



The Centre for International Child Health Quarterly eUpdate

Issue 9: September 2018

Centre Updates



illuminating Vancouver for World Sepsis Day

On September 13th, in support of **World Sepsis Day** Vancouver's most recognizable landmarks, including the Sails of Light at Canada Place, Science World, and Vancouver City Hall will be illuminated in **PINK**. World Sepsis Day was started by the **Global Sepsis Alliance** (GSA) in 2012 as a collaborative effort driven by organizations and individuals with the objective of raising the global awareness of sepsis through a variety of events.

So, what exactly is Sepsis?

Sepsis is a rare but serious complication that arises when the body's response to an infection injures its own tissues and organs. Sepsis contributes to over *8 million* deaths worldwide every year. Despite advanced medical care, incidence of sepsis in children and adults in Canada continues to climb. It most commonly affects those who are more susceptible to infection, such as infants, the elderly, women who are pregnant or postpartum, patients with cancer or others with chronic or serious illness. Death resulting from sepsis can be as high as 20 to 30 percent in Canada and those who survive can experience debilitating long-term effects.

What can I do about World Sepsis Day?

There's a number of things you can do!

Watch and share this great video from the GSA, "**What Is Sepsis? - sepsis explained in 3 minutes**". Participate in the **FREE Sepsis World Conference** online, Sept 5th and 6th (*see our upcoming events section for more details*). Sign and share the **World Sepsis Declaration**.

Post a photo of the **PINK** lights illuminating Vancouver, tag your local landmarks and friends,

Awareness and knowledge is where the fight against sepsis begins. The faster someone with sepsis receives treatment the better their chances are for survival. By learning to recognize the signs of sepsis you could one day help save someone's life! Learn more and follow the World Sepsis Day Movement: [Facebook](#), [Twitter](#), or [Instagram](#)

For more ideas visit the [Toolkits section of the World Sepsis Day Website](#).

Photo: [Vancouver at Night](#) a derivative of flickr photo by [Michael Nugent](#) shared under Creative Commons ([CC BY-SA 2.0](#)) license

Recap: Smart Discharges Transition to Scale



Project supported by:

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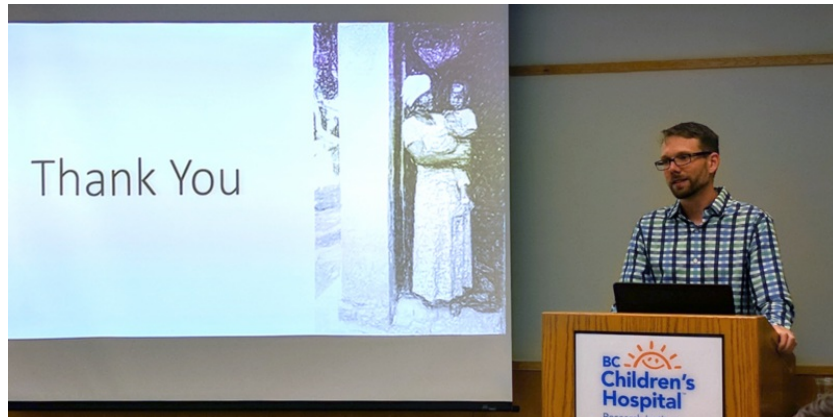


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On July 16th, Dr. Matthew Wiens, epidemiologist and post-doctoral fellow with the Centre for International Child Health, delivered a rousing presentation about his Smart Discharges project - 'An Evidence Based Approach to Improving The Pediatric Discharge Process'. In the talk, he explained how over the past 6 years Smart Discharges has made significant headway in tackling the issue of post-discharge mortality for children in Uganda, an essential component of addressing the [United Nations Sustainable Development Goal 3: Ensure healthy lives and promote well-being for all at all ages](#).

Since the program began, there has been a 3-fold increase in the amount of children seeking post-discharge care, a 2-fold increase in children requiring post-discharge re-admissions, and a 30% decrease in post-discharge mortality for those enrolled. However, while the evidence for a successful program is there, the drive for effective implementation and scaling is still a challenge.

