



# Health Innovation Summit

Inspiring Tomorrow's Healthcare

Queensbury Convention Centre, Regina  
September 26, 2018

[healthsummit.ca](http://healthsummit.ca)

[#InnovateHealthSK](https://twitter.com/InnovateHealthSK)



## Summit Overview

### ***Innovation [n] 1: the introduction of something new; 2: a new idea, method, or device***

Each year, the Health Innovation Summit strives to spark conversation around new ideas and approaches to improving access to healthcare services and the patient care experience, in a broad range of areas, from mental health and addictions to acute services to community care.

The 2017 Health Innovation Summit challenged us to think outside of the box, to take a constructive look at what is working well in our healthcare system and where there is room and/or need for improvement. During the 2018 Summit, we will build on the ideas shared during the 2017 World Café and continue those conversations with the goal of turning ideas into action.

The Health Innovation Summit will once again bring together leaders in direct care registered nursing with other practitioners, patients, academics, students, administrators, individuals from the business and technology communities, and others from across the province to further develop health innovation ideas.

The 2018 Summit is thrilled to have emergency room physician, bestselling author and medical watchdog, Dr. Brian Goldman, join as our keynote speaker to talk about disruptive innovation, technology and patient engagement

Notably, the 2018 Summit offers participants the opportunity to connect with fellow healthcare stakeholders, to learn from and inspire others, or to take the next step in bringing innovative and solution-driven ideas one step closer to reality utilizing the “Med.Hack” concept first introduced to the Summit audience at the 2017 event.

## Summit Goals

The *Health Innovation Summit: Inspiring Tomorrow's Healthcare* is devoted to:

- Open and transparent conversations regarding what people want out of their healthcare experience.
- Sharing knowledge and insight on how to grow a meaningful and sustainable patient-centred system.
- Developing calls to action for all stakeholders - both patients and providers alike - that will build a solid foundation for delivering high quality, safe patient care.

## Agenda

10:00 am		<b>Welcome &amp; Opening Remarks</b> <ul style="list-style-type: none"> <li>• <i>Dr. Marlene Smadu RN EdD, Chair, Summit Steering Committee</i></li> <li>• <i>Tracy Zambory RN, President, Saskatchewan Union of Nurses</i></li> </ul>
10:30am		<b>Keynote Presentation: Disruptive Innovation</b> <ul style="list-style-type: none"> <li>• <i>Dr. Brian Goldman, ER Physician &amp; host of CBC radio show "White Coat, Black Art"</i></li> </ul>
11:30 am		<b>Feature Presentation: The Business Approach to Innovation</b> <ul style="list-style-type: none"> <li>• <i>Dr. Chris Street, Paul J. Hill School of Business, University of Regina</i></li> </ul>
12:00 pm		<b>Lunch (provided)</b> <i>Lunch for our Hackathon participants will be provided in Meeting Room #4</i>
12:45 pm		<b>Break Out Session (Meeting Room #4 - 12:45 - 3:45PM)</b> <b>Hackathon: Generating Solutions Through Connections</b>
12:45 pm		<b>Innovation Showcase</b>  <b>"Nurse Mason": Using Humanoid Robotics To Help Children Cope In Hospital</b> <ul style="list-style-type: none"> <li>• <i>Gale Gariepy, Family Representative</i></li> <li>• <i>Kelsey Luedtke, Recreational Therapist</i></li> <li>• <i>Tammy Lucas, Acute Care Pediatrics, Royal University Hospital</i></li> </ul> <b>Electronic Medical Records (EMR) Advanced Use</b> <ul style="list-style-type: none"> <li>• <i>Aftab Ahmad, Director EMR Program, Saskatchewan Medical Association</i></li> </ul> <b>Innovation Requires Disruption</b> <ul style="list-style-type: none"> <li>• <i>Marlow Zacher, Director, Insight to Impact Consulting, ISM Canada</i></li> </ul>
1:30 pm		<b>Perspectives Panel: Empowering Patients Through Engagement</b> <ul style="list-style-type: none"> <li>• <i>J. Tyler Moss - Patient Advisor</i></li> <li>• <i>Ben Grebinski - Patient Advisor</i></li> <li>• <i>Susanne Nicolay, RN - Primary Health Care</i></li> <li>• <i>Dr. JoLee Sasakamoose, Research Director, Indigenous Wellness Research Community &amp; Wellness Wheel Mobile Medical Clinic</i></li> </ul> <i>Moderated by: Stefani Langenegger, CBC Morning Edition, CBC Radio</i>
2:30 pm		<b>Coffee Break</b>
2:45 pm		<b>Innovation Showcase</b>  <b>Access to Recovery with Assistive Technology (Addictions Treatment)</b> <ul style="list-style-type: none"> <li>• <i>Randy Johnner PhD, Associate Professor of Social Work, University of Regina</i></li> <li>• <i>Emily Bear, Program Manager, Métis Addictions Council of Saskatchewan Inc.</i></li> </ul> <b>VIDEO PREMIERE - On the Frontlines of Youth Mental Health</b>
3:15 pm		<b>Conversation Panel: Driving Health Innovation in Saskatchewan</b> <ul style="list-style-type: none"> <li>• <i>Hon. Jim Reiter, Minister of Health</i></li> <li>• <i>Hon. Tina Beaudry-Mellor, Minister of Advanced Education, Minister Responsible for Innovation Saskatchewan, Minister Responsible for Status of Women Office</i></li> </ul>
3:45 pm		<b>Hackathon Presentations</b>
4:30 pm		<b>Closing &amp; Thank you</b>

