

# KNOWLEDGE TRANSLATION CANADA

## APPLICATION DES CONNAISSANCES CANADA

KT Canada News

Sep – Nov 2011

This month, we continue with our series on KT Canada trainees, presenting Drs. Anik Giguère and Heather Colquhoun. As always, if you would like to share your good news with the rest of the KT Canada membership, please send the clippings, pictures, etc., to me at [vlybanondaigle@ohri.ca](mailto:vlybanondaigle@ohri.ca).

Happy Reading!

*Vanessa*

### Congratulations

#### Dr. Brian Haynes - "Appointed to the Order of Canada"

Dr. Haynes has a prestigious addition to the national recognition he has received for his contributions in medical information research and for advancing evidence-based medicine in Canada and abroad. Dr. Haynes was among 74 new appointees to the Order of Canada announced in 2010 by [Michaëlle Jean](#), then [Governor General of Canada](#).

The McMaster University professor was installed by Governor General David Johnston into the Order of Canada on **Sept. 16, 2011**. He will be an [Officer of the Order of Canada](#). The Order of Canada is the centrepiece of Canada's honours system. To become an Officer recognizes a lifetime of outstanding achievement and merit of a high degree, especially in service to Canada or to humanity at large. For more information:

[http://fhs.mcmaster.ca/main/news/news\\_2010/haynes\\_appointed\\_to\\_order\\_of\\_canada.html](http://fhs.mcmaster.ca/main/news/news_2010/haynes_appointed_to_order_of_canada.html).



#### Dr. France Légaré - "2011 Family Medicine Researcher of The Year" College of Family Physician of Canada.

Dr France Légaré was awarded with the 2011 Canadian family medicine researcher of the year from the "honours and awards program" of the College of Family Physicians of Canada. This merit is designed to celebrate the members' achievements and outstanding work by offering funding for both scholarships and grants and by promoting their successes (<http://www.cfpc.ca/AboutUs/Awards/>).



## Congratulations also to

**Agnes Grudniewicz** is the recipient of a "Frederick Banting and Charles Best Canada Graduate Scholarship, part of the CIHR Master's award program, for her project: "Developing Clinician tools for the Application of Preventative Care Best-Practice Guidelines in Primary Care Settings". Agnes works with Dr. Sharon Straus, through the University of Toronto and the LiKaShing Knowledge Institute, St. Michael's Hospital, Toronto, ON.



## Student Corner

### Heather Colquhoun

Heather is presently undertaking a postdoctoral fellowship under the supervision of Dr Jeremy Grimshaw at the Ottawa Hospital Research Institute, University of Ottawa. Heather completed her doctoral work in Rehabilitation Science at McMaster University where she studied the uptake of standardized outcome measures into rehabilitation practice. Her research interests are in theory-based methods for KT intervention design, as well as intervention description. Her postdoctoral research will be to design and pilot an evidence-based, theory-derived intervention for increasing the use of standardized outcome measures by occupational therapists. She is supported through a CIHR Postdoctoral Fellowship, a KT Canada STIHR Fellowship Stipend, and a KT Canada Research Project Stipend. Heather has also been a founding and steering committee member of the Knowledge Translation Trainee Collaborative (KTTC), a National trainee-led collaborative that includes 77 members who aim to work, learn and network together as trainees.



### Anik Giguère

Anik Giguère did her PhD in eco-toxicology at INRS in Quebec. After obtaining her PhD diploma, she developed a passion for health services research, particularly knowledge translation, as a research associate with the *Quebec Center of Excellence in Ageing*. In 2010, she began postdoctoral training with Drs Michel Labrecque and France Légaré within the *Research chair in implementation of shared decision making in primary care* in Quebec. In 2011, she obtained a fellowship from the *APOGEE-Net/CanGèneTest* research network to develop Decision Boxes-innovative tools to prepare health professionals to discuss scientific evidence with their patients so they can take a decision together. Anik has recently started a second postdoctoral fellowship with Dr R. Brian Haynes at McMaster University. With the support of a KT Canada STIHR fellowship, a KT Canada research project stipend, and a grant from the Foundation of Informed Medical Decision Making, Anik is now planning to explore the barriers and facilitators to the use of the Decision Box in primary care practices. Data collected from questionnaires and interviews with physicians, nurses and pharmacists will be used to identify factors potentially influencing the implementation of the Decision Boxes in primary care.



