



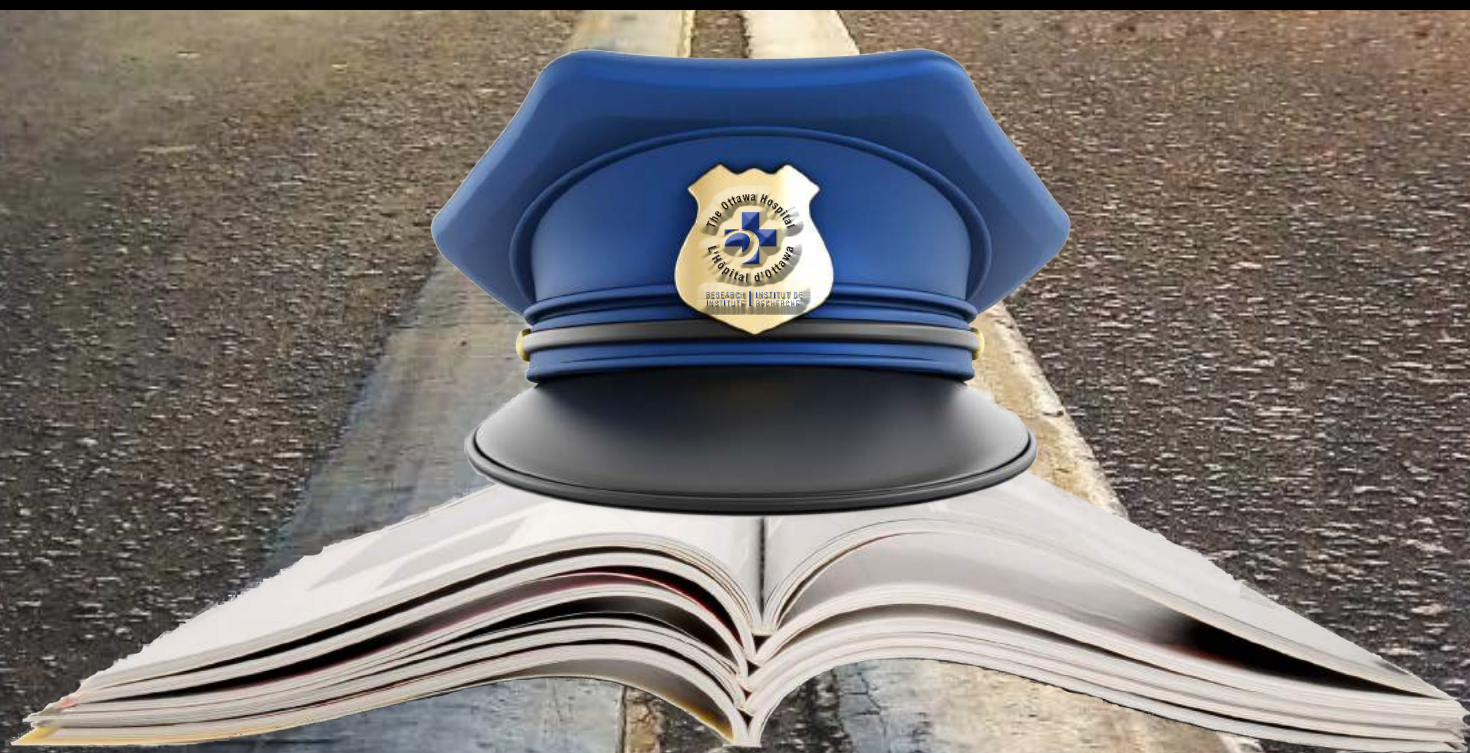
EPIgram

focusing on CEP news and events that matter to you

Volume 7 ~ Winter 2016



There's a new officer in town...to serve and to help publish



The Publications Officer

What's inside...

Cover story

The Publications Officer

Meet Kelly Cobey, OHRI and CHEO's first ever Publications Officer who is helping researchers navigate through the publishing world.

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About us

Centre for Practice-Changing Research at the General campus



The Ottawa Hospital Research Institute's Clinical Epidemiology Program (CEP), affiliated with the University of Ottawa, aims to put knowledge to work – performing high quality clinical research that can inform health decisions and ensuring that results are optimally applied to improve health. CEP is known globally for its expertise in clinical trials, systematic reviews, knowledge translation, clinical decision rules and patient decision aids. To this end, the CEP is organized into six main themes, namely: Knowledge synthesis; Health research methods; Maternal and fetal health; Emergency medicine and Critical care; Circulatory and respiratory health; Knowledge translation, quality and safety. CEP is also affiliated with The Ottawa Hospital Rehabilitation Centre (TOHRC).

CEP in the news

July

'Get informed, get tested': getting the word out about hepatitis C

Dr. Curtis Cooper was interviewed by the *Ottawa Citizen* about hepatitis C diagnosis, treatment and prevention on World Hepatitis Day. He noted that clinical trials at The Ottawa Hospital have contributed to the development of new drugs that provide good treatment options for almost everyone with hepatitis C, but much more work needs to be done on screening and prevention.

Caveats about favored access method for dialysis

Dr. Swapnil Hiremath was interviewed by *NPR* about different options to access the blood for dialysis (fistulas versus catheters). While observational studies have suggested that fistulas are better, many experts do not agree because this has never been tested in a randomized controlled clinical trial. Dr. Hiremath is now working to conduct the first trial of this kind.

Changing how doctors deal with preemies

Dr. Gregory Moore was interviewed for a feature story in the *Ottawa Sun* on premature babies. Dr. Moore discussed a systematic review and meta-analysis he led looking into developmental challenges faced by some very premature babies. He is now testing a tool to help families be more involved in making decisions on how to care for very premature babies.

Ottawa program aims at reducing sexual assault at music festivals

Dr. Kari Sampsel was mentioned in *Metro Ottawa* regarding her research showing that more sexual assaults are reported after large community gatherings. This research has led to a new program called **Project Soundcheck** that seeks to empower staff and volunteers at Ottawa music festivals to create a safer space for women. CEP co-authors: **Justin Godbout, Tara Leach, Monica Taljaard, Lisa Calder.**

August

How science predicts your life expectancy

Dr. Doug Manuel was interviewed in the *Heart and Stroke Foundation's* blog about his research on predicting life expectancy. Dr. Manuel and his colleagues recently developed a life expectancy calculator that is embedded in the [Heart and Stroke Risk Assessment tool](#)¹



HEART &
STROKE
FOUNDATION

Risk
ASSESSMENT

Using a medical app to improve vaccination compliance

Dr. Kumanan Wilson was interviewed by *iMedicalApps* about the ImmunizeCA app, which helps Canadians track their vaccinations and provides information on vaccine-preventable outbreaks.

New \$9-million operating rooms custom-built for non-invasive surgery

Dr. Sudhir Nagpal was interviewed by the *Ottawa Citizen*, *Ottawa Community News* and other media about minimally invasive surgery and the benefits of The Ottawa Hospital's new specialized operating rooms for this kind of surgery.



Dr. Sudhir Nagpal, the Ottawa Hospital's chief of vascular and endovascular surgery, on right, and his patient, inside new operating room.

September

Poverty may increase odds of repeat hospitalizations

Dr. Carl van Walraven was quoted in a *Fox News* story on a U.S. study which suggests that hospital re-admission rates may have more to do with patients' income and education levels than with the quality of care they received. Dr. van Walraven wrote an editorial on the research, published in *JAMA Internal Medicine*. The finding is important for the debate about how to measure hospital performance.



Champlain eConsult tool receives national recognition for improving access to medical specialists

A web-based medical consultation tool developed by a team led by [Drs. Clare Liddy and Erin Keely](#) has ranked second in Canada Health Infoway's 2015 ImagineNation e-Connect Impact Challenge for e-Requests for Services. As described in this video, the Champlain BASE eConsult Service can reduce wait times for specialty medical advice from months to an average of two days, with high user satisfaction. More than 46 teams from across Canada competed in the challenge, aimed at improving the quality of care and the patient experience by advancing digital adoption among health-care providers. Currently more than half of primary care providers in Eastern Ontario are registered users of the Champlain BASE eConsult Service, which is a collaboration between The Ottawa Hospital, Bruyère Research Institute, the Champlain Local Health Integration Network, and the Winchester District Memorial Hospital.

October

For-profit long-term care homes have higher mortality and hospitalization rates

New research led by [Dr. Peter Tanuseputro](#) shows that for-profit long-term care homes have significantly higher hospitalization and mortality rates than not-for-profit homes. The finding comes from an analysis of 53,739 long-term care residents in Ontario between 2010 and 2012, using data housed at the Institute for Clinical Evaluative Sciences. Six months following admission, and following adjustment for multiple factors at the individual and facility level, the mortality rate in for-profit homes was 16 per cent higher, and the hospitalization rate was 33 per cent higher in for-profit homes, than in not-for-profit homes. An accompanying [online calculator](#)² uses the study findings to predict the chance that a long-term care resident will die in the six months after admission. CEP co-authors: [Mathieu Chalifoux](#), [Carol Bennett](#), [Andrea Gruneir](#), [Douglas Manuel](#).

National research network to improve outcomes for venous thromboembolism patients

[Dr. Marc Rodger](#) is co-leading a new national research network – the first of its kind in the world – dedicated to improving care for patients with blood clots in the lungs and legs (called venous thromboembolism or VTE). VTE is the most common cardiovascular disease after heart attack and can be deadly if

left untreated. Chronic VTE also poses a major health burden for patients and for the health care system. The new network, called CanVECTOR, aims to improve VTE diagnosis and therapeutic management, improve the safety of anticoagulant delivery, and enhance the quality of life of those impacted by VTE.

Children with cancer provide a portrait in resilience for charity walk

An Ottawa Citizen story and video on a young boy with bladder cancer included an interview with [Dr. Ilias Cagiannos](#).

Dr. Cagiannos described an innovative approach that could be used to build a new bladder for the boy, and also commented on the need for more research.



Matteo Garland-Filoso and his younger brother Nicco surely qualify as portraits in resilience. The two children, seven and four, are cancer survivors, and for the third year in a row led the annual local Bladder Cancer Canada Awareness Walk.

Ottawa Subarachnoid Hemorrhage Rule could save \$25 Million in Ontario

With headache as its predominant symptom, subarachnoid hemorrhage (SAH) can be challenging to diagnose. It is estimated that close to 50 patients presenting with SAH in Ontario annually are misdiagnosed at the time of their first hospital visit and half of those patients die because of the misdiagnosis, with many survivors affected by neurological damage. [Dr. Jeff Perry](#) and colleagues have developed a clinical decision rule that can completely eliminate SAH misdiagnosis and is therefore expected to save approximately 25 lives in Ontario each year. A preliminary economic analysis led by [Dr. Kednapa Thavorn](#) helped convince the Council of Academic Hospitals of Ontario to undertake a more detailed economic analysis, which predicts that the rule could save Ontario \$25 million per year through avoiding death and disability.

A cancer-controlling pill? How one Ottawa woman's once often-fatal disease became a manageable illness

A recent article in the *Ottawa Citizen* provides a "real-life example of how research and scientific progress is changing some cancer diagnoses from almost certain death sentences, for some patients, to manageable chronic illnesses". The story features top city manager Nancy Schepers, who was diagnosed with leukemia in 2012, as well as her hematologist, [Dr. Isabelle Bence-Bruckler](#).

Drugs used in kidney transplants ineffective, even deadly, Ottawa researchers find (Ottawa Citizen)

An international clinical trial led by [Drs. Greg Knoll and Dean Fergusson](#) has shown that contrary to expectations, a blood pressure-lowering drug called ramipril has no benefit for kidney transplant patients, and is associated with potentially dangerous side-effects. Ramipril lowers blood pressure and previous research has shown that it reduces the risk of kidney failure in high-risk people who have not undergone transplants. Many people assumed the benefits would be similar in transplant patients, so this drug has been commonly used in these patients despite limited evidence of benefit.

CEP co-authors: [Michael Chassé](#), [Paul. Hebert](#), [George Wells](#), [Deborah Hogan](#), [Tim Ramsay](#).

Cancer researchers work to combat the Angelina effect (Ottawa Citizen)

Despite a low risk of breast cancer recurrence, increasing numbers of Canadian women are opting to have their healthy breast removed after a cancer diagnosis in their other breast. This phenomenon has been called the “Angelina effect” after American actress Angelina Jolie, who famously had a preventive double mastectomy after she learned

she carried a mutation in the BRCA1 gene known to dramatically increase the risk of breast cancer. With a \$100,000 grant from the Canadian Cancer Society and a \$99,000 grant from the Ontario Institute for Cancer Research,

[Drs. Janet Squires \(right\) and Angel Arnaout \(left\)](#) will consult with medical professionals and patients across Canada to try to understand this phenomenon. They will also try to develop interventions to minimize this unnecessary surgery, which can lead to side effects and delays in cancer treatment.

