

# Rapid Review Summit: Then, Now, and in the Future

**VANCOUVER, BRITISH COLUMBIA  
FEBRUARY 3–4, 2015**



[cadth.ca/en/events](http://cadth.ca/en/events)

In partnership with the British Columbia Ministry of Health, the Centre for Clinical Epidemiology and Evaluation, the Ottawa Hospital Research Institute, and the University of Pennsylvania.



Welcome to the Rapid Review Summit: Then, Now, and in the Future — a forum for rapid review producers, health care decision-makers and providers, and other groups interested in rapid reviews for sharing knowledge and experiences.

Over the next two days, you'll learn about the evolving role of rapid reviews in health care policy development and clinical decision-making, share information about successes and challenges associated with the production and use of rapid reviews, and contribute to work that will advance the science of rapid reviews.

Based on a very simple idea — providing evidence when decision-makers need it — rapid reviews are now an indispensable resource, especially when urgency is the order of the day. Tailored to provide balanced, easy-to-understand information, rapid reviews summarize dauntingly large and complex medical literature within much shorter timelines than traditional systematic reviews.

At the Summit, you'll learn about current rapid review programs in Canada and elsewhere, including CADTH's Rapid Response program, which is celebrating its 10th anniversary this year. Participants will discuss the different interpretations of "rapid" — ranging from an hour to months depending on program capabilities and decision-maker needs. And there will be discussions on how to improve the methodology and utility of rapid reviews.

The need for speed, balanced with quality and methodological approaches that mitigate risk, will continue to grow. The Rapid Review Summit will help participants continue to improve the science of rapid reviews to better meet the needs of decision-makers, and support the quality and sustainability of health care.

CADTH is pleased to host the Rapid Review Summit in partnership with the British Columbia Ministry of Health, the Centre for Clinical Epidemiology and Evaluation, the Ottawa Hospital Research Institute, and the University of Pennsylvania.

CADTH would also like to acknowledge the support of its funders. CADTH's activities, programs, and services, including the CADTH Summit Series, are made possible through financial contributions from federal, provincial, and territorial governments, with the exception of Quebec.

We hope that you find the discussions and networking productive and rewarding.



*Hosted by the Canadian Agency for Drugs and Technologies in Health, in partnership with the British Columbia Ministry of Health, the University of British Columbia Centre for Clinical Epidemiology and Evaluation, the Ottawa Hospital Research Institute, and the University of Pennsylvania.*

## PURPOSE:

This two-day summit will focus on the evolving role of rapid reviews to support informed health care policy and clinical decision-making, including the uptake and use of health technology assessments.

## OBJECTIVES:

1. To share information among health care decision makers and providers, rapid review producers, and representatives from organizations who are interested in rapid reviews
2. To facilitate discussions concerning the applications and production of rapid reviews
3. To initiate the development of a priority research agenda to continue to advance the science of rapid reviews
4. To contribute to the ongoing development of a community of practice for rapid reviews.

## TUESDAY, FEBRUARY 3, 2015 – Plaza Ballroom

TIME	ACTIVITY	PRESENTERS
1300-1600	<b>REGISTRATION DESK OPENS</b>	
1400-1415	<b>Welcome and Opening Remarks</b>	<b>Dr. Craig Mitton</b> , Professor, Senior Scientist, and Director, Centre for Clinical Epidemiology & Evaluation, University of British Columbia
1415-1430	<b>Summit Process Overview</b>	<b>Dorothy Strachan</b> , Partner, Strachan-Tomlinson
1430-1530	<b>Keynote Address: Rapid Reviews and their Impact on Future Directions for Health Technology Assessment</b> Plenary Discussion	<b>Ms. Vivian Coates</b> , Vice President, Information Services and Health Technology Assessment, ECRI Institute
1530-1615	<b>Rapid Review Programs: Perspectives and Practices from around the World</b> Plenary Discussion	<b>Ms. Julie Polisena</b> , Clinical Research Manager, CADTH  <b>Mr. Chris Kamel</b> , Clinical Research Manager, CADTH
1615-1830	<b>Reception to celebrate CADTH's 10-Year Anniversary of Rapid Response Service and Poster Session</b> (Location: Stanley/Cypress Rooms)	<b>Dr. Michelle Mujoomdar</b> , Assistant Chief Scientist, CADTH



