-2013

Recipients: Parikh S.V, Michalak, E.
Project: “Quality of Life, Stigma, and Bipolar Disorder: A Collaboration for Change”
Agency: Canadian Institutes for Health Research
Amount: $200,000 CAD
Term: 2010-2012

Recipients: Parikh S.V, Michalak, E., Hawke LD
Project: Stigma and bipolar disorder: A novel knowledge translation initiative
Agency: University of Toronto CEPD Research Fund
Amount: $5,000 CAD
Term: 2012-2013

Recipients: Michalak, E and Parikh S.V.
Project: Improving Care and Wellness in Bipolar Disorder: A collaborative knowledge translation network
Agency: Canadian Institutes for Health Research
Amount: $600,000 CAD
Term: 2011-2014

Project: Identifying Intensive Care Unit Discharge Planning Tools
Agency: Canadian Institutes of Health Research
Amount: $49,982 CAD
Term: 2012-2013

Project: Systematic reviews of the evidence that tests for chronic cerebrospinal venous insufficiency (CCSVI) are valid and reproducible, that CCSVI is associated with multiple sclerosis, and of the benefits and harms of endovascular therapy for multiple sclerosis.
Agency: Canadian Institutes of Health Research
Amount: $99,300 CAD
Term: 2012
APPENDIX 2 – CPD Grants and Publications

Recipients: N Salbach
Project: Bringing Research Findings into Action to Improve Walking Recovery After Stroke
Agency: Early Researcher Award-Round 8, Ontario Ministry of Economic Development and Innovation
Amount: $150,000 CAD
Term: 2012 April – 2018 March

Project: Evaluating the uptake of a new evidence-informed e-resource module for rehabilitation professionals to enhance the care and treatment of people living with HIV and AIDS (PHAs).
Agency: Canadian Institutes of Health Research Knowledge to Action
Amount: $195,258 CAD
Term: 2012 March – 2013 March

Recipients: M MacKay-Lyons, N Salbach, M Ploughman
Project: Enhancing health outcomes and well-being of stroke survivors through improved clinical application of cardiovascular fitness interventions: Development of an implementation trial of best practice recommendation
Agency: CIHR Meetings Grant competition, March 2012
Amount: $20,000 CAD
Term: 2011 May – March 2013

Project: StrokEngine: An interactive e-learning resource for moving evidence-based stroke rehabilitation into clinical practice – Continuation Project
Agency: Canadian Stroke Network
Amount: $254,700 CAD
Term: 2010 April – March 2013

Recipients: N Salbach, J Clyde, D Brooks, J Cameron
Project: Evaluating the psychometric properties of the Evidence-based practice confidence (EPIC) scale among occupational therapists
Agency: Continuing Education Research and Development Award, Faculty of Medicine, University of Toronto
Amount: $3,413 CAD
Term: 2011 July – 2012 June

Recipients: N Salbach, S Jaglal
Project: Evaluating test-retest reliability and construct validity of a new scale measuring self-efficacy to implement evidence-based practice among physiotherapists
Agency: University of Toronto Faculty of Medicine Dean’s Fund Award
Amount: $9,999 CAD
Term: 2007 July – 2012 June
APPENDIX 2 – CPD Grants and Publications

Recipients: Silver I, Sargeant J, Mann K, Holmboe E
Project: Performance feedback to inform self-assessment and guide practice improvement: Developing and testing a feedback facilitation model
Agency: Society for Academic CME Manning Award
Amount: $100,000 USD
Term: 2011 - 2013

Recipients: Rosewall T, Butler A, Higgins J, Slapnicar E, Wiljer D
Project: The 8th Annual Toronto Radiation Medicine Conference; RTi3: Inquire, inspire & innovate
Agency: Canadian Institutes of Health Research (CIHR)
Amount: $20,000 CAD
Term: July 2011-June 2012

Recipients: Wong BM, Goguen J, Rotteau L, McIntyre K, Kuper A, Shojania K
Project: Building Capacity for Quality: A Realist Evaluation of a Co-Learning Model for Resident Education and Faculty Development in Quality Improvement
Agency: University of Toronto, Department of Medicine Educational Scholarship & Research Grant
Amount: $12,712 CAD
Term: 2013 Jan - 2013 Dec

Project: Teaching medical error disclosure skills to postgraduate internal medicine, surgery and pediatrics trainees
Agency: Royal College of Physicians and Surgeons of Canada (The). AMS/CanMEDS Research and Development Grant
Amount: $24,804 CAD
Term: 2012 Jul - 2014 Dec

Recipients: Matlow A, Borschel T, Wong BM, McDonald-Blumer H
Project: Integrating a focus on quality of care into a longitudinal ambulatory care rotation
Agency: University of Toronto. Education Development Fund for Innovation in Education
Amount: $10,275 CAD
Term: 2012 Jul - 2013 Jun

Project: Seeing the forests and the trees: Innovative approaches to exploring heterogeneity in systematic reviews of complex knowledge translation interventions to enhance policy decision making.
Agency: Canadian Institutes of Health Research (CIHR), Operating Grant, 275038
Amount: $200,634 CAD 2012 Jul - 2013 Jun: $63,358 CAD (prorated)
Term: 2012-2013
APPENDIX 2 – CPD Grants and Publications

Project: Translating evidence to improvements in care and outcomes for people with diabetes
Agency: Canadian Institutes of Health Research (CIHR), Partnerships for Health Services Improvement competition, 276737
Amount: $24,995 CAD 2012 Jul - 2013 Jun: $11,536 CAD (prorated)
Term: 2012-2013

Awarded but Declined

Recipients: Stroud L, Wong BM, Coffey M, Papia G, Nousiainen M, Atkinson A, McDonald-Blumer H, Matlow A
Project: Teaching medical error disclosure skills to postgraduate internal medicine, surgery and pediatrics trainees
Agency: University of Toronto. Education Development Fund for Innovation in Education.
Amount: $15,846 CAD
Term: 2012 Jul – 2013 Jun

Non Peer-Reviewed

Recipients: Stewart M and Bhattacharyya O
Lead on $375,000 subgrant entitled: Seamless Care to Optimize the Patient Experience
Project: Primary Health Care Program
Agency: Ontario Ministry of Health and Long-Term Care
Amount: $3,720,000 CAD
Term: 2013 Apr - 2016 Mar

Recipients: Bhattacharyya, O
Project: Innovations in Maternal and Child Care, Malaria and TB: Analysis of the Center for Health Market Innovations Database
Agency: Results for Development Institute Inc.
Amount: $89,811 USD
Term: 2012 Dec – 2013 Jun

Recipients: Bhattacharyya, O
Agency: Results for Development Institute Inc.
Amount: $129,996 USD
Term: 2012 Jan – 2012 Dec

Recipients: Kitto S, Reeves S
Project: Evaluation of Future Learning Environments: How Space Impacts Learning
Agency: Karolinska Institutet
Amount: $35,000 AUD
Term: 2011-2013
**APPENDIX 2 – CPD Grants and Publications**

**Recipients:** N. Salbach  
**Project:** Stroke teams’ adherence to evidence-informed practice recommendations:  
A cluster randomized controlled trial. Lead, analysis of data from the Stroke Canada Optimization of Rehabilitation by Evidence -Implementation Trial (SCORE-IT).  
**Agency:** Team Optimize grant, Toronto Rehabilitation Institute-University Health Network  
**Amount:** $10,000 CAD  
**Term:** 2012 March –

**Combined CE PD Research Funding: $19M+ CAD**

*Total of all Peer-Reviewed and Non Peer-Reviewed grants converted to CAD dollars.