CEP co-investigators: [Ian Graham](#), [Jeremy Grimshaw](#), [Dawn Stacey](#), [Jing Zhang](#).



Ottawa scientists break new ground in post-op kidney transplant treatment (CBC radio international)

“Doctors and research scientists in Ottawa continue to poke holes in conventional medical wisdom.” [Dr. Greg Knoll](#) was recently interviewed about his research showing that three

drugs commonly used in kidney transplant patients are not nearly as effective as previously thought.

November



Urology Movember Madness (from left to right): Luke Lavallée, Chris Morash, Soyna Cnossen, Louise Lebel, Mike Horrigan, Rodney Breau

Seniors in private nursing homes more likely to die within 6 months: study (CTV news)

A recent study by the Institute for Clinical Evaluative Sciences (ICES), led by [Dr. Peter Tanuseputro](#) found that for-profit seniors’ homes have a 16 per cent higher death rate for seniors within six months of arrival, and that there is a 33 per cent greater likelihood that they’ll end up in hospital.

Air pollution levels linked to life expectancy, diabetes: study (Canadian Press)

[Dr. Doug Manuel](#) was interviewed by the Canadian Press about a new study that quantifies the health risks associated with air pollution. The release of the study coincides with the relaunch of the Project Big Life calculator. Dr. Manuel added in the pollution data gathered by Crouse’s group and re-calibrated the calculator accordingly. You can find out how pollution in your neighbourhood may affect your lifespan using the [Project BigLife³](#)

Mouth-to-mouth breathing is important in CPR, study finds (Ottawa Citizen)

Traditionally, paramedics and firefighters have been taught to perform CPR in cycles of 30 seconds of chest compressions, followed by an interruption for two rescue breaths. However, in recent years, animal studies and observational human studies have convinced some groups to cut out the interruptions, by doing continuous chest compressions and more frequent rescue breathing at the same time. Now an international team, including **Drs. Ian Stiell and Christian Vaillancourt**, has finally laid the debate to rest. They conducted a massive randomized clinical trial that showed that continuous CPR is no better than interrupted CPR, and in fact, the continuous approach may even be a bit worse. Three thousand Ottawa patients, 400 Ottawa paramedics and 1,000 Ottawa firefighters participated in the study. CEP co-investigator: **Graham Nichol**

December


Dr. Marc Carrier named "Personality of the Week" by Radio-Canada and Le Droit

Dr. Marc Carrier was interviewed on Radio-Canada and profiled in Le Droit as part of being named their "Personality of the Week". Dr. Carrier recently received the Chrétien **Researcher of the Year Award** for his ground-breaking study on cancer screening in people with unexplained blood clots.

Controversial prostate cancer screening can be improved by repeating abnormal tests

For more than 20 years, the prostate-specific antigen (PSA) test has been used to help screen for prostate cancer, but in recent years, some guideline groups have called for this blood test to be abandoned because it has a high false-positive rate, which can lead to unnecessary biopsies. Now, a new study led by **Drs. Rodney Breau and Luke Lavallée** shows that simply repeating an abnormal PSA test can significantly reduce the risk of having an unnecessary biopsy. Prostate biopsies are invasive and expensive, so this research could significantly benefit patients and the health-care system. CEP co-authors: **Kelsey Witiuk, Sonya Cnossen, Ranjeeta Mallick, Dean Fergusson, Franco Momoli, Chris Morash, Ilias Cagiannos**

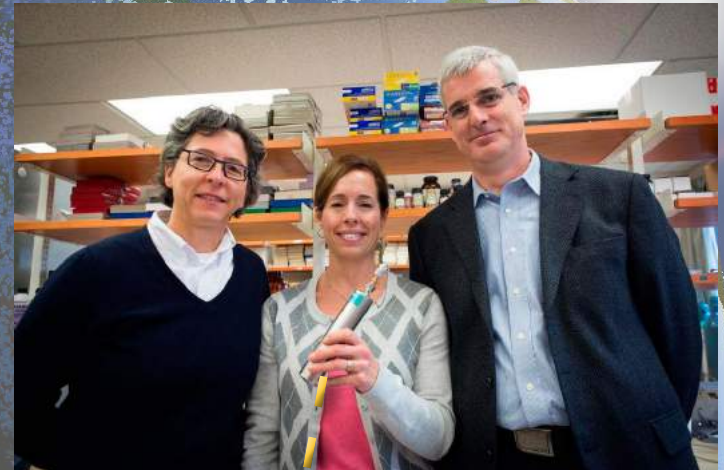
Mobile mobility: Ottawa company invents smartphone-piloted wheelchair

Dr. Edward Lemaire was interviewed by Global News regarding the SmartChair app, technology that lets people in wheelchairs bring their wheelchairs to them across a room, or sit on a couch and have the wheelchair drive away so that it no longer blocks their view of the TV. "Almost all of this comes down to independence," said Dr. Lemaire, who is an advisor on the project. 



Ottawa scientists send equipment into space to study astronauts' health (Ottawa Sun)

Dr. Guy Trudel, working with the Canadian Space Agency, sent equipment up to the International Space Station via the rocket Atlas that will monitor participating astronauts by focusing on their bone marrow and the impact of microgravity (weightlessness as experienced on the ISS, and not the zero gravity of deep space). This study known by its acronym **MARROW** ("bone Marrow Adipose Reaction: Red or White"), will provide a "unique insight" into the basic mechanisms of immobility, helping develop physical countermeasures, or new drugs for treatment and prevention. Dr. Trudel could apply his research directly to patients here, with advancements in drugs and physical therapies.



Dr. Odette Laneuville, co-investigator (left) and Theresa Backlund, study coordinator (center) and Dr. Guy Trudel



metal canister used in the International Space Station to collect and return air samples to Dr. Trudel's lab

Many CEP staff were honored with awards in 2015

CEP Summer students receive awards for their contributions

The end of August 2015 marked the last presentations of the Ottawa Hospital Research Institute's summer student seminar series and also the awards ceremony for the best student presentations. Two CEP students were stand outs based on both peer and coordinator evaluations:

Alex Straus, won Gold for his presentation, "The Efficacy of Mesenchymal Stem Cells in the Treatment of Pre-Clinical Models of Sepsis: A Systematic Review."

Supervisor: **Dr. Loralyn McIntyre**

Olivia Cook, won Gold for her presentation, "Referrals and Hospital Admissions in Emergency Department Syncope Patients."

Supervisor: **Dr. Venkatesh Thiruganasambandamoorthy**



The Royal Society of Canada's newest member

In November, **Dr. Dawn Stacey** was named as a member of the Royal Society of Canada's College of New Scholars, Artists and Scientists. The honour recognizes Dr. Stacey's internationally recognized research which aims to understand, measure, and evaluate the implementation of decision coaching and decision support tools for patients and health-care professionals. She leads national and international initiatives to synthesize effective interventions and develop standards for translating scientific knowledge into user-friendly tools. Her research findings are used in clinical practice, continuing education for healthcare professionals, and health policy in Canada, Chile, the United States, United Kingdom, and Australia.



Dawn Stacey (centre) with her uncle Leighton and her sister Susan at the awards ceremony in Victoria, BC on November 27

Dr. Amanda Black awarded a research chair in women's health

Dr. Amanda Black has been appointed as the Elaine Jolly Chair in Women's Health Research. Dr. Black's research focuses on family planning and contraceptive care. This chair position (one of two) was created as a result of a \$2.5 million fundraising campaign by The Ottawa Hospital Foundation – a large portion of which came from the generosity of Shirley E. Greenberg. Other goals of the Chair include the creation of strategic collaborations to implement care and the empowerment of all women by informing them of research developments.

Dr. Alan Forster is one to watch

Dr. Alan Forster was named as one of Canada's "20 doctors to watch" by the *Medical Post* in September. The honour recognizes Dr. Forster's efforts to improve quality of care, including his research on post-discharge phone calls to reduce hospital readmissions.



Dr. David Moher

Winner of the Dr. J. David Grimes Research Career Achievement Award 2015

Dr. David Moher was recently ranked in the top 0.03 percent of all biomedical researchers in the world. He has published nearly 500 research papers, which have been referenced more than 25,000 times by other scientists. Most importantly, his research has changed medical practice and improved health care around the world.

Not bad for someone who only learned to write at age 13 and still struggles with dyslexia.

Growing up in Ireland, Dr. Moher had a reputation for questioning everything and everyone. This eventually led him to study psychology and epidemiology in Canada and The Netherlands.

Soon after starting his research career, he became particularly interested in answering difficult medical questions with no clear

answers. He would systematically comb through all the studies ever published on a given topic and combine the results in an unbiased way to help solve medical controversies. Today, this kind of exercise is called a “systematic review” and Dr. Moher is considered a founding father of the field.

Now a senior scientist at The Ottawa Hospital and professor and research chair at the University of Ottawa, Dr. Moher has published more than 70 systematic reviews on a wide range of topics, including cancer, diabetes, stroke and HIV. These reviews have prompted changes in medical practice that have improved care at The Ottawa Hospital and around the world.

Dr. Moher is also a world leader in studying how researchers report their results in medical journals, and developing tools to improve this. He first became interested in this area while conducting systematic reviews. He noticed that many publications of clinical trial results lacked key details about how the experiments were performed and how the data were analyzed. This made it difficult to know if the results were reliable.

“I found that this was a real disservice to patients,” explained Dr. Moher. “People were altruistically participating in research studies, believing that their contribution would make a difference for future patients but, in fact, some research publications were written so poorly that the results were unusable.”

Dr. Moher set out to change this by developing a checklist and guidelines that researchers could use to make sure their clinical trial publications include all the required information. The result, called CONSORT, has been endorsed by more than 500 biomedical journals worldwide and has been called a “milestone in research methods” by the influential United States Patient-Centered Outcomes Research Institute.

Dr. Moher has also developed a widely-used guideline for reporting the results of systematic reviews, called PRISMA. In addition to his research achievements, Dr. Moher has mentored dozens of trainees and junior investigators. He is also a scientific advisor to the World Health Organization and leader of The Ottawa Hospital Technology Assessment Program.





Dr. Marc Carrier

Winner of the Dr. Michel Chrétien Researcher of the Year Award 2015

Dr. Marc Carrier was well on his way to becoming a plant biologist when a stint volunteering in a retirement home convinced him to make a career change.

"It was so rewarding to be able to help these people," he said. "It made me want to go into medicine."

Dr. Carrier was eventually able to combine his passion for science with his compassion for people as a senior scientist and specialist in venous thromboembolism (VTE) at The Ottawa Hospital. He recently published a study in the New England Journal of Medicine that is improving care for VTE patients around the world.

VTE is a potentially deadly disease that occurs when a blood clot lodges in the veins of the legs or lungs. Previous research suggested that VTE could also be an early warning sign of cancer in patients without other risk factors, so many clinicians were doing extensive cancer screening in these patients. However, there was very little evidence to show that this screening was benefiting patients, so Dr. Carrier designed and led a clinical trial to test this.

The trial randomly assigned 854 patients with unexplained VTE to receive basic cancer screening or basic cancer screening plus a CT scan of the abdomen and pelvis. Surprisingly, the results showed no difference in the number of cancers detected or cancer-associated deaths in the two groups.

"Although it is tempting to believe that more cancer screening is always better, our study shows that this is not necessarily the case," said Dr. Carrier, who is also an associate professor at the University of Ottawa. "And in fact, unnecessary CT scanning has real risks. It can cause stress and anxiety in patients, as well as radiation exposure, and it can lead to over-investigation of false-positive findings. Our study means many patients will now be able to avoid this."

The results could also save up to \$9 million per year in Canada due to reduced use of CT scans.

Dr. Carrier credits his success to excellent mentors, great team members and inspiring patients.

"As a researcher, I always appreciate when patients ask questions and challenge the medical dogma because this is where I get my ideas from," said Dr. Carrier. "I think that all clinicians should foster an interest in research because it helps you understand the evidence and makes you more attentive to patients."





THE CAMPBELL COLLABORATION

What helps? What harms? Based on what evidence?