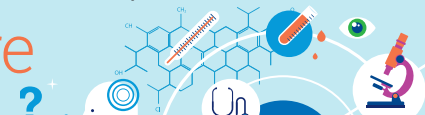
**WEDNESDAY, FEBRUARY 4, 2015 – Plaza Ballroom**

TIME	ACTIVITY	PRESENTERS
0700	<b>REGISTRATION DESK OPENS</b>	
0715-0815	<b>BUFFET BREAKFAST – Plaza Ballroom</b>	
0815-0830	<b>Agenda: review/preview; small group introductions</b>	<b>Dorothy Strachan</b> , Partner, Strachan-Tomlinson
0830-1000	<b>Rapid Reviews versus Systematic Reviews: What is the Difference?</b> <ul style="list-style-type: none"> <li>To discuss the difference between rapid reviews and systematic reviews</li> <li>To present a framework for rapid review methods in terms of feasibility, timeliness, comprehensiveness, and risk of bias for each rapid review</li> <li>To select two general rapid review approaches for testing purposes</li> </ul>	<b>Dr. Andrea C. Tricco</b> , Scientist, Li Ka Shing Knowledge Institute, St. Michael's Hospital  <b>Co-presenters:</b> <b>Dr. Sharon E. Straus</b> , Scientist, Keenan Research Centre, Li Ka Shing Knowledge Institute, St. Michael's Hospital  <b>Ms. Jesmin Antony</b> , Research Coordinator, Li Ka Shing Knowledge Institute, St. Michael's Hospital
1000-1030	<b>HEALTH BREAK</b>	
1030-1200	<b>Panel: Applications and Appropriateness of Rapid Reviews</b> <ul style="list-style-type: none"> <li>To describe how decision makers are using rapid reviews to inform their decision making</li> <li>To discuss the expectations of health care decision makers with the use of rapid reviews in their contexts</li> <li>To explore the appropriateness and risks related to rapid reviews in supporting informed decision making and developing clinical practice guidelines</li> </ul> Plenary Discussion	<b>Moderator:</b> <b>Ms. Jeannette Smith</b> , Liaison Officer – Federal Programs and Nunavut, CADTH  <b>Panelists:</b> <b>Dr. Janet Joy</b> , Director of Innovation and Evaluation, Vancouver Coastal Health  <b>Mr. Kevin Samra</b> , Director, Strategic Projects Branch, BC Ministry of Health  <b>Dr. Craig Umscheid</b> , Assistant Professor of Medicine and Epidemiology, University of Pennsylvania and Senior Associate Director, ECRI- Penn AHRQ Evidence-based Practice Center  <b>Dr. Susan L. Norris</b> , Guidelines Review Committee Secretariat, WHO Press, World Health Organization