**Rice Publications**


APPENDIX 2 – CPD Grants and Publications


APPENDIX 2 – CPD Grants and Publications


APPENDIX 2 – CPD Grants and Publications


APPENDIX 2 – CPD Grants and Publications


Peer-Reviewed Report


2011-12

Rice Grants

Recipients: Goldman J.
Project: Frederick Banting and Charles Best Canada Graduate Scholarship Doctoral Award
Agency: Canadian Institutes of Health Research
Amount: $35,000 per year
Term: 2011-2014

Recipients: Aaron S (Principal Investigator) and Gupta S (Principal Site Investigator)
Project: Strategies to Improve Diagnosis and Treatment of Asthma in Canadians
Agency: Canadian Institutes of Health Research (CIHR), Operating Grant (Health Services Committee)
Amount: $1,162,410
Term: 2011 July – 2016 June

Recipients: Gupta S (Co-Principal Investigator)
Project: EAAPS - The Electronic Asthma Action Plan System for Implementation in Primary Care
Agency: Canadian Institutes of Health Research (CIHR), Knowledge-to-Action Grant
Amount: $198,302
Term: 2011 Apr – 2013 Mar

Recipients: Garvey N, Liskai C, Cafazzo J (Principal Investigators), Gupta S (Co-Investigator)
Project: Consumer Access to Personal Health Information for Asthma Self-Management
Agency: Canada Health Infoway
Amount: $1,000,000
Term: 2012 Jun – 2014 May
APPENDIX 2 – CPD Grants and Publications

Recipients: Muller M, Mckernan P, Hughes B, Kitto S (Principal Investigator), Straus S, Siddique N, Leung E.
Project: Hand Hygiene and Knowledge Translation: A merger of hand hygiene practices between 2 Bond and 7 CC North
Agency: Quality Innovation Fund, St. Michael's Hospital
Amount: $16,750
Term: 2011-2012

Recipients: Zakrison TA, Nathens A, Kitto S (Co-Investigator)
Project: Improving Communication and Patient Safety in Trauma Patients Admitted to the Intensive Care
Unit: A Pilot Feasibility Study
Agency: Physicians' Services Incorporated Grant
Amount: $12,197
Term: 2011-201

Project: Making Handover Safer for our Trauma Patients: A grassroots approach to quality
Agency: St. Michael's Foundation Quality Innovation Fund
Amount: $18,921.40
Term: 2011-2012

Recipients: Kitto S (Co-Principal Investigator), Bell M, Reeves S, Sargeant J, Etchells E, Silver I.
Project: Improving Patient Outcomes: Mapping practice boundaries and intersections between the domains of Continuing
Education, Knowledge Translation, Patient Safety and Quality Improvement
Agency: Association of Faculties of Medicine of Canada
Amount: $20,000
Term: 2011-2012

Recipients: Reeves S, Leslie K, Légaré F, Silver I, Rosenfield J, Hodges B, Curran V, Kitto S (Collaborator), Armson H.
Project: A Pilot Project to Explore the Determinants of Knowledge Use in a Medical Education Context
Agency: KT Canada Seed Funding Award Knowledge Translation Canada
Amount: $30,000
Term: 2011-2012

Recipients: Reeves S, Boet S, Sharma S, Kitto S (Co-Investigator)
Project: Strengthening the Sociological Fidelity of Interprofessional Team-based Simulation Scenarios: An empirical study
Agency: Continuing Education Research Funds, Continuing Education and Professional Development, Faculty of Medicine, University of Toronto
Amount: $4,995
Term: 2011-2012
APPENDIX 2 – CPD Grants and Publications

Recipients: Moulton CA, Murnaghan ML, Martimianakis T, Kitto S (Collaborator)
Project: Pressures on surgeons to ‘measure up’ and their effects on surgical judgment.
Agency: Physicians’ Services Foundation
Amount: $99,043
Term: 2011-2013

Recipients: Reeves S, Kitto S (Co-Principal Investigator), Provonost P, Grouper M, Aboumatar H, Wachter B.
Project: Understanding the nature of interprofessional teamwork in intensive care units: a multi-institutional ethnographic study
Agency: Moore Foundation, California
Amount: $2,101,828
Term: 2012-2015

Project: National Knowledge Synthesis Research Unit
Agency: Canadian Institutes of Health Research
Amount: $950,000
Term: 2011

Recipients: Tricco AC, Straus SE, Kastner M, Perrier L, Welch V.
Project: Scoping Review: Knowledge synthesis methods across multi-disciplinary fields
Agency: Canadian Institutes of Health Research
Amount: $50,000
Term: 2011

Project: Patient-reported outcomes in international surgical reconstruction missions
Agency: Canadian Institutes of Health Research Planning Grant
Amount: $25,000
Term: 2011-2012

Recipients: Douglas L, Cheskes S, Feldman M, Ratnapalan S (Senior Responsible Investigator)
Project: Paramedics attitude towards death notification in the field
Agency: Paramedics Research Consortium
Amount: $14,074
Term: 2011-2013

Recipients: Ravitz P, Leszcz M; Co-investigators: Lancee W, Maunder R; Collaborators: Rawkins S, Fefergrad M.
Project: Enhancing Supervision of Psychotherapy (ESP)
Agency: University of Toronto, Faculty of Medicine, Education Development Fund; matched with funds from the University of Toronto, Mt. Sinai Hospital, & Sunnybrook Health Science Centre Departments of Psychiatry
Amount: $20,000
Term: 2010-2012
APPENDIX 2 – CPD Grants and Publications

Project: Scanning the way ahead: Developing a shared vision of practice-based psychotherapy research in Canada
Agency: Planning / Meeting Grant - Canadian Institutes of Health Research
Amount: $24,410
Term: 2012-2013