Dr. Jeremy Grimshaw elected co-chair of the Campbell Collaboration

Dr. Jeremy Grimshaw has been elected co-chair of the Campbell Collaboration, an international research network that produces systematic reviews on the effects of social interventions in crime and justice, education, international development and social welfare. The international secretariat is located in Oslo and hosted by the Norwegian Knowledge Centre for Health Services. "I strongly believe that systematic reviews are the 'right' units of knowledge to inform public policy and personal decisions across all areas of human endeavour, and that it's important to ensure that systematic reviews covering a broad range of topics are available for societies and their citizens," said Dr. Grimshaw. Dr. Grimshaw is a long standing contributor to The Cochrane Collaboration, which focuses on health-related systematic reviews, and he has led Cochrane Canada since 2005. He has completed 35 systematic reviews (including 10 Cochrane reviews) on a wide range of topics.

He attended the two exploratory meetings that established the Campbell Collaboration and has participated in a number of Campbell activities since then. As Co-Chair of The Cochrane Collaboration, he worked to establish a formal partnership between Cochrane and the Campbell Collaboration recognizing the potential synergies between two strong sister organizations. He also has worked with the Campbell Collaboration leadership on two global evidence synthesis activities (the Global Evidence Synthesis Initiative and Evidence Synthesis International).

MENTORSHIP AWARD



Dean Fergusson (left) and **Bill Cameron** (centre) were honored with the 2015 Department of Medicine **Mentorship Award**. **Phil Wells** presented both with the award at the Department of Medicine Recognition Ceremony on November 19th

DANIEL I MCSAAC

MD, MPH, FRCPC

Assistant Professor of Anesthesiology, University of Ottawa

Associate Scientist, Ottawa Hospital Research Institute

Staff Anesthesiologist, The Ottawa Hospital

Daniel with
his son



Patient care, Perioperative health, and the Patriots

EPIgram: What was your first job?

DM: Working on my parent's dairy farm in PEI

EPIgram: What drives you to do research?

DM: At a basic level I think it's fun to learn new things. Nowadays, I'm interested in understanding what we do in healthcare, and how that impacts patient outcomes. That way we can keep doing the good things, while changing the way we approach care in an informed way. At the end of the day it's still fun though, especially working and collaborating with great people and using lots of different data sources.

EPIgram: What are you currently working on?

DM: I've got two main focus areas right now. The first is evaluating the outcomes of high risk surgical patients, primarily the frail elderly. With the frail elderly, we know that they have bad postop outcomes, but we still don't have an adequate approach to identifying them before surgery, let alone intervening with these high risk patients to improve their health trajectory in the perioperative period. The second area is perioperative health services research, using data to understand and

evaluate the health system around the time of surgery to get insight into how the system may impact patient outcomes.

EPIgram: If you hadn't become an anesthesiologist what would you be doing?

DM: I probably would've done a PhD in chemistry and would be designing catalysts somewhere.

EPIgram: What do you like to do in your spare time?

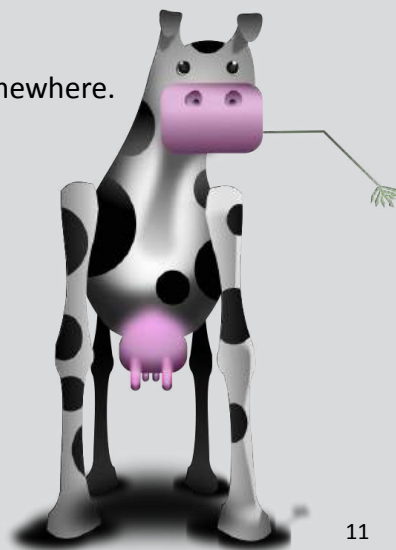
DM: Enjoy the downtime at home, stay active, do a little travelling.

EPIgram: What's the one thing about you few people know?

DM: I'm pretty good at milking cows.

EPIgram: What inspires you to do good?

DM: I think that's what we're here for.



EPIgram: What are some goals you are still trying to accomplish?

DM: I'd really like to play a role in shaping a redesign of perioperative care to make it more effective and efficient. I suspect that we probably need to focus more on continuity of care for our higher risk patients, but I'm still new and have lots to learn about this.

EPIgram: What are you really bad at that you'd love to be great at?

DM: I can't draw. My kids tease me all the time about it.

EPIgram: If you could possess one super-human power, what would it be? Why?

DM: I'd like to be able to fly. Who wouldn't want to fly?

EPIgram: If you could trade places with anyone in the OHRI for one day, who would it be and why?

DM: There are a lot of people that would be super interesting to switch places with, but if I had to choose one I'd have to say Alan Forster. There are a few reasons. I'd like to gain insight into bridging the research-hospital admin gap, and I'd like to see how you can have that many meetings in a day. I suspect I could only handle it for a day, though.

EPIgram: Other than the present, which historical era would you like to have lived in?

DM: I'd like to spend some time in Egypt, to see how the pyramids were really built. ☀



Daniel with his family at a Redblacks game and then at Mont Tremblant



DANIEL'S FAVORITES

Thing to eat: Curry

Sport and sports hero: I'm a big New England Patriots and Tom Brady fan, regardless of what they say about his balls.



Inspired by research.
Driven by compassion.
A new tag line. A new logo.



Check out this link for all the new OHRI logos and templates:
<http://www.ohri.ca/extranet/communications/logotemplates.asp>

The National Praying League



Dr. Hillel Finestone (in photo), wrote a fictional short story called, "***The National Praying League***", which was selected and published in October 2015 by the Oklahoma University school of medicine journal called "Blood and Thunder, Musings on Art and Medicine". Click [**HERE**](#)⁴ to read "The National Praying League".





est. 2002

The University of Ottawa Centre for Transfusion Research

~by Irwin Schweitzer, UOCTR Program Manager

Now in its 13th year, the **University of Ottawa Centre for Transfusion Research (UOCTR)**, with funding support from the Canadian Blood Services, continues to build on its successful network of talented and multidisciplinary local, national, and international researchers centered at the Ottawa Hospital

Research Institute. Of particular note are the research fellows who have gone on to take up research and/or clinical positions in Quebec City, Ottawa, Hamilton and Paris, France. The CTR's national training program in clinical research currently has two fellows enrolled, and actively seeks additional candidates who want to begin or enhance their research experience in transfusion medicine, transplantation medicine or resuscitation/critical care research.

For the fiscal year 2015-2016, UOCTR Scientists published 16 papers, almost all in peer-review journals. In addition, there are 14 manuscripts at various stages of development.

In our last annual progress report we noted that 3 proposals were submitted to CIHR's last Open Operating Grants competition. We are pleased to announce that all three were funded; Dr. Tay for the "Platelet Transfusions in Hematopoietic Stem cell Transplantation - The PATH Study" (\$213,400; 2 years), Dr. McIntyre for the "Crystalloid FLUID Choices for Resuscitation of Hospitalized Patients: A Pragmatic Cluster Cross Over Pilot Trial" (\$99,504; 1 year) and Dr. Breau for the "Tranexamic acid during cystectomy trial" (\$394,050; 3 years). In addition, Dr. Knoll's Foundation Scheme application, "A Research Program to Improve Patient Outcomes in Kidney Transplantation" was funded for 7 years (\$3,871,800).

In the current fiscal year our Members have submitted research proposals for funding consideration to CIHR and to the AHSC-AFP Innovation Fund (Academic Health Science Centre-Alternate Funding Plan).

CTR Scientists meet on a quarterly basis to discuss ongoing projects, develop new projects and take care of CTR business. Members who are not able to participate in person join the meetings by teleconference and/or videoconference. The CTR is interested in inviting new Members whose research interests align with its mandate to join, take advantage of its resources and expertise and help expand its reputation. ✨

UOCTR Team

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Nicholas Fergusson
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Michaël Chassé
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Ryan Zarychanski

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Jeremy Grimshaw
Salmaan Kanji
Tim Ramsay

Fellows:

Grace Christou
Anne Tsampalieros



Cover Story

Meet the Publications Officer

New resources at OHRI and CHEO RI to help improve publication quality

~by Kelly Cobey, Publications Officer

Our new publications officer, Kelly Cobey, began in her role in April 2015



What does a publications officer do?

The central aim behind the Publications Officer position is to provide resources and educational outreach to researchers at OHRI and CHEO RI in order to ensure that publications are clearly and transparently reported. It is hoped that the Publications Officer's services will help researchers to improve their manuscripts and get published quicker, with fewer revisions and resubmissions, in the best-suited journal.

An increasing literature suggests that publications are not currently fit-for-purpose. That is to say, many publications lack very basic information or are not reported transparently. This situation is regrettable as it means that knowledge is not being transmitted efficiently. To read more about the problems with biomedical publishing, please see a special issue recently published in the Lancet entitled '*Research: increasing value, reducing waste*'.

What types of outreach will be provided?

Throughout the year Kelly will be presenting on a variety of topics relevant to publishing, including those listed below. You can also arrange a one-to-one meeting to discuss your own publications.

- research integrity
- institutional policies and resources
- image manipulation
- selecting a journal to publish in
- how to use reporting guidelines
- open access and predatory journals
- metrics and altmetrics
- effectively responding to reviewer comments





Need help getting published?

View the new Centre for Journalology webpage at:

www.ohri.ca/journalology

1.

Journalology is the study of publication science. This platform provides resources on how to write clear and complete manuscripts and on topics like publication integrity, open access, and metrics.

Visit the EQUATOR webpage to select an appropriate reporting guideline for your study:

<http://www.equator-network.org/>

2.

Reporting guidelines are checklists that help authors to ensure that they have clearly reported a minimum set of information in their manuscript.

3.

Set up a one-to-one meeting with the publications officer via email: kcobey@toh.on.ca



Researchers and institutions worldwide celebrated and promoted open access publishing October 19th-25th, 2015. Read more here: <http://www.openaccessweek.org/>

Four things to know about open access publishing:

1. It is a requirement of the Tri-Agency: The Tri-Agency (e.g. CIHR, NSERC, SSHRC) has an [open access](#)⁵ policy which makes it mandatory that funded work be made publically available within 12 months.

How to be compliant? You can publish in an open access journal (referred to as Gold Open Access) or deposit your work into a freely available [repository](#)⁶ (referred to as Green Open Access). The uOttawa has an easy to use repository that is free to use and that is indexed by Google Scholar.

2. uOttawa and OHRI affiliated researchers are eligible for discounts with open access publishers: uOttawa has established a number of discounts with open access publishers that OHRI researchers are eligible for. Please see the [uOttawa Library Website](#)⁷ for full details on the available discounts and the relevant processes for obtaining these.

As examples, the following discounts apply:

Public Library of Science (PLOS) – Full processing charge is covered

BioMed Central / Springer Open / Chemistry Central – 65% discount on article fees

3. You can apply for funding for open access publications: It is appropriate to request funding for open access publishing in your grant applications.

4. Beware of predatory 'open access' journals: Predatory journals are those that claim to publish open access research, but fail to conduct themselves with rigor and integrity. For example, they may not be transparent in the way they operate or may conduct poor quality or no peer review. These journals often solicit submissions via e-mail. They tend not to be indexed and are thus unlikely to be read, cited or used in future research or practice.

Please do not hesitate to contact the Publications Officer to obtain more information about a journal you are considering submitting to.

Questions?

If you have questions about the above information or issues relating to publishing, please contact the Publications Officer, **Dr. Kelly Cobey** (kcobey@toh.on.ca)



Citations

~by Alexandra (Sascha) Davis, Librarian,
Library and Learning Centre

Researchers can increase their visibility through the use of **Google Scholar Citations** and connect with other experts to help promote collaboration. *Google Scholar Citations* is a profile made available to authors through Google Scholar that allows authors to track citations to their work. The benefit of *Google Scholar Citations* is how easy it is for an author to showcase their work unlike other academic profiling systems which require a subscription. And of course it is easily accessible via Google. The downside is that *Google Scholar Citations* is not a regulated citation index and thus the issue of data integrity does arise.

How to create a profile:

1. You need to sign up for a regular Google account if you don't already have one. Once you've signed in to your Google account, the Citations sign up form will ask you to confirm your name, and to enter your affiliation, research interests, etc.
2. On the next page, you'll see groups of articles written by people with names similar to yours. Click "Add all articles" next to each article group that is yours, or "See all articles" to add specific articles from that group. If you don't see your articles in these groups, click "Search articles" to do a regular Google Scholar search, and then add your articles one at a time.
3. Once you're done with adding articles, it will ask you what to do when the article data changes in Google Scholar. You can either have the updates applied to your profile automatically, or you can choose to review them beforehand.
4. Finally, you will see your profile. You can upload your photo and verify all the information. Once you are satisfied, make your profile public so people can find your name when searching.