## 10:30 | Keynote Presentation

### *Disruptive Innovation*

Dr. Brian Goldman MD, ER Physician & host of CBC radio show "White Coat, Black Art"

Disruptive innovation is all around us, including health care. As a keen observer of the culture of modern medicine, Dr. Brian Goldman knows all about that. He defines disruptive innovation and gives current and past examples inside and outside healthcare, as well as the likely major disruptions in the years ahead. Finally, he tells why health professionals are often reluctant to embrace disruption, and how to prepare for it.



### *Speaker Profile*

Dr. Goldman's style on stage is earnest, heartfelt and sincere. On stage it becomes clear that he has a passion for compassion. Dr. Goldman makes complex medical issues digestible for audiences. He personalizes medicine and the human frailties of his profession. He is unafraid to address tough or controversial issues head on in a comprehensive way.

Dr. Goldman is one of those rare individuals with great success in not one but several adrenaline-pumping careers. He is a highly regarded emergency physician at Mount Sinai Hospital in Toronto. A veteran medical broadcaster, he is also the host of the Canadian Broadcasting Corporation's award-winning radio show "White Coat, Black Art", where he takes listeners behind the scenes of hospitals and doctor's offices. Dr. Goldman unpacks and demystifies what goes on inside medicine's sliding doors – with topics that include burnout among health professionals, racism in health care and meeting the challenge of providing care for kids with complex medical needs when they age out of the system.

His inspiring yet bracingly honest TEDx talk about medical errors—which has been viewed on the Internet almost one million times—has cemented his reputation as one of his generation's keenest observers of the culture of modern medicine.

A bestselling author of the book *The Night Shift: Real Life in the ER*, Dr. Goldman takes readers through giddy heights and crashing lows as he works through a typical night shift in one of Canada's busiest ERs. His second book *The Secret Language of Doctors* is a biting look at medical slang, and what it reveals of what the doctor really thinks about your mother's obesity, your grandfather's dementia or her colleague's competence.

And, he's not afraid to take a hard look at himself. In his latest book- *The Power of Kindness: Why Empathy is Essential in Everyday Life*- Goldman searches for his own capacity for caring around the world, through his own brain circuitry and inside his heart.