**WEDNESDAY, FEBRUARY 4, 2015 – Plaza Ballroom**

TIME	ACTIVITY	PRESENTERS
1200-1300	<b>LUNCH – Plaza Ballroom</b>	
1300-1400	<b>Publishing Rapid Reviews: Risks and Opportunities</b> <ul style="list-style-type: none"> <li>To highlight the risks and opportunities of publishing evidence-based reports, including rapid reviews</li> </ul> Plenary Discussion	<b>Dr. Lesley Stewart</b> , Director of the Centre for Reviews and Dissemination (CRD), University of York. and National Institute for Health Research (NIHR) Senior Investigator, Editor-in-Chief, Systematic Reviews Journal  <b>Dr. David Moher</b> , Senior Scientist-Clinical Epidemiology, Ottawa Hospital Research Institute and Associate Professor, Department of Epidemiology & Community Medicine, Faculty of Medicine, University of Ottawa; Editor-in-Chief, Systematic Reviews Journal
1400-1430	<b>HEALTH BREAK</b>	
1430-1530	<b>Mind the Gap: Initiating the Development of a Priority Research Agenda for Rapid Reviews</b> <ul style="list-style-type: none"> <li>To highlight ongoing rapid review research initiatives</li> <li>To initiate the development of a rapid review research priority agenda</li> </ul> Small Group Work	<b>Ms. Chantelle Garritty</b> , Senior Program Manager, Knowledge Synthesis Group, Ottawa Hospital Research Institute  <b>Dr. Jeanne-Marie Guise</b> , Director, Institute for Patient-Centered Comparative Effectiveness and Associate Director of the Scientific Resource Center for AHRQ's Effective Health Care Program
1530-1600	<b>Closing Remarks</b>	<b>Ms. Julie Polisena</b> , Clinical Research Manager, CADTH



**Jesmin Antony, MSc**

Ms. Jesmin Antony received a Master of Science from the Institute of Medical Sciences at the University of Toronto. Her thesis evaluated the impact of psychological debriefing on public transit employees after they have experienced a trauma in the workplace. Ms. Antony is currently a Research Coordinator for the Knowledge Translation Program at the Li Ka Shing Knowledge Institute of St. Michael's Hospital. Her focus is the coordination of rapid reviews, scoping reviews and systematic reviews of drug classes, complex interventions, and research methods.



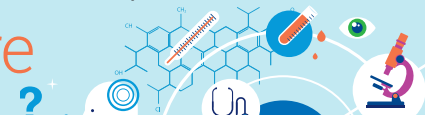
**Vivian H. Coates, MBA**

Ms. Vivian H. Coates is ECRI Institute's Vice-President for Information Services and Health Technology Assessment. Ms. Coates developed and leads ECRI Institute's evidence-based medicine and health technology assessment (HTA) program and works to enhance the program's contribution to the health care community. Ms. Coates oversees ECRI Institute's Evidence-based Practice Center and all related evidence-based programs, including the Health Technology Assessment Information Service for hospitals and health systems, health plans, and health policy-makers. She initiates and fosters relationships with the users of comparative effectiveness research and HTA to promote the use of evidence-based medicine in health care purchasing, delivery, coverage, and clinical practice guideline development. Ms. Coates is Project Director for ECRI Institute's contract with the US Agency for Healthcare Research and Quality to develop, implement, and maintain the National Guideline Clearinghouse, an Internet-accessible database of summaries of evidence-based clinical practice guidelines and related documents, and also the National Quality Measures Clearinghouse, a database of evidence-based health care quality measures and supporting documentation.



**Chantelle Garritty, BA, DCS, MSc (Public Health)**

Ms. Chantelle Garritty is Senior Research Program Manager for the Knowledge Synthesis (KS) Group, based at the Ottawa Hospital Research Institute. Chantelle completed her Master of Science in Public Health from the Dalla Lana School of Public Health, University of Toronto, in the social science and medicine stream. She holds a Bachelor of Arts (Honours) in Psychology from Carleton University and a Graduate Diploma in Child Neuropsychological Assessment & Counseling from the Dr. Eric Jackman Institute of Child Study, Ontario Institute for Studies in Education, University of Toronto. Since joining the KS Group in 2003 (formerly the Chalmers Research Group), she has been responsible for the overall operational management of the team. In addition, she has led various KS projects and has participated in several systematic reviews and related methodology initiatives. Previous international research endeavours include working as a Research Coordinator for the Cochrane Collaboration Back Review Group, the Institute for Work & Health in Toronto, and the World Health Organization Collaborating Centre Task Force on Mild Traumatic Brain Injury (University of Saskatchewan/Karolinska Institute, Sweden). Present research interests include updating systematic reviews; evidence mapping and rapid review methodologies; and use of online collaborative tools in KS.