Tips:

- Make sure your profile is public to increase your visibility
- Keep on top of missing publications in your profile.
- Ensure all the publications you want discovered are findable through such places as institutional repositories, personal websites, or open repositories such as SlideShare
- Monitor your profile as Google will add references that aren't yours. You can prevent this by using the profile setting of - "Don't automatically update my profile."
- Use the "Follow" option so you will be alerted when your publications have been cited

If you have any questions or need help using Google Scholar Citations please contact:
Alexandra Davis – adavis@toh.ca



Halloween

fun at the
Ottawa Blood Disease
Centre

The Ottawa Blood Disease Centre had a friendly competition for Halloween to see who could spook out their office the best.



Ms. Jennifer Brinkhurst

Research Coordinator,
Emergency Medicine

“I’m an open
book really,
not much is off
topic for me.”

~Jennifer Brinkhurst

O-town
gal



Jennifer Brinkhurst

EPIgram: What was your first job?

JB: McDonald's. I started the summer before grade 9 when I was 14 and worked there throughout all of high school.

EPIgram: What drives you to do research?

JB: I think I just really like to solve problems and help people. As a Research Coordinator, it is my job to make sure the studies I work on run smoothly while ensuring the data is collected with integrity.

EPIgram: If you hadn't become someone who works in research, what would you be doing?

JB: I think I would be a musician...or a music teacher! Music is a large part of my life. I grew up in a very musical family where almost everyone plays an instrument or sings. Family gatherings have always included sitting around with guitars, fiddles, and even an accordion.

EPIgram: What do you like to do in your spare time?

JB: I'm usually practicing my Tenor Saxophone – being part of two community bands means that I have a lot of music to learn and many concerts to play. When I'm not rehearsing, I can usually be found curled up with a book. I get really involved in the stories and sometimes find that a whole day has passed.

EPIgram: What one word would you use to describe yourself?

JB: Grounded. I think I have always had a good head on my shoulders – I'm logical but I have a big heart which I feel keeps my rational and irrational sides balanced.

EPIgram: What's the one thing about you few people know?

JB: That's a good question....I'm an open book really, not much is off topic for me.

EPIgram: What inspires you to do good?

JB: When I look at the people around me and see the little things that people do for others that are truly appreciated, I know that I want to make someone that happy too. I think there is a lot of craziness in this world but also a lot of good. I encourage my kids to always be kind and to treat people how they want to be treated.

EPIgram: Where did you grow up and what was it like?

JB: I'm a local girl. Growing up in Ottawa makes me feel truly lucky. This city is beautiful and full of culture – the many festivals throughout the year are a testament to Ottawa's diversity. When I see the reactions from people visiting or new to Ottawa and how impressed they are with the events and scenery and markets and parks, I can only feel lucky to have always called Ottawa home.

EPIgram: What are some goals you are still trying to accomplish?

JB: Travel. Marrying and having children young did not leave a lot of room or money for travel but there are so many places that I want to see and experience. Now that my children are getting older we definitely look forward to sharing these journeys with them. I think that now when we go, the kids will be able to appreciate the cultures and food and heritage that comes with visiting places not home. The question is: where to visit first?

EPIgram: What are you really bad at that you'd love to be great at?

JB: Singing! Hahaha. Seriously, I can read and play music but for some reason, I can never find the right note with my voice. So, I keep to singing in my car but not in public!



Jennifer with her daughter Ava



Jennifer with her daughter Isabelle



EPIgram: Do you have any phobias?

JB: Just thinking about this question is making my skin crawl! I seriously have a phobia of cockroaches. Seeing and hearing them (in real life or on tv), hearing people talk about them...reading about them in a book. It all makes me very jittery and queasy. There are many insects that I could seriously live without having ever seen but I have not encountered anything else that paralyzes me to the same extent.

EPIgram: What actor would play you in a movie about your life?

JB: I think Julia Roberts – not just because she is beautiful but because she seems so down to earth. I love that she keeps her personal life out of the media circus. Every interview with Julia Roberts that I have seen or read has always given me the feeling that she is just “real.” I think I am a simple to please, easy-going person and that’s what I think about her, so I feel like it would be a good fit!

EPIgram: If you could possess one super-human power, what would it be? Why?

JB: To be able to heal with my touch. It hurts me to see people suffering, it’s sometimes a very overwhelming feeling, and I think if only I can touch them to make their sickness or injuries better or take the pain away then that would be amazing. I think in a way, we all possess this ability...maybe not to the extent of completely healing the terminally ill or tragically injured but enough to share compassion and provide strength and empathy. Touch is powerful.

EPIgram: What is your definition of “happiness”?

JB: Being with my family. Whether we are just hanging around the house, watching a movie, going for a walk, or, my favorite, camping; I love spending time with my family. Watching as my children grow and sharing in their discoveries of the amazing world around them makes me very happy and very proud.

EPgram: What do you consider to be the most significant world/political event that has occurred during your life?

JB: I think the fall of the Berlin Wall. I was only 12 when this started to happen but it was an end of an era. I remember the elation that was shown in the media and that I witnessed from the adults around me. I remember a childhood friend who went to Germany after this and came home with a piece of the wall and realizing how real this change was. ✨

Jennifer's favorites

Foods: Chips and chocolate.
I love sweet and salty together!

T.V. show: Grey’s Anatomy...lol. It’s not that it’s a medical show but more the characters that I think are really great and spunky.

Music individual or band: there isn’t just one. I really have an appreciation for all genres from baroque and classical to jazz and big band to pop, rock and country. I’m constantly channel surfing and changing up my Songza playlists.

Jennifer and her husband, Ryan – after he finished the 10k at Ottawa Race Weekend, 2015





OMG! OMC is making babies

So the OMC team has been busy analyzing data, running statistics, and producing babies??

Elham Sabri welcomed her 2nd girl in December and **Daniel Corsi** added twins to his already family of three in October.

Catherine Bordeleau, on the Data Management Team, is expecting her 2nd child in the coming months.

CENTRE
METHODES
OTTAWA
METHODS
CENTRE
OTTAWA



NEW

OMC SPOR Program Facilitator **Zarah Monfaredi**

Zarah completed her Master of Science (MSc) at the University of Edinburgh in Global Health and Public Policy. In her capacity as OMC SPOR Facilitator, she works to promote patient-oriented research methods and supports more effective, cost-efficient ways of delivering health care.

SPOR-OMC@toh.ca

Funded

July to December 2015

Project & CEP Investigator(s)	Funder(s)	Length (years)
<i>A Research Program to Improve Patient Outcomes in Kidney Transplantation</i> Greg Knoll (PI) Dawn Stacey Dean Fergusson Monica Taljaard Alan Forster Anne Tsampalieros Shawn Marshall Carl van Walraven Tim Ramsay	CIHR Foundation Scheme	7 yrs
<i>Promoting implementation of evidence-based care</i> Jeremy Grimshaw (PI) Claire Liddy Kathryn Suh Shawn Aaron France Légaré Monica Taljaard Sylvain Boet David Moher Kednapa Thavorn Jamie Brehaut Justin Presseau Peter Tugwell Dean Fergusson Janet Squires Christian Vaillancourt Ian Graham Dawn Stacey Justine Baron Noah Ivers Ian Stiell Kristen Danko Greg Knoll Sharon Straus Larissa Shamseer	CIHR Foundation Scheme	7 yrs
<i>Improving Care for Emergency Department and Pre-Hospital Patients with Acute and Life-Threatening Conditions</i> Ian Stiell (PI) Jeff Perry Shawn Aaron Monica Taljaard Jamie Brehaut Venkatesh Thiruganasambandamoorthy Lisa Calder Christian Vaillancourt Alan Forster George Wells Jeremy Grimshaw Kumanan Wilson	CIHR Foundation Scheme	7 yrs
<i>Dementia in the population: Trajectories of disease, health care use, and places of care</i> Doug Manuel (PI) Peter Tanuseputro	CIHR	4 yrs
<i>Population Health Impact Assessment Tools: Using Population Health Data to Improve Chronic Disease Prediction</i> Doug Manuel (PI) Monica Taljaard	CIHR	4 yrs
<i>Moving knowledge into action for more effective practice, programs and policy: A research program focusing on integrated knowledge translation</i> Ian Graham (PI) David Moher Gonzalo Alvarez Janet Squires Jamie Brehaut Dawn Stacey Jeremy Grimshaw Sharon Straus France Légaré George Wells	CIHR Foundation Scheme	7 yrs

Ian Stiell - ranked first in the country in the final phase of this competition.



Funded

Project & CEP Investigator(s)	Funder(s)	Length (years)
<i>Tranexamic acid during cystectomy trial (TACT)</i> Rodney Breau (PI) Salmaan Kanji Ilias Cagiannos (PI) Greg Knoll Franco Momoli (PI) Chris Morash Gregory Bryson Alexis Turgeon Dean Fergusson	CIHR	3 yrs
<i>Improving End-of-life Care in the Community</i> Doug Manuel (PI) Josee Pereira Paul Tanuseputro	CIHR: SPOR PIHCI Network: Quick Strikes	1 yr
<i>Crystalloid FLUID Choices for Resuscitation of Hospitalized Patients: A Pragmatic Cluster Cross Over Pilot Trial</i> Lauralyn McIntyre (PI) Steven Hawken Monica Taljaard (PI) Colin McCartney Dean Fergusson Raphael Saginur Alan Forster Andrew Seely Ian Graham Ian Stiell Kednapa Thavorn	CIHR	1 yr
<i>A Randomized, Controlled Comparison of Electrical versus Pharmacological Cardioversion for Emergency Department Patients with Recent-Onset Atrial Fibrillation</i> Jeff Perry (PI) Ian Stiell George Wells	CIHR	3 yrs
<i>Getting knowledge now: are rapid reviews the way to go?</i> David Moher (PI) Beverley Shea Vivian Welch	CIHR	2 yrs
<i>Spotlight on HIV/HCV Co-infection</i> Curtis Cooper (PI)	CIHR: Planning and Dissemination Grant	1 yr
<i>Development of a patient outcomes driven research priority through effective patient engagement within Canadian Venous Thromboembolism Clinical Trials and Outcomes Research (VECTOR) Network</i> Lisa Duffett (PI) Marc Rodger	CIHR: Planning and Dissemination Grant	1 yr
<i>Effect of folic acid supplementation in pregnancy on preeclampsia</i> Shi Wu Wen (PI) Mark Walker (PI) Doug Coyle Dean Fergusson Laura Gaudet Thierry Lacaze-Masmonteil George Wells	CIHR	1 yr

Funded

Project & CEP Investigator(s)	Funder(s)	Length (years)
<i>Highlighting and Translating HIV Research Excellence</i> Andrew Matejic (PI)	CIHR: Planning and Dissemination Grant	1 yr
<i>Aneurysmal SubArachnoid Hemorrhage - Red Blood Cell Transfusion And Outcome (SAHaRA): a Pilot Randomized Controlled Trial</i> Shane English (PI) Lauralyn McIntyre (PI) Michaël Chassé Dean Fergusson Cheemun Lum Giuseppe (Joe) Pagliarello Alan Tinmouth Alexis Turgeon	CIHR/Canadian Blood Services	3 yrs
<i>Platelet Transfusions in Hematopoietic Stem cell Transplantation - The PATH Study</i> Jason Tay (PI) Dawn Sheppard (PI) Alan Tinmouth (PI) David Allan Chris Bredeson Dean Fergusson Michell Sabloff Kednapa Thavorn	CIHR	2 yrs
<i>Examining the relationship between repeated blood donations in female donors on maternal/ neonatal outcomes: a cohort study</i> Alan Tinmouth (PI) Michaël Chassé Dean Fergusson Carl Van Walraven Mark Walker Kumanan Wilson	CIHR	2 yrs
<i>Implementation of a prostate cancer decision aid within routine clinical practice: Evaluation of patient outcomes and practice variation</i> Dawn Stacey (PI) France Legare Rodney Breau Monica Taljaard Laura Boland	Canadian Cancer Society Research Institute	1 yr
<i>Cancer symptom management in homecare: Evaluating implementation of evidence-informed practice guides</i> Dawn Stacey (PI)	Canadian Cancer Society Research Institute	2 yrs
<i>Increasing use of contralateral prophylactic mastectomy: A concern for over-aggressive treatment of breast cancer patients in Canada</i> Janet Squires (PI) Ian Graham Jeremy Grimshaw Dawn Stacey	Canadian Cancer Society Research Institute	2 yrs