## 11:30 | Feature Presentation

### *The Business Approach to Innovation: From Idea to Implementation*

Dr. Chris Street, Paul J. Hill School of Business, University of Regina

In this session, Dr. Street explains how entrepreneurs typically go from concept to operation to implementation of new ideas, as well as how to recognize and avoid common mistakes that can happen along the way.

#### *Speaker Profile*

Chris Street is an Associate Professor of Entrepreneurship at the Paul J. Hill School of Business where he teaches courses in Negotiation and Corporate Entrepreneurship. In addition to four years on faculty at the I.H. Asper School of Business in Winnipeg, prior careers have also included time spent as a software developer and as a licensed Journeyman Electrician. Dr. Street's primary interests center around understanding how and why established organizations develop and implement new ways of doing things.



## 12:45 | Innovation Showcase

### *Showcasing innovative ways to advance the delivery of healthcare*

#### **"Nurse Mason": Using Humanoid Robotics To Help Children Cope In Hospital**

Gale Garipey, Family Representative, Kelsey Luedtke, Recreational Therapist & Tammy Lucas, Acute Care Pediatrics, Royal University Hospital

Mason William Garipey passed away peacefully in his mother's arms on November 25, 2017, at the age of seven years, after a courageous battle against acute myeloid leukemia. As a lasting tribute to the young boy, Mason's family and Make-A-Wish Foundation donated Nurse Mason to Royal University Hospital's Acute Care Pediatric unit on Sept. 5, 2018. The donated robot will be used to help young patients cope better. RxRobots mission is to transform pediatrics using humanoid robotics. It is the first company to reduce children's pain and discomfort using humanoid robots as pain coaches, educators and physical companions during medical procedures at the hospital.

#### *Speaker Profiles*

**Gale Garipey** is a loving mother passionate about helping children cope with medical challenges and hospitalizations. To create a legacy for her son Mason who lost his courageous battle with leukemia, Gale and her family along with Make-A-Wish Foundation, has donated a Medi Robot to the pediatric unit in Saskatoon. Mason wanted to be a nurse when he grew up and felt this robot would bring children comfort, so it was Gale's mission to make sure "his hospital" had one!



**Kelsey Luedtke** is a Recreation Therapist on Acute Care Pediatrics at Royal University Hospital. Kelsey offers play, recreation, and expressive opportunities to improve the overall well-being of patients while also helping to develop coping strategies to reduce anxiety and enhance cooperation with treatment. Kelsey works closely with the nurses and medical teams on the unit to support kids during their hospital visit.



**Tammy Lucas** is the Manager of the Acute Care Pediatrics Unit at Royal University Hospital in Saskatoon. She is responsible for the day-to-day operations of the current pediatric unit while planning for the Jim Pattison Children's Hospital that will open in 2019. Tammy's educational background includes a Bachelor's Degree in Nursing from the University of Saskatchewan and has been certified in a number of courses: Coaching out of the Box, Saskatchewan Leadership Program, Team STEPPS. Her passion is creating a safe and supportive culture and exceptional family-centered care in pediatrics.



## Electronic Medical Records (EMR) Advanced Use

Aftab Ahmad, Director EMR Program, Saskatchewan Medical Association

Today care providers are dealing with technologies that can potentially enable better care, strengthen patient safety and improve communication by having technology working for them, rather than care providers working for the technology. This presentation will take a look at digital disruption in healthcare and how we capitalize the opportunity with one step at a time

### *Speaker Profile*

**Aftab Ahmad** is a Director of Electronic Medical Records with Saskatchewan Medical Association Senior Manager in the Technology Strategy. Aftab has proven expertise in aligning technical strategies to organizational goals. Applies intuitive and analytical skills to evolve programs of interrelated, realizable projects focused on the strategic vision. Successful in driving projects to implementation by building upon and extending existing foundations. Over 15 years of experience with diverse industries that includes manufacturing, mining, oil & gas, healthcare, waste management and telecommunication.



