

# KNOWLEDGE TRANSLATION CANADA

## APPLICATION DES CONNAISSANCES CANADA

### KT Canada News

July - Aug 2011

Since the last edition, KT Canada hosted another successful Summer Institute and Annual General Meeting! Many participants extended their appreciation for providing a venue enabling cross-collaboration and networking opportunities between KT experts and “up and coming” knowledge translation researchers. Along with project updates, several trainees presented posters on their current KT projects; a fruitful discussion was had based on the data obtained through the KT Canada mid-point survey; and a mini-symposium on “doing KT for KT” was well received. Topics for the mini-symposium included: introductory comments (Dr. Jeremy Grimshaw); KT for Health Care providers (Dr. David Johnson); KT for CPD providers (Dr. Michael Allen); KT for Academics (Dr. Sharon Straus); KT Knowledge Packets (Dr. Rubin Minhas); and KT for Media (Dr. Miriam Shuchman). Dr. Ian Graham provided summary comments and spoke to future KT developments within CIHR. Furthermore, guests, like Dr. Rubin Minhas stated that his participation at this year’s meeting “opened my eyes to the next generation of EBM stars!”



Thanks to all who participated and I extend my heartfelt appreciation for everyone who helped behind the scenes!!

Have a Wonderful Summer!!!

*Vanessa*



## Congratulations

The Association médicale du Québec, awarded **Dr. France Légaré**, the 2011 *Prix Alain-Cloutier*, which recognizes a physician who has provided leadership and has been innovative in transforming practice.



## Congratulations also to



- Dr. *Sophie Desroches* (Université Laval) was awarded a CIHR New Investigator award.
  - Dr. *Shannon Scott* (University of Alberta) was also awarded a CIHR New Investigator award.
  - Dr. *Monika Kastner*, who was one of the 24 recipients of the CIHR Banting Postdoctoral Fellowship.
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- Dr. *Katie Dainty*, who received a Post-Doctoral Fellowship through the Heart and Stroke Foundation of Canada.
  - Dr. *Heather Colquhoun* received a CIHR Post Doc Fellowship through the KT Priority call.

## Student Corner

We continue our Student STIHR Stipend Award Series with bios by Michelle Hamm, André Bussi res, and Monika Kastner.

### Michele Hamm



Michele is finishing her second year as a PhD student in the Department of Pediatrics at the University of Alberta. Her thesis project is centered on understanding and improving the “disconnect” between the evidence on minimizing risk of bias in research and the actual conduct of randomized controlled trials in child health. She is using a mixed methods design in her thesis work, employing survey and qualitative methodology to determine the barriers and facilitators faced by researchers when designing, conducting, and reporting pediatric trials, and then using this feedback to inform the development of a KT intervention aimed at improving methodological rigor in this population.

### Andr  Bussi res



Andr  Bussi res is a full time tenured professor at l’Universit  du Qu bec   Trois-Rivi res (UQTR) and currently a PhD Candidate in Population Health at the University of Ottawa, supported by a Canadian Institute of Health Research Fellowship Award in the Area of Primary Care, a KT Canada Fellowship Award and an Excellence scholarships from the Faculty of Graduate and Postdoctoral Studies, University of Ottawa and a KT Canada STIHR Stipend. He was the recipient of the 2009 Canadian Chiropractic Association (CCA) Young Investigator Award and principal investigator of three diagnostic imaging practice guidelines for musculoskeletal complaints in adults for chiropractors and primary care professionals. These were published in the Journal of Manipulative and Physiological

Therapeutics and posted on The National Guideline Clearinghouse™. In addition, he won two international prizes, from the European Chiropractic Union (ECU) and the Association of Chiropractic Colleges Educational Conference (ACC-RAC) in relation to a guideline implementation study. Furthermore, he represented UQTR as a stakeholder for the clinical practice guidelines (CPG) initiative by the CCA from 2006 to 2008. His research interest focuses on evidence-based guidelines developments and uptake to improve clinical practice and patient outcome, knowledge synthesis, implementation research and professional behaviour change.

### Monika Kastner



Monika Kastner is currently a postdoctoral fellow at the Li Ka Shing Knowledge Institute of St. Michael’s Hospital in Toronto. Her interests in health informatics and knowledge translation (KT) stemmed from her work with Dr. Brian Haynes at the Health Information Research Unit at McMaster University where she developed evidence-based secondary journals (such as the ACP Journal Club) and clinical queries/filters (Hedges) for searching in large bibliographic databases. These interests led to her pursuit of a PhD in health services research (supervised by Dr. Sharon Straus) at the University of Toronto, where she worked on a project aimed at closing the osteoporosis care gap. The project involved a systematic review, and the development of a multifaceted, e-clinical decision support tool for

osteoporosis disease management targeted to family physicians and patients. This KT initiative was guided by Graham’s “Knowledge-to-Action” framework, and involved a series of quantitative and qualitative studies to develop, usability test, and evaluate the prototype, which was recently implemented and evaluated in a CIHR-funded pilot study in 3 family practices in Hamilton, Ontario. Building on her KT interests in her postdoctoral work, Monika has just received the Banting postdoctoral fellowship to work with Drs. Onil Bhattacharyya and Ian Graham (and other KT Canada investigators) to study how implementability of guideline recommendations can be facilitated to improve their uptake by family physicians.