Recipients: Worthington C (PA), Mangion M, O’Brien K, Rueda S, Salbach N (CoA), Solomon P.
Project: Getting to work: Development of an evidence-informed educational program for professionals to promote labour force participation for people living with HIV in Canada
Agency: Canadian Institutes of Health Research Knowledge to Action
Amount: $126,593
Term: 2010 May – 2012 Apr

Project: StrokEngine: an interactive e-learning resource for moving evidence-based stroke rehabilitation into clinical practice – Continuation Project
Agency: Canadian Stroke Network
Amount: $254,700
Term: 2010 Apr – Mar 2013

Recipients: Salbach N (PA), Clyde J, Brooks D, Cameron J.
Project: Evaluating the psychometric properties of the Evidence-based practice confidence (EPIC) scale among occupational therapists
Agency: Continuing Education Research and Development Award, Faculty of Medicine, University of Toronto
Amount: $3,413
Term: 2011 July – 2012 June

Recipients: Salbach N (PA)
Project: Contextual factors influencing rehabilitation providers’ use of standardized measures of walking capacity post-stroke across the care continuum
Agency: Connaught New Researcher Award, Faculty of Medicine, University of Toronto
Amount: $10,000
Term: 2011 May – 2013 Apr

Project: Evaluating the uptake of a new evidence-informed e-resource module for rehabilitation professionals to enhance the care and treatment of people living with HIV and AIDS (PHAs)
Agency: Canadian Institutes of Health Research Knowledge to Action
Amount: $195,258
Term: 2011 July – 2013 June
APPENDIX 2 – CPD Grants and Publications

Recipients: Salbach N (PA)
Project: Lead, analysis of data from the Stroke Canada Optimization of Rehabilitation by Evidence – Implementation Trial (SCORE-IT) to determine stroke teams’ adherence to evidence-informed practice recommendations: a cluster, randomized controlled trial
Agency: Team Optimize, Toronto Rehabilitation Institute
Amount: $10,000
Term: 2012 Mar

Recipients: MacKay-Lyons M (PA), Salbach N (CoA), Ploughman M.
Project: Improving Quality of Care for Canadians at High Risk for Fractures: A Knowledge to Action Approach
Agency: CIHR Meetings Grant competition, March 2012
Amount: $25,000
Term: 2012 Mar – 2013

Recipients: Salbach N (PA)
Project: Bringing research findings into action to improve walking recovery after stroke
Agency: Early Researcher Award-Round 8, Ontario Ministry of Economic Development and Innovation
Amount: $150,000
Term: 2012 Apr – 2016 Mar

Recipients: Wiljer D, Catton P, Jaffray D, Harnett N, Montgomery F, Gospodarowicz M.
Project: Quality Care: Innovating with Confidence for Tomorrow’s Radiation Therapy
Agency: Varian Inc.
Amount: $1,000,000
Term: 2010 – 2014

Recipients: Wiljer D, Catton P, Jaffray D, Harnett N, Montgomery F, Gospodarowicz M.
Project: Image-guided radiation therapy education proposal: Adapt, engage, and connect
Agency: Elekta Inc.
Amount: $1,900,000
Term: 2011– 2015

Recipients: Principal Investigator: Slaughter, G; Collaborators: Chenkin J, Cheung M, Wong BM (Co-Investigator), Stroud L.
Project: Implementing a Bedside Ultrasound Curriculum for Procedures into an Internal Medicine Residency Program
Agency: University of Toronto, Faculty of Medicine, Education Development Fund for Innovation in Education
Amount: $19,984
Term: 2011 Jun - 2012 Jul

Recipients: Principal Investigator: Matlow A. Collaborators: Borschel T, Wong BM (Co-Investigator), McDonald-Blumer H.
Project: Integrating a focus on quality of care into a longitudinal ambulatory care rotation
Agency: University of Toronto, Faculty of Medicine, Education Development Fund for Innovation in Education
Amount: $10,275
Term: 2012 Jul – 2013 Jun
APPENDIX 2 – CPD Grants and Publications

Project: Teaching medical error disclosure skills to postgraduate internal medicine, surgery and pediatrics trainees
Agency: Royal College of Physicians and Surgeons of Canada (The). AMS/CanMEDS Research and Development Grant
Amount: $24,803.50
Term: 2012 Jul – 2014 Apr

Recipients: Principal Investigator: Yu CHY; Collaborators: Straus S, Laupacis A, Shah B, Bhattacharyya O, Evans M.
Project: Effect of a web-based self-management intervention for patients with type 2 diabetes on psychological and clinical outcomes
Agency: Canadian Institutes of Health Research (CIHR). 193133.
Amount: $178,550
Term: 2009 Mar – current

Recipients: Yu, CHY (Co-Principal Investigator)
Project: Evaluation of a strategy to improve cardiovascular disease screening and treatment for people with diabetes
Agency: Canadian Institutes of Health Research (CIHR)
Amount: $199,809
Term: 2009 Aug – current

Recipients: Yu, CHY (Principal Investigator)
Project: The ABCs of DKA: Development, testing and evaluation of an interactive computer simulation of DKA management
Agency: Banting and Best Diabetes Centre (BBDC)
Amount: $20,000
Term: 2011 July – current

Rice Publications


**APPENDIX 2 – CPD Grants and Publications**


**APPENDIX 2 – CPD Grants and Publications**


Wu RC, Tran K, Lo V, O’Leary KJ, Morra D, Quan SD, Perrier L. (June 2012). Effects of clinical communication interventions in hospitals: A systematic review of information and communication technology adoptions for improved communication between clinicians. International Journal of Medical Informatics, published online ahead of print, 22 June 2012. [http://dx.doi.org/10.1016/j.ijmedinf.2012.05.014](http://dx.doi.org/10.1016/j.ijmedinf.2012.05.014)


APPENDIX 2 – CPD Grants and Publications


2010-11

CPD Grants

Project: Innovative strategies to implement clinical practice guidelines for rheumatoid arthritis and osteoarthritis through popular interactive tools
Agency: Canadian Institutes of Health Research (CIHR). Knowledge synthesis
Grant 2010
Amount: $100,000
Term: 2010-2011

Project: CE to Go: Capacity Building in Under-serviced Communities Through Knowledge Dissemination
Agency: CAMH AFP Innovation Fund
Amount: $62,000
Type: Peer reviewed, University Hospital and Provincial Agency
Term: May 2009-May 2011
APPENDIX 2 – CPD Grants and Publications

Recipients: Goldman J, Reeves S, Wu R [CPI]
Project: An ethnography of patient safety in general and internal medicine wards
Agency: Canadian Health Institutes for Research
Amount: $60,000
Type: Peer-reviewed, National Agency
Term: 2011-2014