Funded

Project & CEP Investigator(s)	Funder(s)	Length (years)
<i>Validation and Implementation of the Canadian Syncope Risk Scale for Risk-Stratification of Syncope Patients in the Emergency Department</i> Venkatesh Thiruganasambandamoorthy (PI) Jamie Brehaut Dawn Stacey Monica Taljaard Kednapa Thavorn	Canadian Arrhythmia Network	3 yrs
<i>Risk Stratification of Adult Emergency Department Syncope Patients to Predict Short-term Serious Adverse Events after Discharge (RiSEDS Study) Phase II</i> Venkatesh Thiruganasambandamoorthy (PI) Ian Stiell George Wells Lisa Calder Monica Taljaard Ian Graham	Heart and Stroke Foundation of Canada	3 yrs
<i>A Pragmatic Strategy Empowering Paramedics to Assess Low-Risk Trauma Patients with the Canadian C-Spine Rule and Selectively Transport them Without Immobilization</i> Christian Vaillancourt (PI) Ian Stiell (Co-PI) Dean Fergusson Monica Taljaard Kednapa Thavorn Jamie Brehaut Ian Graham Lisa Calder Tim Ramsay Peter Tugwell Lucy Turner Manya Charette	Ontario SPOR Support Unit (OSSU) IMPACT Award – Gov. of Ontario and CIHR	3 yrs
<i>CanVECTOR (Canadian Venous Thromboembolism Clinical Trials and Outcomes Research) Network</i> Marc Rodger (PI) Marc Carrier Lana Castellucci Lisa Duffet Dean Fergusson Esteban Gandara Carol Gonsalves Grégoire Le Gal Tim Ramsay Kednapa Thavorn Philip Wells	CIHR	5 yrs
<i>The PRICE Trial: Phlebotomy resulting in controlled hypovolemia to prevent blood loss in major hepatic resections</i> Guillaume Martel (PI) Dean Fergusson	Canadian Surgery Research Fund	1 yr
<i>Impact of Respiratory Viruses in Canadian COPD Patients: A Multi-Centre Cohort Study</i> Sunita Mulpuru (PI) Gonzalo Alvarez Alan Forster Shawn Aaron	Ontario Thoracics Society/Canadian Lung Association	1 yr



Funded

Project & CEP Investigator(s)	Funder(s)	Length (years)
<i>Application of whole genome sequencing to uncover transmission dynamics and quantify transmission of smear negative TB disease in Iqaluit, Nunavut</i> Gonzalo Alvarez (PI) Marc Desjardins Shawn Aaron Sunita Mulpuru	Ontario Thoracics Society/Canadian Lung Association	1 yr
<i>Rapid review of adverse events of rifapentine for the treatment of latent TB infection</i> Gonzalo Alvarez (PI) David Moher Brian Hutton	CIHR - DSEN	1 yr
<i>Canadian Resuscitation Outcomes Consortium: Toward a National Resuscitation Clinical Research Network.</i> Ian Stiell (PI) Christian Vaillancourt	Heart and Stroke Foundation and CIHR	5 yrs
<i>2015 Evidence Review Synthesis Centre</i> David Moher (PI) Kumanan Wilson Beverly Shea Vivian Welch Greg Knoll Brian Hutton Kednapa Thavorn	Nova Scotia Health Research Foundation	2 yrs

Ingredients

12 oz (375 g) penne pasta
 2 tbsp (30 mL) butter
 4 cloves garlic, minced
 1 1/2 tsp (7 mL) dried thyme
 1/2 tsp (2 mL) salt
 1/4 tsp (1 mL) hot pepper flakes
 2 tbsp (30 mL) all-purpose flour
 2 1/2 cups (625 mL) Milk
 2 cups (500 mL) cherry tomatoes, cut in half
 1/2 cup (125 mL) grated Canadian Parmesan
 12 1-inch (2.5 cm) mini Canadian Bocconcini
 1/2 cup (125 mL) fresh basil leaves, thinly sliced
 Canadian Parmesan, for serving

MARGHERITA PENNE

Prep. Time: 10 mins Cooking Time: 13 mins Yields: 4 to 6 Servings

Preparation

In a large pot of boiling salted water, cook pasta for about 11 min or until al dente, or according to package directions.

Meanwhile, in a large pot, melt butter over medium heat. Add garlic, thyme, salt and hot pepper flakes. Cook 1 min. Sprinkle with flour; cook, whisking for 1 min. Gradually whisk in milk. Bring to a boil and reduce heat. Whisk for 3 to 5 min or until smooth and thickened. Stir in tomatoes and Parmesan.

Drain pasta and return to pot. Pour in sauce; toss, stirring 1 to 2 min over medium heat to coat pasta. Stir in Bocconcini, basil and salt to taste, if needed. Serve with grated Parmesan.

www.dairygoodness.ca

Workplace injury? Document it!

~by Tammy-Claire Troy, Research Safety Manager and Biosafety Officer



If you suffer a workplace incident, please ensure that an **Employee Incident Report Form** is submitted to TOH Occupational Health Services *within 48 hours* of the incident and that a copy is forwarded to the OHRI Research Safety Office at ohriresearchsafety@ohri.ca to ensure adequate follow-up.

Common everyday incidents:

- Slip and trips
- Bad work ergonomics
- Air quality issues
- Hazardous conditions (e.g. hanging computer wires, loose carpet)
- Sharps incidents (e.g. needle stick injuries)
- Near misses

What is a:

Workplace incident: It is a sudden work-related event, such as an accident or a near miss that results in, or could have resulted in, harm to people or damage to property.

Near miss: It is an unplanned event that did not result in harm, injury, illness or property damage but had the potential to do so. In other words, had the circumstances been slightly different, an injury or damage could have occurred.

Hazard or Hazardous condition: These are circumstance(s) or workplace conditions that can cause harm to a person (injury or illness), property damage or equipment losses.

You can find **Employee Incident Report Forms** at your First Aid station, or they can be obtained from TOH Occupational Health Services.

Clinical Research Week A Success!

The Ottawa Hospital celebrated “**Clinical Research Week**” October 19th to the 23rd and was host to numerous sessions and activities focused on clinical research.

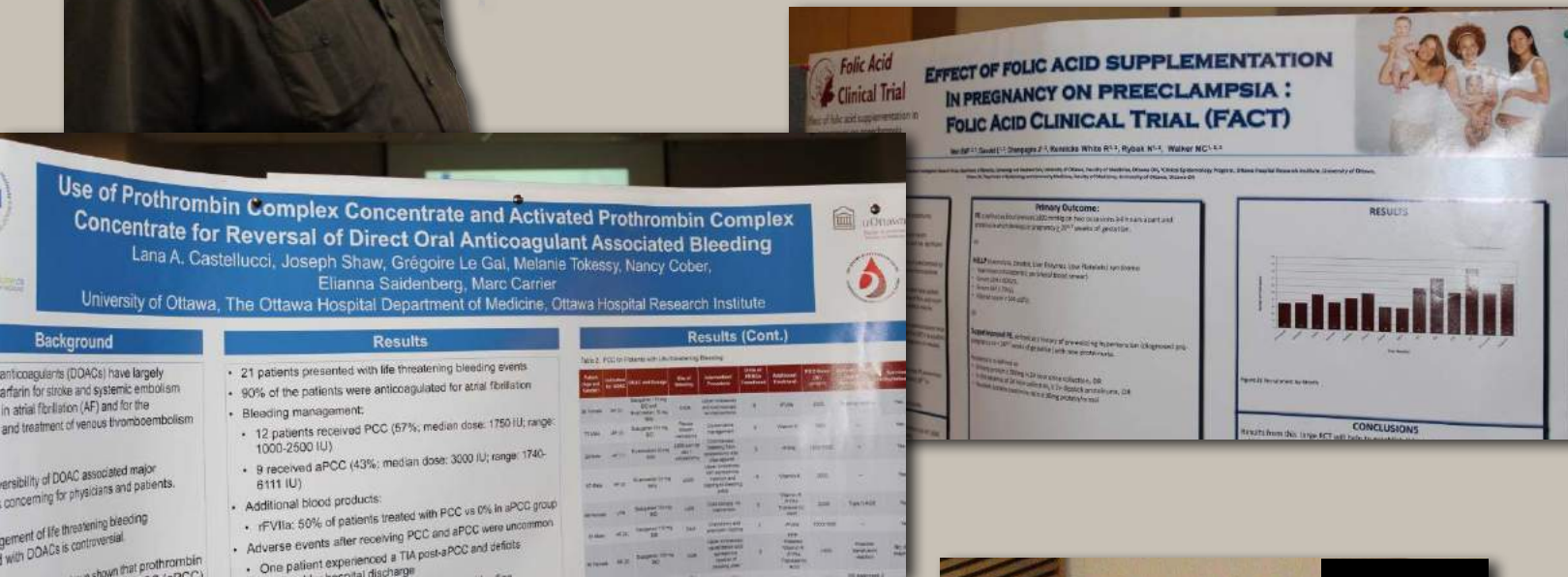
~ by Tammy Beaudoin, Clinical Research Monitor & Facilitator



Bill Cameron

Monday

The kickoff to the week was an open-house poster session where OHRI teams had the opportunity to showcase their work and provide others with a glimpse into the numerous research successes that are an everyday part of life at The Ottawa Hospital. Attendees were welcomed by **Dr. Bill Cameron**, the recently appointed Medical Director Clinical Research. Dr. Cameron highlighted the importance of clinical research and the difference it makes in enhancing the care we provide at The Ottawa Hospital.



**Susan
Zickmund**

On **Tuesday**, Medical Grand Rounds focused on patient engagement, with a special presentation by guest speaker **Dr. Susan Zickmund** from Pittsburgh Pennsylvania. The session was well attended and provided a great opportunity to discuss this important initiative with Dr. Zickmund. The remainder of the morning, targeted at OHRI Investigators, featured external and local speakers presenting a variety of topics related to patient engagement and efficiencies in research.

Another feature of this year's clinical research week was a Nursing Research day which provided a forum for TOH nurses to learn more about clinical research, including research methods, tips for working with the REB, good documentation practice, regulations and publishing strategies.

Wednesday

In keeping with Federal and Provincial strategies to increase patient engagement in clinical research, the clinical research administration team joined forces with **Dr. Dean Fergusson's** SPOR team and hosted a community session on Wednesday evening at the RA Centre. This session was open to the public and provided background about the SPOR initiative and ideas for implementing this strategy at TOH. Patients need to play a bigger role in the research activities that happen at The Ottawa Hospital. Through SPOR initiatives and changing research culture, we recognize that patients are our most valuable stakeholders and that engaging them in research activities from conception to endpoint can only enhance the research that we do. Patients are the frontline as we are all working to improve treatments, outcomes, and experiences for patients in our community and around the world. As we move into the future, our research activities should be based on the wants, needs and concerns of our community members. Their voices should and will become our inspiration. Those in attendance were treated to talks by OHRI investigators and TOH patients who have been involved in clinical research. Learning about how to make this happen and to engage patients in ways that allows for solid contribution to a clinical research trial was described by **Dr. Marc Carrier** and **Dr. Lauralyn McIntyre**, two OHRI investigators who took those first steps and are now able to speak to the value of the patients' input with whom they worked. **Dr. Ian Graham** provided an insightful talk that provided the perspective of the patient as the consumer of research. The session certainly solidified the fact that our patients are the reason we do what we do!



Above photo: ABLE (age of blood evaluation) patient, **Garth Griffiths**



From left to right:

Marc Carrier,
Garth Griffiths,
Ian Graham,
Dean Fergusson,
Lauralyn McIntyre

The 10th Annual Clinical Research Training Course (CRTC) took place on **Thursday** at the General Campus, a new venue for the course. The morning flew by as those in attendance heard about N2 and the initiative to streamline clinical trials and learned more about patient engagement activities and initiatives. Workshops filled the afternoon and provided interactive opportunities for all who participated. The focus of these workshops included patient engagement, science and the media, tips for publishing manuscripts and trial management themes. Over 100 people were in attendance to celebrate the 10 year milestone.



Clinical Research Week

Friday

The week wrapped up with an informative talk on privacy that was tailored to a clinical research audience followed by a great finale - The Ottawa Hospital's inaugural **"Clinical Research Inspire Awards Ceremony"**. These awards were developed in order to recognize the outstanding clinical research personnel that we work with every day who live the TOH values and who inspire others to live the values of TOH. A total of 16 nominations were submitted and a review team evaluated the nominations and scored them accordingly. Congratulations to **Ruth White**, OB/GYN research (Outstanding Clinical Research Manager), **Louise Lebel**, clinical epidemiology and Deborah Keller, cancer research (Outstanding Clinical Research Personnel).



Top photo: **Anne Lavigne**, TOH Privacy Officer
Left: **Louise Lebel**, Research Coordinator and **Ruth White**, Program Manager

A huge thank you to everyone who assisted in putting the week together and thank you to those who show their continued support for clinical research at The Ottawa Hospital by speaking at the sessions, promoting our events and attending the talks and workshops. It is this commitment and dedication that ensures TOH research is recognized world-wide. 🌟



A big CEP **THANK YOU** to the organizers of Clinical Research Week 2015. Their hard work and dedication made the week a great success.