## Student Travel/Conference



**André Bussières**, a KT-Canada trainee, presented the results of a qualitative study at International Forum on Low-Back Pain Research in Primary Care, Melbourne, Australia last March. He also co-animated a workshop along with Simon French, Nadine Foster and Tom Sanders entitled: *Troublesome translation: designing implementation interventions to improve the management of low back pain in primary care*.

In addition to meeting two research teams during his stay in Australia, André presented some of his work at the Australasian Cochrane Centre, Monash University, the Chiropractic Department, at MRIT in Melbourne, and the Behavioural Science Research Group lead by Rob Sanson-Fisher in Newcastle. He is most grateful for Travel/Conference support received from KT-Canada and the Faculty of Graduate and Post Graduate Studies at the University of Ottawa.

Bussières A, Patey A, Grimshaw J, Francis J, Sales A, Lemyre, L. *Identifying factors likely to influence the use of diagnostic imaging guidelines for spine disorders among chiropractors in North America*. International Forum on Low-Back Pain Research in Primary Care 2011, Melbourne, Australia. March 2011.

Simon F, Foster N, Page M, Bussières A. *Troublesome translation: designing implementation interventions to improve the management of low back pain in primary care*. Workshop. International Forum on Low-Back Pain Research in Primary Care 2011, Melbourne, Australia. March 2011.

Bussières A. *KT Strategies to Improve Guidelines Implementation and Clinical Decision Making*. Behavioural Science Research Group. Newcastle, Australia, March 2011.

Bussières A. *Using Diagnostic Imaging Guidelines to Improve Clinical Decision Making*. MRIT, Chiropractic Department. Melbourne, Australia, March 2011.

Bussières A. *KT Strategies to Improve Guidelines Implementation and Clinical Decision Making*. Australasian Cochrane Centre, Monash University, Melbourne. Australia, March 2011.

## Other Newsworthy Notes

- Dr. Christian Vaillancourt was in the news across the country, **encouraging bystanders to perform CPR** even if they don't have formal training. Dr. Vaillancourt also called for a number of programs and policies to promote bystander CPR, and discussed his own research in this area. The recommendations are outlined in a new [position statement](#) from the Canadian Association of Emergency Physicians, which Dr. Vaillancourt is the lead author on. See [media release](#), [Globe and Mail](#) or [CTV](#) for details.

- New research by **Dr. David Moher**'s group shows that when researchers publish the results of clinical trials of **complementary and alternative therapies**, they often completely omit safety data, or do a poor job of reporting it. In fact, safety data typically took up less space than researchers' affiliations. While Dr. Moher's study didn't specifically compare trials of different kinds of therapies, previous studies suggest that better safety reporting is required in all fields, but particularly in complementary and alternative medicine. This research could prompt changes in clinical trial reporting that could lead to safer health care. See [BMC Complementary and Alternative Medicine](#) for details.

- Dr. Ian Stiell was also featured in many international news reports after publishing results of the **largest cardiac arrest clinical trial in the world** in the [New England Journal of Medicine](#). The trial showed that extending the period of initial CPR by paramedics and firefighters from one to three minutes provides no benefit, and may even be worse in some patients. The results resolve a major controversy in the cardiac arrest field, and are expected to change practice. See [media release](#) for details, or see reports from media such as the [Globe and Mail](#), the [Los Angeles Times](#) and the [Hong Kong Standard](#).

- A new study by OHRI / uOttawa clinical epidemiology researchers suggests that **better guidelines are needed to improve how research survey results are reported**. Ms. Carol Bennett and colleagues found that survey results published in major medical journals often lack key details and very few journals provide any guidance on this. Members of this team have already developed a number of widely-used reporting guidelines for other types of research. See [PLoS Medicine](#) for details.