Project: Building Community in Collaborative Online Interprofessional Education: An examination of facilitation in online synchronous interprofessional education
Agency: Continuing Education Research & Development Award, UofT
Amount: $4,425
Term: 2010-2011

Project: StrokEngine: an interactive e-learning resource for moving evidence-based stroke rehabilitation into clinical practice
Agency: Continuation Project, Canadian Stroke Network
Amount: $254,700
Term: 2010- 2013

Recipients: Lancee W (CI), Maunder R, Rawkins S (C), Fefergrad M
Project: Enhancing Supervision of Psychotherapy (ESP)
Agency: University of Toronto, Faculty of Medicine, Education Development Fund; matched with funds from the University of Toronto, Mt. Sinai Hospital, & Sunnybrook Health Science Centre Departments of Psychiatry
Amount: $20,000
Term: 2010-2012

Project: Getting a Grip on Arthritis Online
Agency: The Arthritis Society. Canadian Institutes for Health Research Planning and Dissemination Grant
Amount: $23,305
Term: 2010-2011

Recipient: Norman C.D.
Project: Core competencies for youth engagement through the arts: Developing a learning framework
Agency: Social Science & Humanities Research Council of Canada (SSHRC)
Amount: $24,510
Term: 2011
APPENDIX 2 – CPD Grants and Publications

Recipient: Norman C.D.
Project: Design thinking for complex problem solving
Agency: Social Science & Humanities Research Council of Canada (SSHRC)
Amount: $35,810.00
Term: 2011-2013

Recipients: Ravitz P, Reeves S, Cooke R, Swenson R
Project: ‘CE to Go: Capacity Building through distance education in rural underserviced communities’
Agency: Ontario Ministry of Health and Long-term Care
Amount: $134,000
Term: 2010-2011

Recipients: Reeves S, Leslie K, Egan-Lee E, Baker L
Project: A systematic review of the effects of faculty development
Agency: Faculty Development Fund, Royal College of Physicians and Surgeons of Canada
Amount: $4,995
Term: 2010-2011

Project: An exploration of the determinants of knowledge use in a medical education context
Agency: KT Canada
Amount: $30,000
Type: Peer-reviewed, National Agency
Term: 2011-2012

Recipients: Reeves S, Sharma S, Boet S, Kitto S [PI]
Project: Enhancing the use of sociological fidelity in interprofessional simulated learning
Amount: $4,950
Type: Peer-reviewed, Local Agency
Term: 2011-2012

Recipients: Salbach N, Clyde J, Brooks D, Cameron J
Project: Evaluating the psychometric properties of the Evidence-based practice confidences (EPIC) scale among occupational therapists
Agency: Continuing Education Research and Development Award, Faculty of Medicine, University of Toronto
Amount: $3,413
Term: 2011-2012
## APPENDIX 2 – CPD Grants and Publications

<table>
<thead>
<tr>
<th>Recipients</th>
<th>Project</th>
<th>Agency</th>
<th>Amount</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sidani S, MacMillan K, van Soeren M, Reeves S, Donald F, Hurlock C, Staples P</td>
<td>Development of a research program to enhance utilization of nurses and nurse Practitioners in their professional and interprofessional practice</td>
<td>Nursing Secretariat, Ministry of Health and Long-Term Care</td>
<td>$1,243,250</td>
<td>2010-2013</td>
</tr>
<tr>
<td>Silver I (CI), Kitto S, Bell M, Sargeant J, Reeves S, Etchells E</td>
<td>Improving Patient Outcomes: Mapping practice boundaries and intersections between the domains of Continuing Education, Knowledge Translation, Patient Safety and Quality Improvement</td>
<td>AFMC-SCCPD National CPD research fund</td>
<td>$30,000</td>
<td>2011</td>
</tr>
<tr>
<td>Silver I (CI), Leslie K, Legare F, Rosenfield J, Hodges B, Curran V, Kitto S</td>
<td>A pilot project to explore the determinants of knowledge use in a medical education context</td>
<td>KT Canada seed funding project</td>
<td></td>
<td>2011</td>
</tr>
</tbody>
</table>
APPENDIX 2 – CPD Grants and Publications

Project: Moving research forward: a collaboration of national CME/CPD and KT researchers
Agency: Canadian Institutes of Health Research Meeting Grant
Amount: $17,250
Term: 2010-2011

Recipients: Silver I (CI), Sargeant J, Mann K, Holmboe E
Project: Performance feedback to inform self-assessment and guide practice improvement: Developing and testing a feedback facilitation model
Agency: Society for Academic CME Manning Award
Amount: $50,000
Term: 2011-2013

Project: Getting to work: Development of an evidence-informed educational program for professionals to promote labour force participation for people living with HIV in Canada
Agency: Canadian Institutes of Health Research Knowledge to Action
Amount: $126,593
Term: 2010-2012

Recipients: Yu C, Chignell M, Chow CM, Brydges R, Straus S
Project: Development, usability testing and validation of a computer-based simulator for DKA management
Agency: Banting and Best Diabetes Centre
Amount: $20,000
Term: 2010-2011

CPD Publications


APPENDIX 2 – CPD Grants and Publications


Dixon, D., Takhar, J., Macnab, J., Eadie, J., Lockyer, J., Stenerson, H., François, J., Bell, M., Monette, C.,


Gagliardi, AR., Perrier, L., Webster, F., Leslie, K., Bell, M., Levinson, W., Rotstein, O., Tourangeau, A., Morrison, L., Silver, I.L., Straus, SE. Exploring mentorship as a strategy to build capacity for knowledge translation research and practice: protocol for a qualitative study. Implement Science 4:55


APPENDIX 2 – CPD Grants and Publications


Kitto, S., Sargeant, J., Reeves, S., Silver, IL. (2011) Towards a sociology of knowledge translation: The importance of being disinterested in knowledge translation. Advances in Health Sciences Education. Published online


APPENDIX 2 – CPD Grants and Publications


APPENDIX 2 – CPD Grants and Publications


APPENDIX 3 – CPD Award Descriptions

COLIN R. WOOLF AWARDS
Three Colin R. Woolf Awards are offered annually and awarded to exceptional faculty in:

- Excellence in course coordination
- Excellence in teaching at continuing education events
- Sustained excellence in contributions to continuing education for at least five years

DAVID FEAR FELLOWSHIP
The David Fear Fellowship is awarded to a Faculty of Medicine faculty member to attend an educational leadership course in continuing education and professional development, visit another CPD department, or complete an innovative educational program or grant.

DAVE DAVIS RESEARCH AWARD
The Dave Davis Research award recognizes an outstanding completed research project in continuing education and professional development in the Faculty of Medicine.

FRED FALLIS AWARD IN DISTANCE EDUCATION
The Fred Fallis Award recognizes an individual or group which has demonstrated innovation and excellence in online learning for health professionals.