**Jeanne-Marie Guise, MD, MPH**

Dr. Jeanne-Marie Guise received her medical degree from the University of Washington and completed residency training in Obstetrics and Gynecology from the University of North Carolina at Chapel Hill. She attended the Robert Wood Johnson Medical School Core Curriculum and received a Master of Public Health in Epidemiology from the University of North Carolina as a National Institutes of Health Primary Care Research fellow. She is Professor in the Departments of Obstetrics & Gynecology, Emergency Medicine, Public Health & Preventive Medicine, and Medical Informatics & Clinical Epidemiology at Oregon Health & Science University (OHSU) in Portland, Oregon, USA. She is Co-Director of Simulation for OHSU and Associate Director of the Scientific Resource Center for the Agency for Healthcare Research and Quality's (AHRQ's) Effective Health Care Program (responsible for the United States Evidence-based Practice Centers [EPCs]) and of the West Coast Branch of the US Cochrane Center. Dr. Guise has worked with the US EPCs for more than 15 years, conducting evidence reviews for research, consumers, clinical, and policy applications. She is active in the AHRQ EPC's Rapid Review Group and in working on future research development in the EPC program. She is dedicated to the career development of junior research faculty and directs two large training programs. Locally and internationally, Dr. Guise works to put evidence into training, policy, practice, and research.



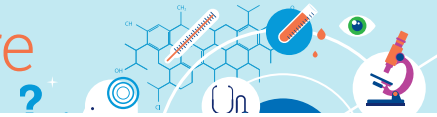
**Janet Joy, PhD**

Dr. Janet Joy is Director of Innovation and Evaluation at Vancouver Coastal Health (VCH). Her work focuses on supporting evidence-informed decision-making. This has included knowledge translation, health technology review, program evaluation, and the implementation of system-wide clinical guidelines. In 2007, she created the VCH Innovation in Health Technology Program, and in 2009, she was a member of a provincial working group that drafted a proposal laying the groundwork for the BC Health Technology Review program. She has led several regional initiatives at VCH, including a two-year pilot of activity-based funding and clinical care management, a provincial initiative in its fourth year that is aimed at improving the quality, safety, and consistency of key clinical services using a guideline-driven clinical care management system. Prior to working at VCH, she spent 10 years leading health policy studies at the Institute of Medicine in the US. She is currently working on developing visual tools to engage staff and support evidence-based quality improvement in health care.



**Chris Kamel**

Mr. Chris Kamel is a Clinical Research Manager within the medical devices portfolio at CADTH, and has been responsible for overseeing the Rapid Response program since 2011.



**Craig Mitton, PhD**

Dr. Craig Mitton is a Senior Scientist at the Centre for Clinical Epidemiology and Evaluation and Professor at the School of Population and Public Health at the University of British Columbia. Within the School, he leads the Master of Health Administration program and is the Head of the Health Services and Policy Division. Dr. Mitton is the lead author on a book titled *The Priority Setting Toolkit: A Guide to the Use of Economics in Health Care Priority Setting* and is the lead or co-author on more than 100 peer-reviewed journal articles. He has delivered more than 150 presentations in many different countries and regularly runs workshops and short courses on health economics and health care priority setting.



**David Moher, PhD**

Dr. David Moher is a Senior Scientist with the Ottawa Methods Centre, Clinical Epidemiology Program, Ottawa Hospital Research Institute, and an Associate Professor in the Department of Epidemiology and Community Medicine at the University of Ottawa, where he also holds a University Research Chair. Dr. Moher has a Master's degree in Epidemiology and a PhD in Clinical Epidemiology and Biostatistics.