## Innovation Requires Disruption

Marlow Zacher PMP, Director, Insight to Impact Consulting, ISM Canada

A program of innovation requires disruption. Tomorrow's world changing outcomes, are today's most outlandish ideas. A basis of Social Innovation is explored and some ideas for Health Innovation are presented.



### *Speaker Profile*

**Marlow Zacher** has been in consulting for more than 25 years as a Project and Program Manager and Management Consultant. More than 7 of those have been in the healthcare space. Marlow brings a passion for continuous improvement to every engagement. Most recently he has been utilizing big data to support evidence based decision making to help solve wicked problems in all aspects of Human Services-Healthcare, Social Services, Justice, and Education.

A die-hard Rider fan and 30 year season ticket holder, Marlow is always willing to engage in football conversations but his real joy is discussing the adventure of being a dad to two teenage girls.



## 1:30 | Perspectives Panel: Empowering Patients Through Engagement

What does our healthcare system look like through the eyes of the patient? What successes can we learn from and build from on? What actions or innovations need to be taken to address gaps and barriers in place? How do we engage patients and/or the community to inspire tomorrow's healthcare?

**Moderated by Stefani Langenegger, host of CBC Morning Edition**, the perspectives panel will look at the patient care experience through the eyes of the patient and their family, practitioner, and stakeholder, to spark the conversation around creating the optimal future for healthcare in Saskatchewan.



### Panelists



#### **Ben Grebinski, Patient/Family Advisor**

Ben Grebinski is currently the Director of Education /CEO for the Prairie Valley School Division; however, has had recent experiences with the healthcare system both personally and as a family member. From the family perspective, Ben knows the stress that a family can experience when a senior member is in hospital can be very high. His mother (93) was a patient on the Accountable Care Unit [pilot project] at Pasqua Hospital in Regina (2016), where he believes the design helped reduce that stress. Ben believes the new design provided the family with information and a better understanding of the treatment his mother was receiving, through improved communication and transparent services of all staff.

#### **J. Tyler Moss, Patient Advisor, Citizen Health Information Portal (CHIP)**

Tyler Moss is a Saskatchewan Citizen Health Information Portal (CHIP) user, as well a Patient Co-Investigator on a Saskatchewan Research Health Foundation (SHRF) grant through the College of Nursing at the University of Saskatchewan. He has been an invited speaker at various International conferences in North America, and has included content on Canadian podcasts and blogs. Tyler also serves as a Patient Advocate and has been asked to sit on the Patient Advisory Board, both with eHealth Saskatchewan.



#### **Susanne Nicolay, Registered Nurse (RN)**

Susanne is a graduate from the University of Saskatchewan's College of Nursing. Her work as an RN has been diverse, with opportunities in acute and long-term care, community and public health, research and policy development, management and education. Susanne's roots are in medicine and chronic disease. She is an HIV nurse and completed her AIDS Certified Registered Nurse certification in 2012. In 2016, Susanne left the regional health authority to work in communities, primarily with Wellness Wheel, led by Dr. Skinner. In addition to her paid work, Susanne volunteers as a Member-at-Large for the Saskatchewan HIV/HCV Professional Practice Group, under the SRNA as well as being on the national boards of CANAC (Canadian Association of Nurses in AIDS Care) and CATIE (Canadian AIDS Treatment Information Exchange).

#### **Dr. JoLee Sasakamoose, Research Director, Indigenous Wellness Research Community & Wellness Wheel Mobile Medical Clinic**

Dr. JoLee Sasakamoose is an Anishinabe (Ojibwe) with membership in M'Chigeeng First Nation and is an active citizen of Ahtahkakoop Cree Nation in Saskatchewan. Dr. Sasakamoose is the recently appointed Research Director of the Indigenous Wellness Research Community Network and Wellness Wheel Mobile Medical Clinic in Saskatchewan. The network engages clinicians and patients as co-researchers in areas of HIV/infectious/chronic disease prevention and treatment, mental health and addictions, and the uses of traditional plant-based medicines and land-based healing for wellness. With funding from multiple agencies, the Network is bringing wellness into First Nations and Metis communities throughout Saskatchewan. Dr. Sasakamoose is an Associate Professor in Educational Psychology and Counselling and is the only tenured First Nations person at the University of Regina. In partnership with the First Nations communities of Saskatchewan, she co-authored the Indigenous Cultural Responsiveness Theory (ICRT), a theoretical framework to guide research that improves the health of Indigenous peoples in Saskatchewan.