Tammy Beaudoin
Nancy Camack
Lynn Gagne
Chantelle Garritty
Hope Senechal
Beverley Shea
Lucy Turner
Marc Venturi
Robert Wouda



The Guinea Pig Myth

~ by Tammy Beaudoin, Clinical Research Monitor & Facilitator

As professionals involved in clinical research, we know the ins and outs, the lingo, the acronyms and the numerous guidelines, regulations and standards to which we are required to adhere ...BUT....what about our patients?

Imagine you've just been told that you have a chronic, life altering disease or that your doctor is unsure as to the best treatment method for you or that your results have come back and you are now included in the hundreds of patients diagnosed with cancer. Your head may be spinning, the blood may have drained from your body and your heart may be pounding in your ears. Then it happens, you are asked if you would consider being in a research study or trial. Enter confusion, apprehension and fear. As we have heard numerous times in the past – "I don't want to be a guinea pig". What do you tell your patients? What information can you provide to them? There's help out there!

OHRI is a member of the Network of Networks (N2), a group of research professionals from across the country who work together to simplify clinical research and ensure standardization across the board. This group has been responsible for developing the CITI online training courses that we are lucky to have available to us (GCP, Division 5, TDG, and others) and most recently their Clinical Trial and Education Awareness Committee has launched a website that is aimed at simplifying clinical research for our friends, patients and families across Canada.

"It Starts With Me" was developed by the N2 committee with input from patients and caregivers about what they would like to see in relation to demystifying clinical research for the lay person. The committee was supported by a CIHR SPOR Patient Engagement Collaboration Grant and we are thrilled to announce that the site is up and running and was officially launched on October 26th!

We encourage you to check out the site www.itstartswithme.ca and to refer your patients, families and friends to the site when they are asking for more information about clinical research. Check it out! ✨



CEP Appointment Update

**Congratulations on these appointments and promotions
(July to December) in the Clinical Epidemiology Program**

Scientist

Simon Hatcher (MD, Department of Mental Health, Division of Psychiatry)

Associate Scientist

Sylvain Boet (MD, Department of Anesthesiology)

Gregory Bryson (MD, Department of Anesthesiology)

Juthaporn Cowan (MD, Department of Medicine, Division of Infectious Diseases)

Mary-Anne Doyle (MD, Department of Mental Health, Division of Psychiatry)

Natasha Kekre (MD, Department of Medicine, Division of Hematology)

Luke Lavallée (MD, Department of Surgery, Division of Urology)

Daniel McIsaac (MD, Department of Anesthesiology)

Tiago Mestre (MD, Department of Medicine, Division of Neurology)

Patricia Poulin (MD, Department of Mental Health, Division of Psychology)

Michel Shamy (MD, Department of Medicine, Division of Neurology)

Clinician Investigator

Muhammad Bayat (MD, Dept. of Medical Imaging)

Ms. Janice Bissonnette (Manager, Nephrology Clinics, Renal Transplant Program)

Loree Boyle (MD, Dept. of Medicine, Division of General Medicine)

Shirley Bush (MD, Dept. of Medicine, Division of Palliative Care)

Warren Cheung (MD, Dept. of Emergency)

Edward Clark (MD, Dept. of Medicine, Division of Nephrology)

Darine El-Chaar (MD, Dept. of Obstetrics/Gynecology/Newborn Care, Division of Maternal-Fetal Medicine)

Ruth Ellen (MD, Dept. of Medicine, Division of Geriatrics)

Simone Fahim (MD, Dept. of Medicine, Division of Dermatology)

Jason Frank (MD, Dept. of Emergency)

Jordan Hudson (MD, Dept. of Anesthesiology)

Jelena Ivanovic (Manager, Quality & Patient Safety, Dept. of Surgery)

Paul James (MD, Dept. Of Medicine, Division of Gastroenterology)

Rakesh Jetly (MD, Dept. of Medicine, Division of Physical Medicine and Rehabilitation)

Stephanie Johnson-Obaseki (MD, Dept. of Otolaryngology, Division Of Head & Neck Surgery)

Lara Khoury (MD, Department of Medicine, Division of Geriatrics)

Daniel Kobewka (MD, Dept. of Medicine, Division of General Medicine)

Kwadwo Kyeremanteng (MD, Dept. of Medicine, Division of Palliative Care)

Erika MacDonald (Pharmacy)

Ms. Colleen MacPhee (Advanced Practice Nurse, Dept. of Psychiatry)

Sherissa Microys (MD, Dept. of Critical Care)

Laura Muldoon (MD, Dept. of Family Practice)

Aleisha Murnaghan (MD, Dept. of Emergency)

Amy Neville (MD, Dept. of Surgery, Division of General Surgery)

Suzanne Obiroah (Chief of Dietetics)

Henrique Parsons (MD, Dept. of Medicine, Division of Palliative Care)

Chris Pysyk (MD, Dept. of Anesthesiology)

Isabelle Raiche (MD, Dept. of Surgery, Division of General Surgery)

Gloria Rockwell (MD, Dept. of Surgery, Division of Plastic Surgery)

Aimee Sarti (MD, Dept. of Critical Care)

Carolina Souza (MD, Dept. of Medical Imaging) (re-appointed)

CEP Appointment Update

Clinician Investigator con't

Ed Spilg (MD, Dept. of Medicine, Division of Geriatrics)

Lara Williams (MD, Dept. of Surgery)

Jing Zhang (MD, Dept. of Surgery, Division of Plastic Surgery)

Senior Clinician Investigator

Fahad AlKherayf (MD, Department of Surgery, Division of Neurosurgery)

Antonio Cabral (MD, Division Head, Department of Medicine, Division of Rheumatology)

Frank Rybicki, Chief, Dept. of Medical Imaging

Affiliate Investigators

Dr. Chantal Backman (PhD nursing, MHA, University of Ottawa)

Dr. Ferran Català-López (Pharm.D., PhD, MPH, MSc University of Valencia, Spain)

Dr. Michaël Chassé (MD, PhD, FRCPC, Université Laval)

Dr. Jason Tay, formerly an Associate Scientist in CEP

Dr. Alexis Turgeon (MD, PhD, FRCPC, Université Laval)

Dr. Beverly Shea (PhD, Bruyère Research Institute (BRI))

Promotions

Brian Hutton promoted to Scientist

Lauralyn McIntyre promoted to Senior Scientist

Timothy Ramsay promoted to Senior Scientist

Andrew Seely promoted to Scientist

Janet Squires promoted to Scientist

Venkatesh Thiruganasambandamoorthy promoted to Scientist



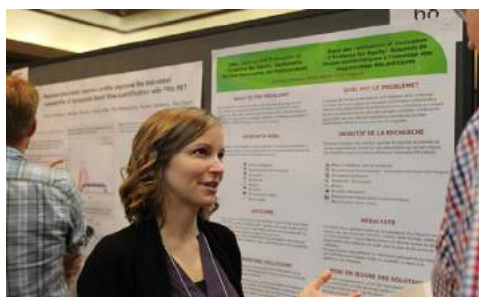
Save the Date!

April 27, 2016	April 27	May 20, 2016
OHRI Scientific Retreat (for Scientists /Investigators)	Administrative Professionals Day	International Clinical Trials' Day (page 38)
June 13-17	August 5 (tentative)	September 11
TOH Staff Appreciation Week	OHRI Picnic	The Ride
week of October 17	November 10	December 5-9
Clinical Research Training Course Week	OHRI Research Day	TOH Staff Holiday Receptions

2015 OHRI Research Day

On November 18th, Clinical Epidemiology Program gathered with the rest of The Ottawa Hospital Research Institute to celebrate research at the 15th annual Research Day.

Here are some CEP highlights from the day...



Jennifer Petkovic



Dean Fergusson
and Tim Ramsay



Dean Fergusson with
key note speaker
Harvey Max Chochinov



Anne Tsampalieros



Nadera Ahmadzai
and Laura Gaudet



Fatemeh Yazdi
and Misty Pratt



Roger Stanev

Dr. Goodman Cohen Summer Student Award:

- Senior Award: **Olivia Cook** (Supervisor: Dr. Venkatesh Thiruganasambandamoorthy group) "Reasons for Referrals and Hospital Admissions among Emergency Department Syncope Patients"
- Junior Award: **Lubina Nayak** (Supervisor: Dr. Rodney Breau) "Continence and Complications in Patients with Neobladder Diversions"



2015 OHRI Research Day



Marc Avey presenting: An analysis of Reporting According to the ARRIVE (Animal Research: Reporting of In Vivo Experiments) Guidelines for Pre-Clinical Studies of Mesenchymal Stromal Cells for the Treatment of Acute Lung Injury



Nikita Rayne
and Smita Pakhale



Roger Stanev
and Marc Avey



Jennifer Petkovic and
Manosilah Yoganathan



Keith Wilson
and Dean Fergusson

Amy Hsu (Supervisor: Douglas Manuel) presented:
Health care transitions among people with
dementia at the end of life



November 10

2016 OHRI
Research Day

2015 CEP Rounds on Rewind

A big **Thank you** to all of the presenters in 2015*.

Missed a presentation? Just click on the title of a presentation below or go to <http://webcast.otn.ca/> and search using the OTN event id to view an archived presentation.

Presenter	Title (OTN event id)
Curtis Cooper	Hepatitis C, Diabetes and Liver Fibrosis (39656714)
Shi Wu Wen	Health effects of cesarean delivery (39657359)
Peter Tugwell	When should systematic reviews be replicated and when should they not? (39657352)
Sanjay Murthy	Using Ontario Health Administrative Data to Study Inflammatory Bowel Disease (39657403)
Alan Forster	Reaching top 10 in healthcare quality - is TOH getting closer? (39657435)
Andrew Seely	A vision for surgical quality improvement within the Ottawa Hospital Department of Surgery (39657447)
Daniel McIsaac	Optimizing the perioperative care of the frail elderly (39657476)
Carl van Walraven	How I learned to stop worrying and love competing risks (39657484)
Sunita Mulpuru	Respiratory Infection Control in Acute Care Hospitals (39657514)
Andrea Benedetti	Individual patient data meta analyses: are they worth the trouble? (39657546)
Dean Fergusson	Is fresh blood better? The ABLE trial in ICU patients (45124880)
Rodney Breau	Unlinking Prostate Cancer Diagnosis and Treatment (39657590)
Shane English	Red Blood Cell Transfusion in aneurysmal Subarachnoid Hemorrhage: Does a Restrictive Strategy Apply? (39657609) Note: presentation begins at time marked 33:23
David Moher	You are invited to submit to a potential predatory journal (39657617)
Geert-Jan Geersing	Individualized prediction in pulmonary embolism; novel concepts and future ideas (39657625)
Roger Stanev	Data and Safety Monitoring Committee Decision-Making (39578491)
Kelly Cobey	Solutions to waste in biomedical publishing: Introducing the Publications Officer (39578499)
Lisa Calder	Lessons Learned from Testing an Innovative Method to Improve Situational Awareness during Resuscitation (39578507)
Dayre McNally	Vitamin D deficiency: Does it matter for the critically ill? (39578535)
Monica Taljaard	A real-world stepped wedge case study: Trial, error, and some statistical jiggery pokery? (39578543)
Jeremy Grimshaw	Increasing value and reducing waste in implementation research (39578551)
Amber Molnar	Predicting Graft Loss Following Acute Kidney Injury in Patients with a Kidney Transplant (39578559)
Jamie Brehaut	Using Feedback to Improve Practice: Many ways to do it right, even more ways to do it wrong (39578567)
Grégoire Le Gal	Controversies in the Diagnosis of Venous Thromboembolism (39578575)
Daniel Korevaar	Including Unpublished Data in a Systematic Review of Diagnostic Accuracy Studies (39578583)
David Allan	Heterogeneity in studies of mesenchymal stromal cells to treat or prevent graft versus host disease after hematopoietic cell transplantation: a scoping review of the evidence (39578621)

*only archived presentations are listed.