IVAN SILVER INNOVATION AWARD
The Ivan Silver Innovation Award recognizes an innovative CPD initiative developed and delivered by a University of Toronto faculty member or team that has demonstrated an effect on health professional performance or health outcome.

INTERPROFESSIONAL HEALTH CARE TEAM CONTINUING EDUCATION AWARD
This award recognizes excellence in interprofessional team continuing education and professional development designed to enhance interprofessional team practice to improve health care delivery.
## APPENDIX 4 – Continuing Education Directors and Leaders

<table>
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<tr>
<th>CPD Directors</th>
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<tr>
<td>Anaesthesia</td>
<td>Dr. Peter Slinger</td>
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<tr>
<td>Family &amp; Community Medicine</td>
<td>Dr. John Axler (replaced Dr. Jamie Meuser in 2012)</td>
</tr>
<tr>
<td>Lab Medicine/Pathobiology</td>
<td>Dr. Nadia Ismiil</td>
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<tr>
<td>Medical Imaging</td>
<td>Dr. Kartik Jhaveri (replaced Dr. Mostafa Atri in 2014)</td>
</tr>
<tr>
<td>Medicine</td>
<td>Dr. Brian Wong (replaced Dr. Mary Bell in 2012)</td>
</tr>
<tr>
<td>Obstetrics &amp; Gynaecology</td>
<td>Dr. Rory Windrim (replaced Dr. Fay Weisberg in 2013)</td>
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<tr>
<td>Ophthalmology</td>
<td>Dr. Wai-Ching Lam</td>
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<tr>
<td>Occupational Sciences &amp; Occupational Therapy</td>
<td>Debbie Hebert</td>
</tr>
<tr>
<td>Otolaryngology</td>
<td>Dr. Yvonne Chan (replaced Dr. Ian Witterick in 2014)</td>
</tr>
<tr>
<td>Paediatrics</td>
<td>Dr. Mark Feldman (replaced Dr. Suzan Schneeweiss in 2013)</td>
</tr>
<tr>
<td>Physical Therapy</td>
<td>Dr. Cathy Evans</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>Dr. Sanjeev Sockalingam (replaced Dr. Sagar Parikh in 2014)</td>
</tr>
<tr>
<td>Radiation Oncology</td>
<td>Dr. Douglas Moseley (replaced Dr. Lee Manchul in 2015)</td>
</tr>
<tr>
<td>Speech–Language Pathology</td>
<td>Pascal van Lieshout (replaced Susan Wagner in 2015 and Luigi Girolametto in 2013)</td>
</tr>
<tr>
<td>Surgery</td>
<td>Dr. Terry Axelrod</td>
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<tr>
<th>Other Leaders</th>
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<tr>
<td>Centre for Faculty Development</td>
<td>Dr. Karen Leslie</td>
</tr>
<tr>
<td>Global Health</td>
<td>Dr. Arnold Noyek</td>
</tr>
<tr>
<td>Medical Alumni</td>
<td>Dr. Martina Trinkaus</td>
</tr>
<tr>
<td>Nursing</td>
<td>Dr. Leslie Vincent</td>
</tr>
<tr>
<td>Oncology</td>
<td>Dr. Ronald Feld</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>Rita McDowall (replaced Maria Bystrin in 2014)</td>
</tr>
<tr>
<td>CPD Associate Dean</td>
<td>Dr. Suzan Schneeweiss</td>
</tr>
<tr>
<td>CPD Education Consultant</td>
<td>Kate Hodgson</td>
</tr>
<tr>
<td>CPD Education Consultant</td>
<td>Jane Tipping</td>
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</tbody>
</table>
APPENDIX 5 – Departmental CPD Activities

Anesthesia

The Continuing Education Committee for the Department of Anesthesia supervises the Toronto Interactive Anesthesia Meeting (an annual two-day course that provides a combination of lectures, workshops and problem-based learning discussions for both Fellowship and GP Anesthetists) and also supports the development and accreditation of ongoing CE courses produced by the U of T Department of Anesthesia Faculty. These include the department’s CME Online Anesthesia Rounds (15 educational modules) and a Perioperative Interactive Education online program (teaching modules include Patient Simulation, Cardiac Anesthesiology, CV Pharmacology, Malignant Hyperthermia, Obstetric Anesthesia, Point of Care Ultrasound, and Transesophageal Echocardiography). The Thoracic Anesthesia group of the Toronto General Hospital has also created an online bronchoscopy simulator to improve Anesthesiologist’s skills in providing lung isolation for thoracic anesthesia by learning bronchial anatomy. The Simulator and Quiz can be accessed on the website www.ThoracicAnesthesia.com.

Family and Community Medicine

The Professional Development Committee of the Department of Family and Community Medicine (DFCM) runs an annual 1-day accredited program on Faculty Wellness and Resilience that deals with the frustrations and fears that faculty members in academic medicine commonly experience. Workshop topics include Wellness Strategies and Fatigue Management, Mindfulness for Health Care Professionals: Managing Stress and Enhancing Peak Performance, Time Saving Technologies, and Managing Our Careers - From Shifts to Transitions. The department offers many other CPD courses, including Basics and Beyond Basics for all new faculty members and the annual Primary Care Today conference, as well as Academic Fellowship and Clinical Teaching or Research certificate programs. The department also has the DFCM Open website – a repository of peer reviewed, evidence-based, family-medicine focused tools and resources that are clinical, educational or research-oriented in nature.

Laboratory Medicine and Pathobiology

The department established the Digital Pathology Library to foster continuous education within and outside the University of Toronto. The library reflects the level of collaborative efforts among all laboratory medicine practitioners to ensure best practices and the recognition that digital pathology is an integral component in the future of laboratory medicine. The library has accumulated a significant number of images of various benign and malignant entities from different organ systems. The department hosts numerous other courses and conferences such as: Pathology Update, Saturday in Pathology, and various courses offered by the Ontario Forensic Institute. On-line modules, such as Blood Easy On-line, are also available to faculty.

Medicine

The Department of Medicine offer CE models that integrate clinical, quality improvement and patient safety (QI&PS) content and are regularly featured in citywide and hospital grand rounds. The department supports the Quality Grand Rounds format during grand rounds and integrates QI&PS into several Divisional Annual Research & Education Days. Many department members have integrated quality, safety and value as themes for national society conferences and meetings. The department has also pursued the development of innovative educational offerings for academic faculty who want to engage more actively in QI&PS work. Local QI&PS training programs such as IHPME MSc in QI&PS, Faculty–resident co-learning curriculum in QI and the development and delivery of national and international programs such as the RCPSC’s ASPIRE program and AAMC’s aTe4Q program demonstrate the Department of
APPENDIX 5 – Departmental CPD Activities

Medicine’s leadership role in this area. The department also has a mentorship program where mentees benefit from bi-monthly face to face meetings and explore topics related to quality improvement including: Ethical Considerations for Quality Improvement Projects; and Optimizing patient and educational outcomes: Uniting Clinician Teachers, Educators and Quality Improvers.