We often hear the term "scale-up," but what does that mean for Smart Discharges? Ultimately, it would mean that Smart Discharges becomes integrated into nationwide routine care for all children in Uganda. With the support of [Grand Challenges Canada Transition to Scale](#), Dr. Wiens and the Smart Discharges staff have been engaging with partner health specialists, organizations, and the Government of Uganda to best understand the complex environment the program would be operating in, and perhaps more importantly, to develop strong networks of support within the health system to promote its inclusion into the health policies of the country.

Recap: Zulfi Bhutta at Pediatric Grand Rounds

"Child Health and the Sustainable Development Goals: What Can Pediatricians Do?"

The Centre for International Child Health welcomed Dr. Zulfiqar Bhutta to BC Children's Hospital on July 6th. Dr. Bhutta is one of the



most prolific authors on global child health, being one of the lead authors of the Lancets child survival series and all of the global burden of disease studies. He's also the co-chair of Sick Kids global health center and the president of the International Pediatric Association. Dr Bhutta provided an inspiring presentation on the context and progress on child survival over the last two decades, as well as some of the important yet often missed issues in the recent past. Finally, he provided his thoughts on what still needs to be accomplished and the role of pediatricians and the global health community.

Weren't able to make this Grand Rounds? Good news, you can watch it online at the [Department of Pediatrics Website](#).

Project Updates from Around BC Children's and BC Women's

An Honourable Visit with Jody Wilson-Raybould

The Centre for International Child Health and the Digital Health and Innovation Lab (DHIL) received a special visit this August from **the Honourable Jody Wilson-Raybould**, the Liberal member of Parliament for the Vancouver Granville riding, and the Minister of Justice of Canada. The Minister was eager to meet our summer student, Jonathan Chan, who was hired with funding through the Canada Summer Jobs program, and learn about his summer employment opportunity.

Jonathan, a 4th year computer science student at UBC has been working with the DHIL on a variety of mobile health projects over the summer. During the visit, he sat down with the Minister to give a demo of the mobile-phone pulse oximeter, including the recent upgrades that he helped to implement. He also shared about his experience working on different health technology projects.

Thinking about hiring a summer student in 2019?

Check the [Canada Summer Jobs Website at Canada.ca](#) for more information - application period opens in the winter.

BCCH Research
@BCCResearch

Follow

.@BCChildrenshosp was pleased to welcome the Hon. Jody Wilson-Raybould @puglaas today. She met with #CanadaSummerJobs student Jonathan Chan, who works with the Ansermino & Dumont research teams. Here she is trying out a smart phone-based pulse oximeter developed at BC Children's.



3:39 PM - 9 Aug 2018

4 Retweets 12 Likes



Jody Wilson-Raybould, BCChildren'sHospital, BCChildren'sHosp Fdn and 3 others

4 12

PhD Fellowship Opportunity - Senegal

The West Africa Partnership of the **MRC Unit The Gambia at the London School of Hygiene and Tropical Medicine (MRC-G at LSHTM)** invites applications for an early post-doctoral fellowship based in Dakar (Senegal), from persons interested and qualified to work on the research project - *Health systems for maternal and newborn health in West Africa*

Deadline for applications: September 10, 2018. If you're interested and would like to know more about the position, please contact the lead supervisor Dr. [Melisa Martinez-Alvarez](#) and let them know you heard about the opportunity through the Centre for International Child Health.

Publication Spotlight: March 2018 - May 2018

Association Between the New York Sepsis Care Mandate and In-Hospital Mortality for Pediatric Sepsis

This issue's article is co-authored by Tex Kissoon and deals with the management of pediatric sepsis in hospitals in the US. Published in the Journal of the American Medical Association (JAMA), July 2018, the article outlines the results of a mandated 1-hour sepsis treatment bundle in emergency departments, inpatient units, and intensive care units across New York State from April 2014, to December 2016.