2016 CEP Rounds presenters

Presenter	Date or presentation (OTN event id)
Kathy Momtahan & Jordan Hudson	Multi-disciplinary handover: An observational study of common and unique content in general internal medicine, surgery and the ED (49022613)
Jeff Kiernan	Evolving Histocompatibility Considerations in Cell Therapy (49023376)
Mark Walker	Better Outcomes Registry and Network (BORN): Entering the Domain of Virtual Medicine Theory and Practice (49023654)
John Frank	Seven key societal investments for health equity: Scotland, The UK, and Canada compared (49023815)
Colin McCartney	Defining the outcomes that matter for perioperative pain medicine (49023879)



2016 CEP Rounds presenters

Paul Beaulé	A mutli-disciplinary approach to the Understanding and Prevention of Osteoarthritis of the Hip (49023971)
Justin Presseau	March 4
David Schramm	March 11 (49025958)
Guillaume Martel	April 1 (49026092)
Dawn Stacey	April 8 (49026126)
Steven Hawken	April 15 (49026166)
Sylvain Boet	April 22 (49026174)
Patricia Poulin	April 29 (49026241)
Mary-Anne Doyle	May 6 (49026280)
Kumanan Wilson	May 13 (49026349)
Karla Hemming (visiting)	May 20 (49026391) International Clinical Trials Day
Julie Beaulac	May 27 (49026453)
Marc Carrier	June 3 (49039151)
Lana Castellucci	June 10 (49039179)
Vicente Corrales Medina	June 17 (49039211)
Esteban Gandara	June 24 (49039239)
Laura Gaudet	September 9 (49039269)
Ian Graham	September 16 (49039297)
Brian Hutton	September 23 (49039327)
Salmaan Kanji	September 30 (49039371)
Doug Manuel	October 7 (49039395)
Smita Pakhale	October 14 (49039423)
Doug Coyle	October 21 (49039357)
Janet Squires	October 28 (49039528)
Manish Sood	November 4 (49039573)
Kednapa Thavorn	November 25 (49039629)
Lisa Duffet	December 2 (49039661)
Bill Cameron	December 9 (49039693)
Sean Bennett	December 16 (49039727)



International Clinical Trials Day!

It's celebrated around the world on or near May 20 each year in order to celebrate the day that James Lind started what is often considered the first randomized clinical trial into the causes of scurvy aboard a ship on May 20, 1747.

CEP Publications*

July

1. Reply: Triple Antithrombotic Therapy Following Anterior ST-Segment Elevation Myocardial Infarction. Le May M, Bernick J, Wells GA. JACC Cardiovasc Interv. 2015 Jul;8(8):1136-7.
2. Triptans in the Acute Treatment of Migraine: A Systematic Review and Network Meta-Analysis. Cameron C, Kelly S, Hsieh SC, Murphy M, Chen L, Kotb A, Peterson J, Coyle D, Skidmore B, Gomes T, Clifford T, Wells G. Headache. 2015 Jul-Aug;55 Suppl 4:221-35.
3. Advancing the field of health systems research synthesis. Langlois EV, Ranson MK, Bärnighausen T, Bosch-Capblanch X, Daniels K, El-Jardali F, Ghaffar A, Grimshaw J, Haines A, Lavis JN, Lewin S, Meng Q, Oliver S, Pantoja T, Straus S, Shemilt I, Tovey D, Tugwell P, Waddington H, Wilson M, Yuan B, Røttingen JA. Syst Rev. 2015 Jul 10;4:90.
4. Computed Tomographic Pulmonary Angiography for Pulmonary Embolism. Le Gal G, Righini M, Wells PS. JAMA. 2015 Jul 7;314(1):74-5.
5. Is Chronic Pain a Disease in Its Own Right? Discussions from a Pre-OMERACT 2014 Workshop on Chronic Pain. Taylor AM, Phillips K, Taylor JO, Singh JA, Conaghan PG, Choy EH, Tugwell PS, Kaiser U, Strand V, Simon LS, Mease PJ. J Rheumatol. 2015 Jul 1 [Epub ahead of print]
6. CAEP 2014 Academic symposium: "How to make research succeed in your department: How to fund your research program". Vaillancourt C, Rowe BH, Artz JD, Green R, Émond M, Thiruganasambandamoorthy V, Innes G, Perry JJ, Calder LA, Stiell IG. CJEM. 2015 Jul;17(4):453-61.
7. Determination of the optimal case definition for the diagnosis of end-stage renal disease from administrative claims data in Manitoba, Canada. Komenda P, Yu N, Leung S, Bernstein K, Blanchard J, Sood M, Rigatto C, Tangri N. CMAJ Open. 2015 Jul 17;3(3):E264-9.
8. National survey of emergency physicians for transient ischemic attack (TIA) risk stratification consensus and appropriate treatment for a given level of risk. Perry JJ, Losier JH, Stiell IG, Sharma M, Abdulaziz K. CJEM. 2015 Jul 31:1-9.
9. Sonography of the Optic Nerve Sheath Diameter for Detection of Raised Intracranial Pressure Compared to Computed Tomography: A Systematic Review and Meta-analysis. Ohle R, McIsaac SM, Woo MY, Perry JJ. J Ultrasound Med. 2015 Jul;34(7):1285-94.
10. Mitral Valve Clip for Treatment of Mitral Regurgitation: An Evidence-Based Analysis. Ansari MT, Ahmadzai N, Coyle K, Coyle D, Moher D. Ont Health Technol Assess Ser. 2015 May 1;15(12):1-104.
11. Deceased Organ Donation Registration and Familial Consent among Chinese and South Asians in Ontario, Canada. Li AH, McArthur E, Maclean J, Isenor C, Prakash V, Kim SJ, Knoll G, Shah B, Garg AX. PLoS One. 2015 Jul 31;10(7):e0124321.
12. Intraprocedural bowel cleansing with the JetPrep cleansing system improves adenoma detection. Hoffman A, Murthy S, Pompetzki L, Rey JW, Goetz M, Tresch A, Galle PR, Kiesslich R. World J Gastroenterol. 2015 Jul 14;21(26):8184-94.
13. A Scoping Review of Empirical Research Relating to Quality and Effectiveness of Research Ethics Review. Nicholls SG, Hayes TP, Brehaut JC, McDonald M, Weijer C, Saginur R, Fergusson D. PLoS One. 2015 Jul 30;10(7):e0133639.
14. Compliance with Australian stroke guideline recommendations for outdoor mobility and transport training by post-inpatient rehabilitation services: An observational cohort study. McCluskey A, Ada L, Kelly PJ, Middleton S, Goodall S, Grimshaw JM, Logan P, Longworth M, Karageorge A. BMC Health Serv Res. 2015 Jul 29;15:296.
15. Prospective cohort study protocol to describe the transfer of patients from intensive care units to hospital wards. Buchner DL, Bagshaw SM, Dodek P, Forster AJ, Fowler RA, Lamontagne F, Turgeon AF, Potestio M, Stelfox HT. BMJ Open. 2015 Jul 8;5(7):e007913.
16. Evaluation of the fidelity of an interactive face-to-face educational intervention to improve general practitioner management of back pain. French SD, Green SE, Francis JJ, Buchbinder R, O'Connor DA, Grimshaw JM, Michie S. BMJ Open. 2015 Jul 8;5(7):e007886.
17. Life expectancy of HIV-positive individuals on combination antiretroviral therapy in Canada. Patterson S, Cescon A, Samji H, Chan K, Zhang W, Raboud J, Burchell AN, Cooper C, Klein MB, Rourke SB, Loutfy MR, Machouf N, Montaner JS, Tsoukas C, Hogg RS; CANOC collaboration. BMC Infect Dis. 2015 Jul 17;15:274.
18. Reimbursement-Based Economics--What Is It and How Can We Use It to Inform Drug Policy Reform? Coyle D, Lee KM, Mamdani M, Sabarre KA, Tingley K. Headache. 2015 Jul-Aug;55 Suppl 4:236-47.
19. Outcome Feedback within Emergency Medicine Training Programs: An Opportunity to Apply the Theory of Deliberate Practice? Dalseg TR, Calder LA, Lee C, Walker J, Frank JR. CJEM. 2015 Jul;17(4):367-73.
20. Mindfulness-Based Stress Reduction: pilot study of a treatment group for patients with chronic pain in a primary care setting. Beaulac J, Bailly M. Prim Health Care Res Dev. 2015 Jul;16(4):424-8.

CEP published over

465

peer-reviewed papers in
2015!

August

21. Human endothelial colony-forming cells protect against acute kidney injury: role of exosomes. Burger D, Viñas JL, Akbari S, Dehak H, Knoll W, Gutsol A, Carter A, Touyz RM, Allan DS, Burns KD. Am J Pathol. 2015 Aug;185(8):2309-23.



22. Standardised outcomes in nephrology - Haemodialysis (SONG-HD): study protocol for establishing a core outcome set in haemodialysis. Tong A, Manns B, Hemmelgarn B, Wheeler DC, **Tugwell P**, Winkelmayer WC, van Biesen W, Crowe S, Kerr PG, Polkinghorne KR, Howard K, Pollock C, Hawley CM, Johnson DW, McDonald SP, Gallagher MP, Urquhart-Secord R, Craig JC; SONG-HD Collaboration. *Trials*. 2015 Aug 19;16:364.
23. The Spirit of OMERACT: Q Methodology Analysis of Conference Characteristics Valued by Delegates. Flurey CA, Kirwan JR, Hadridge P, Richards P, Grosskleg S, **Tugwell PS**. *J Rheumatol*. 2015 Aug 15. [Epub ahead of print]
24. Harmonizing Pain Outcome Measures: Results of the Pre-OMERACT Meeting on Partnerships for Consensus on Patient-important Pain Outcome Domains Between the Cochrane Musculoskeletal Group and OMERACT. Phillips K, Taylor A, Mease PJ, Simon LS, Conaghan PG, Choy EH, Singh JA, Strand V, Gossec L, Kaiser U, de Wit M, Ostelo R, Maxwell L, **Tugwell PS**. *J Rheumatol*. 2015 Aug 1. [Epub ahead of print]
25. Identifying Obstructive Sleep Apnea in Administrative Data: A Study of Diagnostic Accuracy. **McIsaac DI**, Gershon A, Wijeyesundera D, **Bryson GL**, Badner N, **van Walraven C**. *Anesthesiology*. 2015 Aug;123(2):253-63.
26. Job Satisfaction among Care Aides in Residential Long-Term Care: A Systematic Review of Contributing Factors, Both Individual and Organizational. **Squires JE**, Hoben M, **Linklater S**, Carleton HL, Graham N, Estabrooks CA. *Nurs Res Pract*. 2015;2015:157924.
27. Protocol for updating a systematic review of randomised controlled trials on the prophylactic use of intravenous immunoglobulin for patients undergoing haematopoietic stem cell transplantation. **Cowan J**, **Cameron DW**, **Knoll G**, **Tay J**. *BMJ Open*. 2015 Aug 21;5(8):e008316.
28. Health system context and implementation of evidence-based practices-development and validation of the Context Assessment for Community Health (COACH) tool for low- and middle-income settings. Bergström A, Skeen S, Duc DM, Blandon EZ, Estabrooks C, Gustavsson P, Hoa DT, Källestål C, Målqvist M, Nga NT, Persson LÅ, Pervin J, Peterson S, Rahman A, Selling K, **Squires JE**, Tomlinson M, Waiswa P, Wallin L. *Implement Sci*. 2015 Aug 15;10:120.
29. Syncope clinical management in the emergency department: a consensus from the first international workshop on syncope risk stratification in the emergency department. Costantino G, Sun BC, Barbic F, Bossi I, Casazza G, Dipaola F, McDermott D, Quinn J, Reed MJ, Sheldon RS, Solbiati M, **Thiruganasambandamoorthy V**, Beach D, Bodemer N, Brignole M, Casagrande I, Del Rosso A, Duca P, Falavigna G, Grossman SA, Ippoliti R, Krahn AD, Montano N, Morillo CA, Olshansky B, Raj SR, Ruwald MH, Sarasin FP, Shen WK, **Stiell I**, Ungar A, Gert van Dijk J, van Dijk N, Wieling W, Furlan R. *Eur Heart J*. 2015 Aug 4. [Epub ahead of print]
30. Canadian Stroke Best Practice Recommendations: Hyperacute Stroke Care Guidelines, Update 2015. Casaubon LK, Boulanger JM, Blacquiére D, Boucher S, Brown K, Goddard T, Gordon J, Horton M, Lalonde J, LaRivière C, Lavoie P, Leslie P, McNeill J, Menon BK, Moses B, Penn M, **Perry J**, Snieder E, Tymianski D, Foley N, Smith EE, Gubitz G, Hill MD, Glasser E, Lindsay P; Heart and Stroke Foundation of Canada Canadian Stroke Best Practices Advisory Committee. *Int J Stroke*. 2015 Aug;10(6):924-40.
31. Retail Tobacco Sale in the Community. Should Pharmacies Sell Tobacco Products? **Pakhalé S**, Folan P, Neptune E, Sachs D. *Ann Am Thorac Soc*. 2015 Aug;12(8):1116-7.
32. Comparison of physical interventions, behavioral interventions, natural health products, and pharmacologics to manage hot flashes in patients with breast or prostate cancer: protocol for a systematic review incorporating network meta-analyses. **Hutton B**, **Yazdi F**, Bordeleau L, Morgan S, Cameron C, **Kanji S**, **Fergusson D**, Tricco A, **Straus S**, Skidmore B, **Hersi M**, **Pratt M**, Mazzarello S, Brouwers M, **Moher D**, Clemons M. *Syst Rev*. 2015 Aug 27;4:114.
33. CONSORT extension for reporting N-of-1 trials (CENT) 2015 Statement. Vohra S, **Shamseer L**, Sampson M, Bukutu C, Schmid CH, Tate R, Nikles J, Zucker DR, Kravitz R, Guyatt G, Altman DG, **Moher D**; CENT Group. *J Clin Epidemiol*. 2015 Aug 10. [Epub ahead of print]
34. CONSORT extension for reporting N-of-1 trials (CENT) 2015: explanation and elaboration. **Shamseer L**, Sampson M, Bukutu C, Schmid CH, Nikles J, Tate R, Johnston BC, Zucker D, Shadish WR, Kravitz R, Guyatt G, Altman DG, **Moher D**, Vohra S; CENT group. *J Clin Epidemiol*. 2015 Aug 10 [Epub ahead of print]
35. You are invited to submit....**Moher D**, **Srivastava A**. *BMC Med*. 2015 Aug 4;13:180.
36. An Official American Thoracic Society Research Statement: Current Understanding and Future Research Needs in Tobacco Control and Treatment. Leone FT, Carlsen KH, Folan P, Latzka K, Munzer A, Neptune E, **Pakhale S**, Sachs DP, Samet J, Upson D, White A; ATS Tobacco Action Committee; American Thoracic Society. *Am J Respir Crit Care Med*. 2015 Aug 1;192(3):e22-41.