Medical Imaging

The department recently launched the Medical Imaging for Family and Community Medicine Physicians. This course teaches: ACR and Choosing Wisely Canada imaging appropriateness criteria to highlight and educate optimal utilization of medical imaging in practice; symptom-based approaches to imaging test ordering; and deciphering imaging report conclusions and management of incidental findings. The department hosts the Annual Organ Imaging Review Course, which includes multidisciplinary content and engages radiologists in a clinical care team environment and increases insight into the specific impact of radiology reporting on patient management. University of Toronto Faculty contribute to lectures designed to promote and improve Quality Initiatives in Radiology. The Advanced Imaging and Education Center (AIEC) provides a variety of hands-on workshop sessions in small classroom settings on advanced cardiac imaging as well as virtual colonoscopy, which is a great resource for radiologists to acquire or enhance new skill sets.

Obstetrics and Gynecology

Members of the Department of Obstetrics and Gynecology are invited to represent the University of Toronto at provincial, national and international CPD events, such as the first comprehensive International Fetal Therapy Course, presented in Washington DC. This course used fetal and maternal simulators that were designed and created by the department, in collaboration with Dr. Francis Lebouthillier from the sculpture department at OCAD University. The University of Toronto simulators have been purchased by centres around the world and are used in teaching fetal therapy. The department is also involved in global CPD through its fellowship programs with Moi University, Eldoret, Kenya.

Occupational Science and Occupational Therapy

The CPD Occupational Science and Occupational Therapy committee offers: certificate courses such as Facilitating Work Integration Across Rehabilitation Populations; an inter-professional Brain Matters course which involves Anatomy, Physiotherapy, Speech and Language Pathology and OS and OT; community based non-profit courses from the Play Group for Network ChildCare Services and Silver Creek; other standalone courses in the neurorehabilitation area; etc. The committee also has a NeuroRehabilitation Community of Practice.

Ophthalmology and Vision Sciences

The Department of Ophthalmology and Vision Sciences provides accredited annual CPD events, instructional workshops at the Canadian Ophthalmological Society annual meeting, and the web-based teaching modules of neuro-ophthalmology. The Visiting Professor and combined Toronto Ophthalmological Society/University of Toronto rounds are an important ongoing CPD event for academic and community ophthalmologists. In addition, the department offers a number of courses such as the Walter Wright Conference and the Toronto Cataract Course, which provide generalists and specialists with updates in the field from local and international experts.
APPENDIX 5 – Departmental CPD Activities

Otolaryngology

The department’s Grand Rounds include presentations from visiting professors, guest lecturers, community & academic faculty, fellows, and residents. Grand Rounds can be watched live or are archived videos through the OTN (Ontario Telemedicine Network) to help provide our community academic faculty with easier access to these educational activities. Other professional development courses offered by the department include: the Rhinology Update with a keynote plenary session and cadaveric dissection by world renowned Dr. Heinz Stammberger; a live endoscopic sinus surgery; and an “ask the expert” session. A departmental innovation has been the development of the Otosim, an educational tool used in medical education at the University of Toronto to teach learners the otoscopic examination.

Paediatrics

The Continuing Education Committee develops and supports a breadth of programming, including the Annual Paediatric Update which is the largest general paediatric conference by a Department of Paediatrics in Canada and attracts a local, national and international audience. Recognizing the importance of assessment and feedback in continuing education, an innovative, electronic, pre & post conference test (‘Test-Enhanced Learning’) was introduced at the conference. It includes a self-assessment (pre-test), reflection (pre-conference) and peer assessment with feedback (post-test). The department also runs quarterly City Wide Paediatric rounds.

Physical Therapy

The University of Toronto, Department of Physical Therapy is moving to the delivery of CPD using online and social media, working collaboratively with other partners such as the Dept. of Anatomy, Dept. of Occupational Therapy, Canadian Physiotherapy Association, Orthopaedic Division. A web-based animated whiteboard video is available entitled: Feedback do you get it? The department’s online courses include Evidence Based Practice, the Canadian Health Care System, as well as face to face single event courses such as Exercise Prescription for Cervical Spine Dysfunction for Physical Therapists. The department also focuses on development of continuing education resources for the Ontario Internationally Educated Physiotherapy Bridging Program covering a wide range of clinical and professional areas, such as clinical reasoning, record keeping, etc.

Psychiatry

The Department of Psychiatry was the first mental health department to join the Association of American Medical Colleges Aligning and Education for Quality (AAMC ae4Q) network. This has encouraged the alignment of CPD and QI in mental health, and the launch of initiatives to increase the number of QI trained faculty, including creating an online repository for QI training opportunities and developing a job description for a Clinician in Quality and Practice Innovation. The department’s Continuing Professional and Practice Development (CPPD) committee has piloted Psychiatry Morbidity and Mortality (M&M) Rounds and has developed an M&M Rounds toolkit. In collaboration with the Canadian Academy of Psychosomatic Medicine (CAPM), the CPPD Office is involved in delivery of programs related to capacity and consent in medical psychiatry, improving delirium care, etc. The CPPD also provides “Group Mentoring” during its meetings where committee members can describe the CE projects they are undertaking, and get group feedback on design, execution, and evaluation of the project.
APPENDIX 5 – Departmental CPD Activities

Radiation Oncology

The Department of Radiation Oncology Continuing Education program is made up of a curriculum comprised of a fixed core of annual elements including UT DRO Rounds, the conference Target Insight, and the Radiation Therapy Conference, Inspire, Inquire and Innovate (RTI3). There is also a variable program hosted by UT DRO faculty where each program element has a Course Director, an interprofessional program and planning committee, and is based on educational needs. The RTi3 radiation therapy conference is the premier research and education program for radiation therapy within Canada. DRO provides a Radiation Therapy Patient Education Video Series. The department has also been involved in the World Congress of Biomedical Engineering and Medical Physics.

Speech Pathology

The Department of Speech-Language Pathology is involved in a variety of CPD activities, such as: the “Advanced Literacy Practices: Make It Happen” course, offered with the Ontario Association of Speech-Language Pathologists and Audiologists (OSLA), which describes contemporary and advanced approaches to assessment and intervention in emergent literacy, reading, and writing disorders; the J.F.Walker Lecture, a half-day workshop that attracts a diverse audience of speech-language pathologists, audiologists, clinical educators, faculty and students; the Rehabilitation Sciences Sector Annual Clinical Education Workshop, an inter-professional half-day event including workshops on clinical education for clinical educators developed and implemented collaboratively by the Departments of Occupational Science and Occupational Therapy, Physical Therapy and Speech-Language Pathology; Speech-Language Pathology Clinical Placement Workshops to prepare clinical educators for student placements.