## Publications

Brouwers MC, De Vito C, Bahirathan L, Carol A, Carroll JC, Cotterchio M, Dobbins M, Lent B et al. *What Implementation Interventions Increase Cancer Screening Rates? A Systematic Review*. Implementation Science; 6:111. <http://www.implementationscience.com/content/6/1/111/abstract>

Brouwers MC, De Vito C, Bahirathan L, Carol A, Carroll JC, Cotterchio M, Dobbins M, Lent B et al. *Effective interventions to facilitate the uptake of breast, cervical and colorectal cancer screening: An implementation guideline*. Implementation Science; 6:112. <http://www.implementationscience.com/content/6/1/112/abstract>

Cornelissen E, Urguhart, R. Chan V WY, DeForge RT, Colquhoun HL, Sibbald S, Witteman H. (2011). *Creating a knowledge translation trainee collaborative: from conceptualization to lessons learned in the first year*. Implementation Science; 6:98 <http://www.implementationscience.com/content/6/1/98>

Doumit G, Wright FC, Graham ID, Smith A, Grimshaw J. (2011). *Opinion Leaders and changes over time: A survey*. Implementation Science; 6:117. <http://www.implementationscience.com/content/6/1/117/abstract>

Hemens BJ, Holbrook A, Tonkin M, Mackay JA, Weise-Kelly L, Navarro T, Wilczynski NL, Brian Haynes R; the CCDSS Systematic Review Team. (2011) *Computerized clinical decision support systems for drug prescribing and management: A decision-maker-researcher partnership systematic review*. Implementation Science 6:89. <http://www.implementationscience.com/content/6/1/89>

Kastner M, Estey E, Bhattacharyya O, Grimshaw J, Straus S, Zwarenstein M, Graham ID. (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>

Kastner M, Estey E, Bhattacharyya O. (2011). *Better guidelines for better care: Enhancing the implementability of clinical practice guidelines*. Expert Review of Pharmacoeconomic & Outcomes Research; 11(3):315-324. <http://www.ncbi.nlm.nih.gov/pubmed/21671701>

Légaré F, Boivin A, van der Weijden T, Pakenham C, Burgers J, Légaré J, St-Jacques S, Gagnon S. (2011). *Patient and public involvement in clinical practice guidelines: A knowledge synthesis of existing programs*. Med Decis Making (Epub ahead of print) <http://mdm.sagepub.com/content/early/2011/09/29/0272989X11424401.long>

Légaré F, Borduas F, Macleod T, Sketris I, Campbell B, Jacques A. (2011) *Partnerships for knowledge translation and exchange in the context of continuing professional development*. J Cont Educ Health Prof; 31(3):181-7. <http://www.ncbi.nlm.nih.gov/pubmed/21953659>

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

Perrier L, Mrklas K, Shepperd S, Dobbins M, McKibbon KA, Straus SE. (2011). *Interventions encouraging the use of systematic reviews in clinical decision-making: A systematic review*. Journal of General Internal Medicine; 26(4):419-426. <http://www.ncbi.nlm.nih.gov/pubmed/20953729>

Stacey D, Bennett CL, Barry MJ, Col NF, Eden KB, Holmes-Rovner M, Llewellyn-Thomas H, Lyddiatt A, Légaré F, Thomson R. (2011). Decision aids for people facing health treatment or screening decisions. Cochrane Database of Systematic Reviews 2011, Issue 10. Art. No.: CD001431. DOI: 10.1002/14651858.CD001431.pub3. <http://www2.cochrane.org/reviews/en/ab001431.html>

White DE, Straus SE, Stelfox H, Holroyd-Leduc JM, Bell CM, Jackson K, Norris JM, Flemons W, Moffatt ME, Forster AJ, (2011). *What is the value and impact of quality and safety teams? A scoping review*. Implementation Science; 6:97. <http://www.implementationscience.com/content/6/1/97>