## 2:45 | Innovation Showcase

### *Showcasing innovative ways to advance the delivery of healthcare*

#### Access to Recovery with Assistive Technology

Dr. Randy Johner PhD, Associate Professor of Social Work, University of Regina  
Emily Bear, Program Manager, Métis Addictions Council of Saskatchewan Inc.

This presentation will share information about an innovative research project that the Metis Addictions Council of Saskatchewan, Inc.(MACSI) and the University of Regina, Faculty of Social Work, have co-created. Gathering data from talking circles which included service users, service providers, and an Elder, this data will be used to develop a culturally-informed application (App) suitable for a smart phone or iPad that we anticipate will support the treatment of individuals with substance use issues and learning challenges.

#### Speaker Profiles

**Dr. Randy Johner** is an Associate Professor with the Faculty of Social Work, University of Regina. Her research interests focus on diverse ability challenges, using assistive technology to empower those with communication diversities, and understanding lived experiences of disability.



My name is **Emily Bear**, I am a Cree woman from Saskatoon born and raised. My family lineage comes from the Beardy's and Okemasis First Nations Reserve. I have been with the Metis Addictions Council of Saskatchewan Inc. for over a year. I started as an addictions counselor in our Saskatoon center and moved into this senior level position this past March of 2018. I have an educational background in Education and Addictions. My passion is in Cultural programming, which is how I ended up in my current position. I have worked in the non-profit sector in the frontline since 2010 as a program and service provider but have done speaking in schools and different organizations since I was 18 years old. I founded a non profit organization called Reaching Back Moving Forward that provided cultural programming to at risk youth in accompany of Elders. This set into motion for me to learn more about my culture and identity. Today I am a pow wow dancer, I dance in Sundance and attend sweats weekly. I live a very traditional lifestyle and incorporating that back in today's society is something that I am very passionate about. I also come from lived experience as well and have lived on both ends of the law and also use this knowledge to work with clients and counselors at MACSI. I am also the Executive Director of a new organization called Saskatoon Cares, that is harm reduction and operates as a mobile needle exchange. Aside from all the work I do in the addictions field I am a single mother of 3 beautiful children and come from a very huge family and always maintain those family values in all work I do.

## 3:15 | Conversation Panel: Driving Health & Innovation in Saskatchewan

Looking ahead, where will healthcare in Saskatchewan be in 5, 10 years times? What opportunities do innovations in healthcare and technology have in our province? What are Saskatchewan's greatest successes in healthcare and/or technology and innovation? How can we overcome some of the biggest obstacles to achieving a high functioning health system?

Joined by Honourable Tina Beaudry-Mellor, the Minister Responsible for Innovation Saskatchewan, the Honourable Jim Reiter, Minister of Health, will share their perspectives on health and innovation in Saskatchewan, the future of both in the province and how to encourage and leverage growth and development.



***Honourable Tina Beaudry-Mellor, Minister of Advanced Education, Minister Responsible for Innovation Saskatchewan, Minister Responsible for Status of Women Office***

Tina Beaudry-Mellor was elected the MLA for Regina University on April 4th, 2016. On February 2nd, 2018, Tina was appointed as Minister of Advanced Education, Minister responsible for Innovation Saskatchewan, and reappointed as the Minister responsible for The Status of Women. Previously, she served as the Minister of Social Services.