Surgery

The department provides many CPD events, including: the Update in General Surgery; the Urology Update; the Competency Based Education Training Workshop; the Burn Symposium; the Canadian Foot and Ankle Symposium; the Annual Pediatric Wound Care Symposium; the Hand and Upper Extremity Update; etc. Other initiatives include a longitudinal fellowship of continuing education, simulation programs, mentorship programs, etc.
## APPENDIX 6 - Strategic Directions, Actions and Accountability Measures

<table>
<thead>
<tr>
<th>STRATEGIC DIRECTION</th>
<th>GOALS</th>
<th>ACTIONS</th>
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<tbody>
<tr>
<td>1. Enhance Best Practices &amp; Faculty Development for Continuing Education</td>
<td>1-1 Promote and enable effective life-long learning</td>
<td>• Develop programs to meet the needs of life-long learners and scholarly practitioners (e.g., improving reflective practice, online learning, centres for advanced practice). • More fully integrate CanMEDS roles into CE, with a focus on the roles of manager and communicator.</td>
</tr>
<tr>
<td>1-2 Expand and enrich faculty development related to best practices in CPD</td>
<td>• Provide educational curriculum on essentials of best practice in CE, with an emphasis on integrating the Mississauga Academy. • Examine what constitutes basic and advanced level curriculum and determine time frame for offering these courses. Develop a comprehensive feedback system to course directors in regards to best practice. • Work with CFD to build capacity to learn and teach about development and delivery of practice-based education programming. • Provide coaching and mentoring to faculty on acquiring best practice. • Target faculty development requirements specifically in continuing education and professional development for Mississauga Academy and address integrated medical education priorities. • Implement web-based “Foundations of Continuing Education and Professional Development” course.</td>
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<td>1-3 Increase educational outreach, portability and use of new technologies in CE</td>
<td>• Increase 24/7 virtual access to CE programming to make new and existing CE programs more accessible and to overcome challenges of time and distance. • Partner with local experts (e.g., Discovery Commons, BPER rounds, MARS innovations, OISE, Waterloo) to facilitate the development of e-learning platforms and greater use of social media networks. Partner with local simulation experts to develop specific simulation programs relevant to CE professionals. • Facilitate faculty development related to online education and newer technologies for learning.</td>
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<tr>
<td>1-4 Promote CE as an academic career track</td>
<td>• Develop specific criteria for Creative Professional Achievement (CPA) and educational scholarship that relate to CE. • Improve mentoring for individuals pursuing an academic career focused on CE.</td>
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<tr>
<td>MEASURABLE OUTCOMES</td>
<td>ACHIEVEMENTS</td>
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<tr>
<td>• Integrate affiliated community hospital representatives into the Leaders and Directors committee.</td>
<td>CPD courses and conferences – growth over 5 years to accreditation of more than 380 events annually with a total of &gt;57,000 unique learners; attract local, national and international learners</td>
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<tr>
<td>• Implement two faculty development workshops for CE planners in community affiliated hospitals.</td>
<td>Use CPD Best Practices to develop programs:</td>
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<tr>
<td>• Create online module on best practices in CPD including newer technologies.</td>
<td>• Longitudinal programs</td>
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<td></td>
<td>• Online programs</td>
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<td>• Simulation-based CPD</td>
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<td>• Blended programs</td>
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<td>Educational Outreach and portability</td>
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<td>Safe Opioid Webinar Course</td>
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<td>CPD web-based programs</td>
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<td>Link learning to CanMEDS roles through program evaluations and development of learning objectives</td>
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<td>Faculty Development</td>
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<td></td>
<td>• CPD Webinar Series – 2012-2013</td>
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<td></td>
<td>• International CPD Foundations program October 2015 – June 2016</td>
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<td></td>
<td>• Continuing Education Leadership Program – 2013-2014</td>
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<td></td>
<td>• Essential Skills in CPD at AMEE Conference (international) – 2013, 2014, 2015</td>
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<td>• New Master Class CPD 2016</td>
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<td></td>
<td>Educational Consultation</td>
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<td></td>
<td>2 educational consultants</td>
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<td></td>
<td>1:1 coaching/mentoring for best practices CPD to course directors/ CEDL group</td>
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<td></td>
<td>Collaboration across continuum of medical education</td>
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<td>• UME Curriculum – development of milestones for lifelong learning</td>
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<td>• Collaboration with UME for faculty development</td>
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<td>• New Vice Dean Post MD – collaborative efforts with Associate Deans CPD and PGME</td>
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<td>Promote advanced learning with longitudinal certificate programs and Royal College section 3 / CPFC MAINPRO C programs</td>
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<td>Partnerships</td>
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<td>• Royal College – development of competency-based framework for CPD</td>
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<td>• CPD-Ontario</td>
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<td>• CPD-COFM</td>
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<td>• AFMC</td>
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<td>• Wilson Centre</td>
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<td>• CFD</td>
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<td>• Centre for IPE</td>
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<td></td>
<td>• CPSO – development of safe opioids and MKR courses; development of CPPR course – comprehensive family practice review course (last iteration in 2012-2013)</td>
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<td></td>
<td>New – recruit academic director – promote faculty capacity building in CPD (academic career track)</td>
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<td>STRATEGIC DIRECTION</td>
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| 2. Advance Research, Innovation & Scholarship | 2-1 Establish strategic partnerships for collaborative and integrated research | • Establish partnerships and grow collaborative teams for integrated research which involve an interdisciplinary approach with partners such as, but not restricted to, quality improvement, patient safety, and knowledge translation.  
• Leverage the synergies of RICE to lead in multidisciplinary, team based CE research.  
• Collaborate with key groups including, but not restricted to, the Centre for Quality & Patient Safety, the Joint Program in Knowledge Translation, the Centre for Interprofessional Educational, SimONE, the Wilson Centre, the Centre for Faculty Development, Centre for Effective Practice, Sick Kids Learning Institute, and the Institute for Medical Sciences.  
• Expand research partnerships to include other universities, LHINs, hospitals, Family Health Teams (FHTs), consumers, insurance, health economists and regulatory bodies (e.g., CPSO).  
• Define and create new evaluation processes for integrated interdisciplinary research. |
|                     | 2-2 Enhance basic, applied, evaluative and action research in CPD | • Heighten profile and awareness of CE educators, scholars and researchers through publishing, presenting and grant capture.  
• Build evaluation research capacity.  
• Introduce and implement the new R&D research criteria developed by R&D Task Force to support CE faculty researchers.  
• Facilitate and support research mentoring opportunities for faculty in the four types of research approaches in CPD.  
• Build skills in grant writing and tap into infrastructure where education scholars have been successful in achieving grants. |
|                     | 2-3 Integrate CE research into strategic priorities | • Collaborate with CE educators and scholars to advance all forms of research in QI in CE, Patient and Public Engagement as well as best practices in CE and the other strategic priorities.  
• Develop a research framework for QI.  
• Demonstrate the value of CE researchers/scholars on QI and KT projects by embedding CE researchers into QI and KT project teams. |
| 3. Strengthen and Grow Practice-Based Education | 3-1 Extend successful large conference sessions into longitudinal practice-based programming aimed at both individuals and teams | • Identify and initiate longitudinal initiatives from an existing accredited program.  
• Use educational events organized and accredited by CPD to perform individualized needs assessment to assess topics and barriers for practice-based education. Determine how to undertake similar needs assessment for teams.  
• Create new or adapt existing content that can be rolled into longitudinal experiences for learners, with a particular emphasis on content in areas such as QI and communication. Target these programs at both individuals and practice teams. |
|                     | 3-2 Build learning networks, and other communities of practice, in the community | • Collaborate around an environmental scan to better understand opportunities for communities of practice and their potential applicability to practice based education.  
• Tap into grassroots teams within LHINs to perform team learning needs assessments.  
• Use social networks to understand needs and practice, including marketing membership to healthcare communities.  
• Provide real time access to experts and peers through on lone learning community. |
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<tr>
<th>MEASURABLE OUTCOMES</th>
<th>ACHIEVEMENTS</th>
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<tr>
<td>• Create an online template for evaluation in CPD.</td>
<td>eRICE group (research in education)</td>
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<td>• Increase the interdisciplinarity of membership on RICE.</td>
<td>quarterly presentations of research topics</td>
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<td>• Submit one large interdisciplinary CPD grant from an enlarged RICE group.</td>
<td>CPD Research and publications</td>
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<tr>
<td>• A brief survey finalized within six months, delivery to a valid sample of learners within 1 year.</td>
<td>Development of ACPAC program</td>
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<td>• Two longitudinal learning initiatives aimed at individuals and one at teams planned and started by the end of the second year.</td>
<td>New extension of program for management of chronic diseases</td>
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<td>• RICE consultation regarding evaluation of these longitudinal initiatives during development process.</td>
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<td>• Consultation with Faculty Development in CE group regarding parallel faculty development initiative in development and delivery of practice-based educational programming.</td>
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<td>• Working group on Communities of Practice established, with active contribution from Practice Based Education group established in first 6 months.</td>
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<tr>
<td>• RICE consultation on scholarship opportunities and collaborators associated with all aspects of above (environmental scan, longitudinal initiative development, related faculty development, application of CoP) – ongoing thorough 2 years.</td>
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## 4. Foster and Embed Quality Improvement in Continuing Education