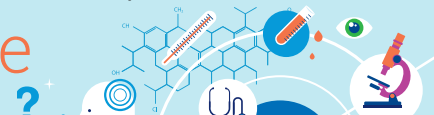
**Susan L. Norris, MD, MPH, MSc**

Dr. Susan Norris has extensive experience with systematic reviews and guideline development related to clinical medicine and public health. For almost three years, she has been Secretary of the World Health Organization (WHO) Guidelines Review Committee, where she is responsible for quality assurance of all proposals and final guidelines produced by WHO, for training in guideline development for WHO staff at headquarters and in the regional offices, and for quality improvement of WHO guidelines internationally. She wrote the second edition of the *WHO Handbook for Guideline Development* (2014) and has led numerous initiatives within WHO to improve guideline quality, including the development of guidance on how to develop evidence-informed, rapid advice guidelines in the context of a public health emergency or humanitarian crisis.



**Julie Polisena, MSc**

Ms. Julie Polisena is a Clinical Research Manager at CADTH. Her previous roles at CADTH include Clinical Research Officer and Manager, Rapid Response. Ms. Polisena has a Master of Science in Health Services Research from the University of Toronto, and is a PhD candidate in Epidemiology at the University of Ottawa. She is also a PhD Research Fellow for the Society for Medical Decision Making.



**Kevin Samra**

Mr. Kevin Samra is the Director of Business Transformation in the Strategic Projects branch at the British Columbia Ministry of Health. In Mr. Samra's current role, he provides leadership, research, support, and strategic direction to priority health system transformation initiatives. He is also the Vice-Chair of the Policy Forum, an advisory body for CADTH.



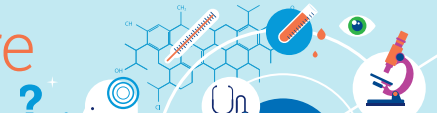
**Jeannette Smith**

Ms. Jeannette Smith is a Liaison Officer with CADTH. She is currently responsible for linkages with the federal health programs and the territory of Nunavut. CADTH Liaison Officers support jurisdictional access to and use of evidence in policy and clinical practice decision-making. An educator and business communications professional, Ms. Smith also provides information sessions on CADTH's latest research and recommendations, and hosts workshops on topics such as health evidence, critical appraisal, and health technology assessment, to help increase Canada's capacity for evidence-informed decision-making.



**Lesley A. Stewart**

Dr. Lesley Stewart is Director of the Centre for Reviews and Dissemination at the University of York. Dr. Stewart has been involved in evidence synthesis in health care since the late 1980s, previously running the Medical Research Council Clinical Trials Unit meta-analysis research program. Together with colleagues in Cambridge and Oxford, she helped establish the methodology and framework for individual patient data (IPD) reviews and was a founding member of the Cochrane Collaboration, co-convening the IPD Meta-analysis Methods Group since its inception. Her research interests include the avoidance of bias and development of IPD methods and approaches to systematic review. She has a long-standing interest in transparency and data sharing and has contributed to several recent initiatives on increasing access to clinical trial data. In 1997 she established the first publicly accessible web-based clinical trials register and, more recently, instigated the development of PROSPERO, an international register for the prospective registration of systematic reviews. She is co-Editor-in-Chief of the BMC journal Systematic Reviews and is currently President of the international cross-disciplinary Society for Research Synthesis Methodology.



### **Dorothy Strachan**

Ms. Dorothy Strachan is a partner in Strachan-Tomlinson, a consulting practice focused on process design, facilitation, and writing that has a long history in health, engineering, and other areas in Canada and internationally. Ms. Strachan's practice engages all sectors and focuses on planning, issues identification and management, board and team development, and training programs and related materials in process design and facilitation. She has authored three books in the Jossey-Bass/Wiley business and management series: *Making Questions Work*, *Process Design: Making it Work* (co-author with Paul Tomlinson), and *Managing Facilitated Processes* (co-author with Marian Pitters). For more information, visit [www.strachan-tomlinson.com](http://www.strachan-tomlinson.com).