Best known as a long time instructor in the Department of Politics and International Studies at the University of Regina, Tina has published in everything from peer reviewed journals to op-eds and business magazines, commenting both on political & social issues.

Tina is the former Chair of Equal Voice and served on the National Board. She is also a former board member of the Saskatchewan Arts Board, the Community Investments Committee of the United Way and the Regina Transition House. At the University of Regina, she served on the Community Research Unit board of the Faculty of Arts.

In addition to her academic work, Tina was the owner of a small management consulting business called TBM Strategies where she has done considerable policy work. She has also worked with the Continuing Education Centre of the University of Regina to write the Flexible Learning Strategy to build the institution's online, televised and blended course and program offerings for students.

Tina is married and has two very active teenage twins, Kayman and Montana.

### ***Honourable Jim Reiter, Minister of Health***

Jim Reiter was first elected as the MLA for Rosetown-Elrose in the 2007 provincial election and was re-elected in 2011 and 2016.

Professionally, Jim has extensive experience in municipal governance. He was the long-time administrator for the Rural Municipalities of Marriott and Pleasant Valley. He has served as Director, Vice-President, and President of the Rural Municipal Administrators' Association (RMAA), as well as Executive Director.

Among his educational accomplishments is a Senior Certificate in Local Government Administration from the University of Regina. He also served six years on the U of R Senate. Jim has served his community as a Justice of the Peace and marriage commissioner.



In addition to his current role as Minister of Health, Jim has also served as Minister of Highways and Infrastructure, Minister of First Nations, Métis and Northern Affairs, and Minister of Government Relations.

## 12:45 - 3:45 | Hackathon

What is a hackathon, you ask? A Med.Hack(+) hackathon is a creative problem-solving approach that brings together healthcare professionals, students, entrepreneurs, system leaders, and technology creators, to work in interdisciplinary teams that build solutions to problems in healthcare. These interdisciplinary “Solutions Teams” will spend the afternoon brainstorming and mapping out solutions to problems in healthcare identified by their fellow attendees. Participants will have the opportunity to choose which Solutions Team they wish to join based on the topic which interests them the most.

Sharing ideas, knowledge and insight on how to grow a meaningful and sustainable patient-centred system is a key objective of the Health Innovation Summit. At the conclusion of the hackathon, our “Solutions Teams” will be sharing their ideas and the progress they made, as part of the main plenary presentations. Each presentation will be “judged” by our panel of stakeholders, providing Teams with the opportunity to receive additional feedback.

### Ideas/Topics

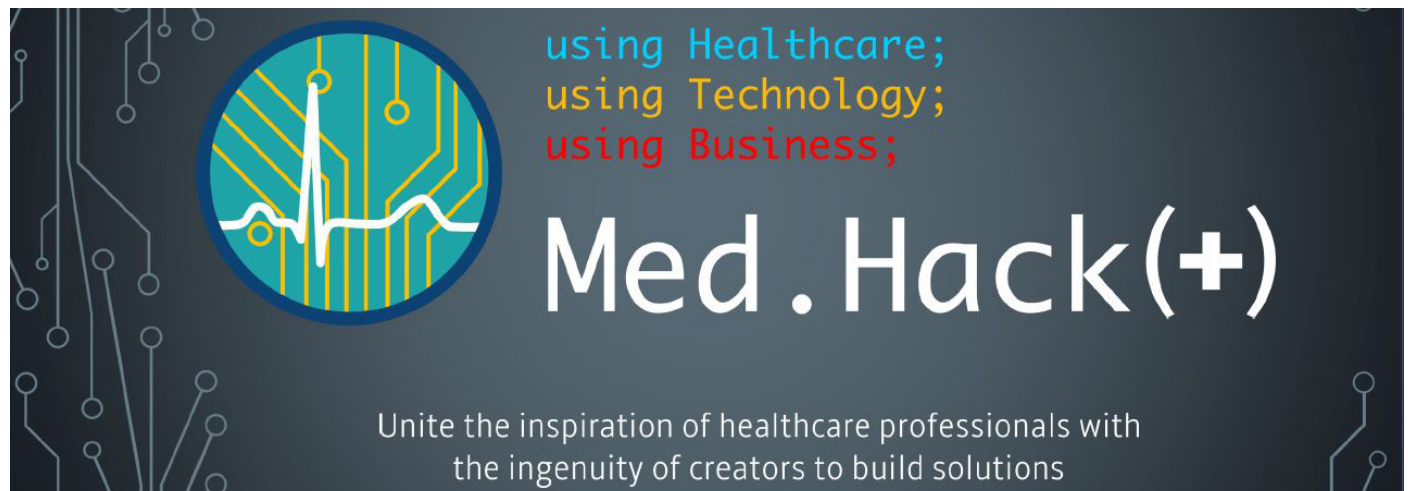
“Solutions Team” participants will have the ability to choose from:

- **Mobile Endoscope Reprocessing Vehicle**  
*Goal: Providing patients in rural and remote locations with access to therapeutic and diagnostic endoscopic procedures.*
- **Repatriation of Patients/Clients Back Into Home Hospitals**  
*Goal: Building standard and streamlined processes focused on patient safety and meeting patient needs in the appropriate care settings.*
- **Mental Health/Addictions Acute Care Pathway**  
*Goal: Development of a pathway for mental health and addictions patients/clients to receive critical support following discharge from acute care facilities.*
- **iOK Wellness Barometer App**  
*Goal: Development of an objective, clinically proven digital measurement tool at the users fingertips which gives meaningful results within a minute and helps to shape the health choices a person makes.*
- **Senior Care: Improving Health Outcomes At Home**  
*Goal: Streamlining processes and access to healthcare services and supports for seniors within their home communities.*

### Judges

- Sharon Garratt, Vice-President Integrated Urban Health and Chief Nursing Officer, Saskatchewan Health Authority
- Andrew Wahba, Program Manager, Innovation Saskatchewan
- Bruce Willis, Partner, KPMG Canada and Summit Steering Committee member

**Interested in seeing a hackathon in action?** Plenary participants are welcome to visit the hackathon and observe the “Solutions Teams” hard at work. Teams will be located in Meeting Rooms #4 & #6





## Health Innovation Steering Committee

Led by Dr. Marlene Smadu, in partnership with the Saskatchewan Union of Nurses, the Health Innovation Steering Committee brings together healthcare professionals, business and community leaders, with the common goal of identifying opportunities to share ideas and solutions to create high quality, sustainable health care in Saskatchewan.

Visit [healthsummit.ca/#committee](https://healthsummit.ca/#committee) to learn more about each individual.



**Dr. Marlene Smadu RN EdD**  
*Steering Committee Chair*



**Tracy Zambory RN**  
*President*  
*Saskatchewan Union of Nurses (SUN)*



**Craig Bell**  
*COO, Executive VP Assets*  
*Investment Group*



**Cadmus Delorme**  
*Chief*  
*Cowessess First Nation*



**Dr. David Gregory RN PhD**  
*Dean, Faculty of Nursing*  
*University of Regina*



**Joanne Petersen RN**  
*President*  
*Saskatchewan Registered Nurses*  
*Association (SRNA)*



**Sanj Singh MBA**  
*President*  
*LMI*



**Victor Thomas Madmin. C.Dir**  
*President*  
*Global Bridgeway*



**Bruce Willis**  
*Partner*  
*KPMG - Canada*



**Marlow Zacher**  
*PMP*  
*ISM Canada*



**Donna Trainor RN**  
*Executive Director*  
*Saskatchewan Union of Nurses (SUN)*



**Amber Alecxe PhD(c)**  
*Director of Government Relations*  
*Saskatchewan Union of Nurses (SUN)*

## Notes & Inspiration



The Health Innovation Summit has been hosted by the Saskatchewan Union of Nurses.