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<tr>
<td>4.1 Identify, train and support QI educators in CE</td>
<td>• Support CE program directors to include elements of QI thinking and facilitate integration of multiple disciplines, embedding in a clinical context in collaboration with The Centre for Quality &amp; Patient Safety.</td>
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<td>4.2 Develop education plan and curriculum for QI in CE</td>
<td>• Promote and develop QI Program expert educators with QI expertise by supporting development of QI teams in each department (including at least one physician and one other health professional) and developing a co-learning model.</td>
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<td>4.3 Apply QI principles and practices to CE program planning and implementation</td>
<td>• Identify and develop QI champions for all departments and nurture/coach to work effectively with practitioners (e.g., same QI language).</td>
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## 5. Promote Patient and Public Engagement

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<tr>
<td>5.1 Integrate patient and public engagement across the CPD portfolios and promote its importance throughout the Faculty</td>
<td>• Conduct an environmental scan to better understand the models and partnerships that have been successful in PPE engagement.</td>
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<td>5.2 Build capacity for PPE and develop a cadre of health practitioners to respond to patient needs</td>
<td>• Establish a PPE Committee with patient, public and provider representation.</td>
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## 6. Promote Global and Indigenous Health

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<tr>
<td>6.1 Develop strategic plan for CE in Global Health, which is interdisciplinary, scholarly and focuses on vulnerable populations, with initial emphasis on Refugee, Indigenous and international populations</td>
<td>• Develop goals and objectives for global health initiatives in CPD with emphasis on indigenous and refugee health.</td>
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<td>6.2 Design, develop implementation of CE event in refugee health</td>
<td>• Develop needs assessments for Indigenous Health and Refugee Health to identify learning priorities and identify stakeholders.</td>
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<tr>
<td>6.3 Design, develop implementation of CE event in Indigenous health</td>
<td>• Explore networks with international organizations and other Canadian and International Universities.</td>
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<td>6.4 Explore international scholarly activities</td>
<td>• Promote education in refugee and indigenous health through lectures, publications and social media.</td>
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## MEASURABLE OUTCOMES

- Number of faculty trained to deliver QI curriculum in each department.
- Number of programs addressing QI curriculum delivered and assessment of target audience.
- Number of clinically based CE programs which specifically address and support QI approaches and tools.

## ACHIEVEMENTS

IDEAS 2-day introductory program
- Collaboration of 6 Ontario Universities and IDEAS
- Funded by MOHLTC
- Lead in development and dissemination of Needs Assessment
- U of T CPD Delivery of 8 programs over 2 years - >360 participants; interprofessional audience

Application of QI principles to CPD
- Department of Medicine – new model for delivering continuing education – integration of QI and patient safety content into CPD initiatives e.g. divisional annual research and education days
- Department of Psychiatry – e.g. integration of AAMC Ae4Q program
- Adoption of Choosing Wisely Program in Medicine and Family Medicine

Faculty –Resident Co-Learning Curriculum in QI – Programs led by Department of Medicine and Department of Paediatrics

- Development of a self-management tool kit.
- Completion of the environmental scan.

CPD activities re: patients and public

- Plan a biannual conferences for North American Refugee Health and Indigenous Health
- Advocate for refugee and indigenous health through membership in national and international organizations, invited lectures, social media and scholarly publications

North American Refugee Health Conference held in 2015
Indigenous Health Conferences held in 2014 and 2016
Job fairs health in conjunction with the conference


Dr. Banerji is the Aboriginal Child Champion with the Canadian Paediatric Society since 2011, President and co-founder of the new North American Refugee Providers Society in 2015 and has authored peer-reviewed articles and presented nationally through lectures and media appearances on indigenous and refugee health.