[Did you or someone you know publish something recently that you want to share? Let us know so we can include it in our next update.](#)

News and Upcoming Events



Free World Sepsis Congress Online

September 5 & 6, 2018 | Online

On September 5th and 6th, the GSA will host the 2nd World Sepsis Congress - live, completely online and free of charge, fostering their aspiration to bring knowledge about sepsis to all parts of the world. Over the course of two days and 17 distinctive session, over 100 speakers from 30 countries will give presentations and keynotes on all aspects of sepsis ([view the program online](#)).

Register for **FREE** through the [World Sepsis Congress website](#).

Not able watch live? All the talks will become available on YouTube and Apple Podcasts after the conference has ended.



Join the Sepsis CoLab at ASC 2018

October 3-5, 2018 | Diani, Kenya

The role of Critical Care Nurse in promoting sustainable development goals (SDG's)

During this year's 4th Annual African Federation of Critical Care Nurses Scientific Conference (Oct 3-5, Diani, Kenya), a team of sepsis experts from around the world, including Dr. Niranjana Kissoon, Vice President of Medical Affairs at BC Children's Hospital, will introduce the **Pediatric Sepsis Data CoLaboratory (Sepsis CoLab)**, a new international data sharing network created to address

pediatric sepsis mortality and morbidity.

The Sepsis CoLab, developed in collaboration the [African Sepsis Alliance](#), the [World Federation of Pediatric Intensive & Critical Care Societies](#), and the [Center for International Child Health](#) at BC Children's Hospital, aims is to develop and validate tools for data collection and data sharing, enabling continuous quality improvement of care.

To learn more about this event and how to register, visit the [Critical Care Nurses Kenya website](#). If you or your institution is interested in being involved in the [Sepsis CoLab](#), contact [Alexia Krepiakevich](#).



CSIH
SCSI

Canadian Conference on Global Health

November 19-21, 2018 | Toronto, Canada

This November, the [Canadian Conference on Global Health \(CCGH\) 2018](#) will tackle the complex theme, '[Fragile Environments and Global Health: Examining drivers of change](#)'. Researchers, policymakers, students, practitioners and stakeholders from health, humanitarian and other sectors are all invited to contribute their wisdom and ideas on how the global health community can positively impact the world's fragile environments ([view the agenda here](#)). The CCGH 2018 seeks to highlight and examine the drivers of change that may address these gaps as we strive to identify positive and transformative change that disrupt the status quo solutions.

Visit [CHISevents.org](#) to register today!

[What is Fragility? Learn more at OECD.org](#)

Want to share your event with the CICH community? [Get in touch..](#)

Funding Opportunities

Grand Challenges Canada | Stars in Sexual and Reproductive Health and Rights

Call Budget: \$100,000 CAD

Application Deadline: September 25, 2018 (15h00 ET)

Grand Challenges Canada has put out a [Request for Proposals](#) for Stars in Sexual and Reproductive Health and Rights (Round 10) seeking bold ideas for products, services and implementation models that could transform how persistent challenges in sexual and reproductive health and rights are addressed in low- and middle-income countries.

Visit the [Grand Challenges Website](#) for more details.

Three funding opportunities from the European & Developing Countries Clinical Trials Partnership (EDCTP)

Advances in product development
for effective prevention, treatment
and management of co-infections
and co-morbidities

Call budget: €14 million

Diagnostic tools for poverty-related
diseases

Call budget: €18 million

Capacity development to facilitate
delivery and uptake of new or
improved medical interventions in
African health systems

Call budget: €2.25 million

Stage 1 (Letter of intent)

Close date: 18 October 2018,
17:00

Stage 1 (Letter of Intent)

Close date: 11 October 2018,
17:00

Stage 1 (Letter of Intent)

Close date: 11 October 2018,
17:00

Have questions, suggestions, or something to share?

Email us at cichinfo@cw.bc.ca so we can include it in our next quarterly eUpdate.

[Centre for International Child Health](#) | [BC Children's Hospital](#) | cichinfo@cw.bc.ca |

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