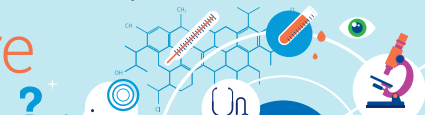
### **Sharon E. Straus, MD, MSc, FRCPC**

Dr. Sharon Straus is a geriatrician, general internist, and clinical epidemiologist and Director of the Knowledge Translation (KT) Program at the Li Ka Shing Knowledge Institute of St. Michael's Hospital and the Division Director for Geriatric Medicine at the University of Toronto. She holds a Canada Research Chair in Knowledge Translation and Quality of Care. Moreover, Dr. Straus serves as the Principal Investigator for Knowledge Translation Canada's Strategic Training Initiative in Health Research (STIHR). Her contributions include development and evaluation of strategies to bring evidence to the point of care, and the evaluation of other interventions to facilitate KT and promote quality of care. She has created a transdisciplinary research team that includes colleagues from human factors engineering, computer science, health informatics, and clinical epidemiology, among others. More than 25 graduate students have been involved with research in this program, which focuses on developing and evaluating strategies for effective KT. She is the co-author of a bestselling book on evidence-based medicine, titled *Evidence-Based Medicine: How to Teach and Practice EBM*.



### **Andrea C. Tricco, MSc, PhD**

Dr. Andrea Tricco is a Scientist at the Li Ka Shing Knowledge Institute of St. Michael's Hospital and an Assistant Professor in the University of Toronto's Dalla Lana School of Public Health. She has an MSc in Epidemiology from the University of Toronto and a PhD in Population Health from the University of Ottawa. In 2012, Dr. Tricco received a Canadian Institutes of Health Research (CIHR) Drug Safety and Effectiveness Network (DSEN) New Investigator Salary Award in Knowledge Synthesis and is a co-principal investigator of a Network Meta-Analysis team funded by the CIHR DSEN. Her research interests include advancing the science of knowledge synthesis (including rapid reviews) and responding to the needs of policy-makers through knowledge synthesis.



## **Craig A. Umscheid, MD, MSCE**

Dr. Craig A. Umscheid is an Assistant Professor of Medicine and Epidemiology at the University of Pennsylvania (Penn) School of Medicine, a practicing hospitalist, and Director of the Penn Medicine Center for Evidence-based Practice, an Evidence-based Practice Center (EPC) funded by Penn to summarize, disseminate, and implement scientific evidence for high-impact decision-making. He is a Senior Fellow in the Leonard Davis Institute of Health Economics, and Co-Director of the National Institutes of Health Clinical and Translational Science Award–supported Health System Informatics Core, where he uses Penn data to measure the impact of best practices implemented at Penn through computerized clinical decision support (CDS). He also directs the medical student evidence-based medicine education and the Critical Appraisal certificate course (Epi 806), co-directs the graduate student Systematic Reviews and Meta-analyses course (Epi 582), and is Medical Director of CDS and Chair of the Department of Medicine Quality Committee at Penn. Outside of Penn, Dr. Umscheid collaborates with organizations including the Centers for Disease Control and Prevention to assist with guideline development. In addition, he is a Deputy Editor of the *Journal of General Internal Medicine*; an invited member of the Governance Board of the AHRQ Systematic Review Data Repository and the AHRQ EPC Methods Steering Committee; a past member of the Medicare Evidence Development & Coverage Advisory Committee; and former Chair of the Society of General Internal Medicine's Evidence-based Medicine Task Force. Dr. Umscheid received his undergraduate degree from Cornell University; his medical degree from Georgetown University; a Master of Science in Clinical Epidemiology from Penn's Center for Clinical Epidemiology and Biostatistics, where he is a Senior Scholar; and a Certificate in Biomedical Informatics from the American Medical Informatics Association 10x10 Program with Oregon Health & Science University. His postgraduate training includes a residency in Internal Medicine at the University of Chicago, and a Physician-Scientist Fellowship at Penn.

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