## Other Newsworthy Notes

Dr. Monica Taljaard is leading a study that suggests researchers around the world are getting better at following certain “ethical guidelines for clinical trials”, but that more work still needs to be done. Dr. Taljaard and her colleagues found that ethically-challenging “cluster-randomized” trials published between 2000 and 2008 reported a formal Research Ethics Board review only 73% of the time and informed consent only 64% of the time. There was, however, a steady increase in the use of these practices over time. Dr. Taljaard and her team are now working to develop international guidelines to further improve the ethical conduct and review of these trials. See [British Medical Journal](#) for details.

## Publications

Desroches, S, Lapointe, A, Deschênes, S-M, Gagnon, M-P, Légaré, F. (2011). Exploring dieticians’ salient beliefs about shared decision-making behaviors *Implementation Science* 6:57.

<http://www.implementationscience.com/content/6/1/57>

Ellen, ME, Lavis, JN, Ouimet, M, Grimshaw, J, Bédard, P-E (Study Protocol, 2011) Determining research knowledge infrastructure for healthcare systems: a qualitative study *Implementation Science* 2011, 6:60.

<http://www.implementationscience.com/content/6/1/60>

Estabrooks, C.A., Morgan, D., Squires, J.E., Bostrom, A.M., Slaughter, S., Cummings, G.C., & Norton, P.G. (2011) The Care Unit in Nursing Home Research: Evidence in Support of a Definition, *BMC Medical Research Methodology*. 11:46. Available online at: <http://www.biomedcentral.com/1471-2288/11/46>

Kastner, M, Estey, E, Perrier, L, Graham, ID, Grimshaw, J, Straus, SE, Zwarenstein, M. Bhattacharyya, O (Study Protocol, 2011) Understanding the relationship between the perceived characteristics of clinical practice guidelines and their uptake: protocol for a realist review *Implementation Science*, 6:69.

<http://www.implementationscience.com/content/6/1/69/abstract>

Legare F, Bekker H, Desroches S, Drolet R, Politi MC, Stacey D, Borduas F, Cheater FM *et al* (5 July 2011) How can continuing professional development better promote shared decision-making? Perspectives from an international collaboration *Implementation Science* 2011, 6:68

<http://www.implementationscience.com/content/6/1/68/abstract>

Perrier, L, Mrklas, K, Lavis, JN, Straus, SE. (2011). Interventions encouraging the use of systematic reviews by health policymakers and managers: A systematic review. *Implementation Science* 2011, 6:43.

<http://www.implementationscience.com/content/6/1/43>

Squires, J.E., Estabrooks, C.A., O’Rourke, H. M. Gustavsson, P., Newburn-Cook, C., & Wallin, L. A Systematic Review of the Psychometric Properties of Self-Report Research Utilization Measures used in Healthcare. *Implementation Science*. (In Press)

Squires, J.E., Estabrooks, C.A., Newburn-Cook, C., & Geirl, M. (2011) Validation of the Conceptual Research Utilization Scale: An Application of the Educational Standards in Healthcare. *BMC Health Services Research*. 11(1):107. Available online at: <http://www.biomedcentral.com/1472-6963/11/107>

## Links

**Inventory of Shared Decision Making Programs for Healthcare Professionals:** As a part of the “*Effective Continuing Professional Development for Translating Shared Decision Making in Primary Care*” project funded by the Canadian Institutes for Health Research, Dr. France Légaré and the research team are pleased to post a detailed list of international training activities designed for all kinds of health care professionals in an inventory of programs and training activities dedicated to shared decision making

<http://decision.chaire.fmed.ulaval.ca/index.php?id=180&L=2>. You are invited to contact Dr. Légaré ([France.Legare@mfa.ulaval.ca](mailto:France.Legare@mfa.ulaval.ca)), if you would like to add a program or share pertinent information.

**SUPPORT Tools for Evidence-Informed Health Policymaking:** SUPPORT Tools for evidence-informed health Policymaking: This series will help those involved in knowledge translation in knowing how to find and use research evidence can help policymakers and those who support them to do their jobs better and more efficiently. Each article in this series presents a proposed tool that can be used by those involved in finding and using research evidence to support evidence informed health policymaking. Visit [http://bit.ly/SUPPORT\\_Tools](http://bit.ly/SUPPORT_Tools) for more information. Great site, as all these tools are available in *English, French, Spanish and Portuguese*. Thanks to Luis Gabriel Cuervo, Technology Healthcare & Research Area, Pan American Health Organization PAHO/WHO, for providing this link!

**Intervention Mapping:** Gerjo Kok, a professor of psychology at Maastricht, has a blog on intervention mapping, which may be of interest: <http://www.interventionmapping.com/?q=node/1711>.

## KT CANADA AGM 2011 Pictures