Dr. Ian Graham's 2006 paper titled "[Lost in knowledge translation: Time for a map?](#)"⁸ was ranked **7th** of 50 as the top-cited medical education articles published in medical education journals between 1979-2007.

The same paper was ranked **13th** out of 50 as the top-cited medical education article published across all journals listed in the Web of Knowledge.

The top-cited articles in medical education: a bibliometric analysis. Azer SA. *Acad Med*. 2015 Aug;90(8):1147-61.

37. Effectiveness and safety of short-stay units in the emergency department: a systematic review. Galipeau J, Pussegoda K, Stevens A, Brehaut JC, Curran J, Forster AJ, Tierney M, Kwok ES, Worthington JR, Campbell SG, Moher D. Acad Emerg Med. 2015 Aug;22(8):893-907.
38. Hospital Resource Utilization and Patient Outcomes Associated with Respiratory Viral Testing in Hospitalized Patients. Mulpuru S, Aaron SD, Ronksley PE, Lawrence N, Forster AJ. Emerg Infect Dis. 2015 Aug;21(8):1366-71
39. Pulmonary Scintigraphy for the Diagnosis of Acute Pulmonary Embolism: A Survey of Current Practices in Australia, Canada, and France. Le Roux PY, Pelletier-Galarneau M, De Laroche R, Hofman MS, Zuckier LS, Roach P, Vuillez JP, Hicks RJ, Le Gal G, Salaun PY. J Nucl Med. 2015 Aug;56(8):1212-7.
40. Ledipasvir and Sofosbuvir for HCV in Patients Coinfected with HIV-1. Naggie S, Cooper C, Saag M, Workowski K, Ruane P, Towner WJ, Marks K, Luetkemeyer A, Baden RP, Sax PE, Gane E, Santana-Bagur J, Stamm LM, Yang JC, German P, Dvory-Sobol H, Ni L, Pang PS, McHutchison JG, Stedman CA, Morales-Ramirez JO, Bräu N, Jayaweera D, Colson AE, Tebas P, Wong DK, Dieterich D, Sulkowski M; ION-4 Investigators. N Engl J Med. 2015 Aug 20;373(8):705-13.

September

41. Axons to Exons: the Molecular Diagnosis of Rare Neurological Diseases by Next-Generation Sequencing. Warman Chardon J, Beaulieu C, Hartley T, Boycott KM, Dymont DA. Curr Neurol Neurosci Rep. 2015 Sep;15(9):64.
42. Regenerative Therapy and Immune Modulation Using Umbilical Cord Blood-Derived Cells. Damien P, Allan DS. Biol Blood Marrow Transplant. 2015 Sep;21(9):1545-54.
43. Do evidence summaries increase policy-makers' use of evidence from systematic reviews: A systematic review protocol. Welch V, Tugwell P. Syst Rev. 2015 Sep 28;4:122.
44. What Guidance are Economists Given on How to Present Economic Evaluations for Policymakers? A Systematic Review. Sullivan SM, Wells G, Coyle D. Value Health. 2015 Sep;18(6):915-24
45. Efficacy of Radial Versus Femoral Access in the Acute Coronary Syndrome: Is it the Operator or the Operation That Matters? Le May MR, Singh K, Wells GA. JACC Cardiovasc Interv. 2015 Sep;8(11):1405-9.
46. Use of Preoperative Magnetic Resonance Imaging for Breast Cancer: A Canadian Population-Based Study. Arnaout A, Catley C, Booth CM, McInnes M, Graham I, Kumar V, Simos D, van Walraven C, Clemons M. JAMA Oncol. 2015 Sep 24:1-12.
47. Ottawa Panel evidence-based clinical practice guidelines for therapeutic exercise in the management of hip osteoarthritis. Brosseau L, Wells GA, Pugh AG, Smith CA, Rahman P, Álvarez Gallardo IC, Toupin-April K, Loew L, De Angelis G, Cavallo S, Taki J, Marcotte R, Fransen M, Hernandez-Molina G, Kenny GP, Regnaud JP, Lefevre-Colau MM, Brooks S, Laferriere L, McLean L, Longchamp G. Clin Rehabil. 2015 Sep 23. [Epub ahead of print]
48. Transfusion Patterns in All Patients Admitted to the Intensive Care Unit and in Those Who Die in Hospital: A Descriptive Analysis. Shehata N, Forster AJ, Lawrence N, Ducharme R, Fergusson DA, Chassé M, Rothwell DM, Hébert PC, Timmouth AT, Wilson K. PLoS One. 2015 Sep 17;10(9):e0138427.
49. A Call for Evidence-based Decision Making When Selecting Outcome Measurement Instruments for Summary of Findings Tables in Systematic Reviews: Results from an OMERACT Working Group. Beaton DE, Terwee CB, Singh JA, Hawker GA, Patrick DL, Burke LB, Toupin-April K, Tugwell PS. J Rheumatol. 2015 Sep 15. [Epub ahead of print]
50. Current State of Reporting Pain Outcomes in Cochrane Reviews of Chronic Musculoskeletal Pain Conditions and Considerations for an OMERACT Research Agenda. Maxwell LJ, Wells GA, Simon LS, Conaghan PG, Grosskleg S, Scrivens K, Beaton DE, Bingham CO 3rd, Busse JW, Christensen R, Goel N, Jüni P, Kaiser U, Lyddiatt A, Mease PJ, Ostelo RW, Phillips K, Sapunar D, Singh JA, Strand V, Taylor AM, Terwee CB, Tugwell P. J Rheumatol. 2015 Sep 15. [Epub ahead of print]
51. Case series of multiple repeat caesarean sections: operative, maternal, and neonatal outcome. Alnoman A, El-Khatib Z, M S Almrstani A, Walker M, El-Chaar D. J Matern Fetal Neonatal Med. 2015 Sep 12:1-5.
52. Effectiveness of performance coaching for enhancing rates of smoking cessation treatment delivery by primary care providers: Study protocol for a cluster randomized controlled trial. Papadakis S, Pipe AL, Reid RD, Tulloch H, Mullen KA, Assi R, Cole AG, Wells G. Contemp Clin Trials. 2015 Sep 5;45(Pt B):184-190.
53. Using interactive voice response to improve disease management and compliance with acute coronary syndrome best practice guidelines: A randomized controlled trial. Sherrard H, Duchesne L, Wells G, Kearns SA, Struthers C. Can J Cardiovasc Nurs. 2015 Winter;25(1):10-5.
54. Exploration, Development, and Validation of Patient-reported Outcomes in Antineutrophil Cytoplasmic Antibody-associated Vasculitis Using the OMERACT Process. Robson JC, Milman N, Tomasson G, Dawson J, Cronholm PF, Kellom K, Shea J, Ashdown S, Boers M, Boonen A, Casey GC, Farrar JT, Gebhart D, Krischer J, Lanier G, McAlear CA, Peck J, Sreih AG, Tugwell PS, Luqmani RA, Merkel PA. J Rheumatol. 2015 Nov;42(11):2204-9.
55. CAEP 2014 Academic Symposium: "How to make research succeed in your department: Promoting excellence in Canadian emergency medicine resident research". Calder LA, Abu-Laban RB, Artz JD, McLeod S, Blackie B, Das B, Woods R, Perry JJ, Vaillancourt C, Stiell IG, Frank JR. CJEM. 2015 Sep;17(5):591-9.
56. Planning for the Next Global Pandemic. Ross AG, Crowe SM, Tyndall MW. Int J Infect Dis. 2015 Sep;38:89-94.
57. The International Clinical Epidemiology Network increases capacity for clinical epidemiology research in Jamaica. Tricco AC, Tugwell

- P, Knottnerus JA. *J Clin Epidemiol*. 2015 Sep;68(9):967-9.
58. Identifying the domains of context important to implementation science: a study protocol. Squires JE, Graham ID, Hutchinson AM, Michie S, Francis JJ, Sales A, Brehaut J, Curran J, Ivers N, Lavis J, Linklater S, Fenton S, Noseworthy T, Vine J, Grimshaw JM. *Implement Sci*. 2015 Sep 28;10(1):135
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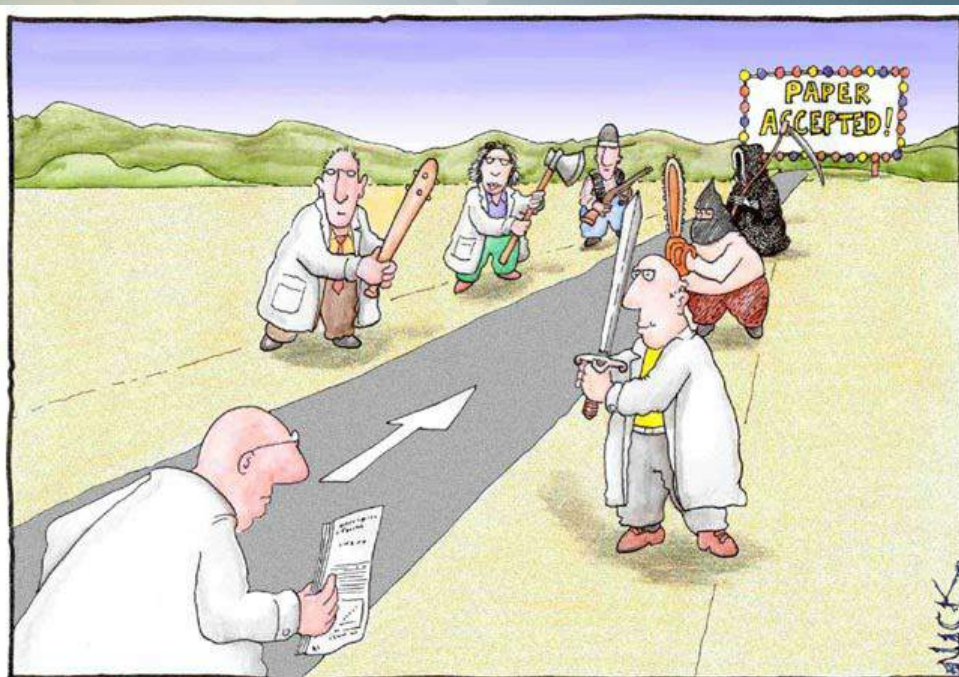
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Did you know?

The **Publications Officer** (page 16) is one of four recommendations suggested by Moher *et al* to help improve the medical research literature. The other three recommendations include:

- **Core Competency Training of medical editors**
- **Training authors to write articles “fit for purpose”**
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Moher D, Altman DG (2015) Four Proposals to Help Improve the Medical Research Literature. PLoS Med 12(9):e1001864



Most scientists regarded the new streamlined peer-review process as “quite an improvement.”