11th Annual Summit on

DATA ANALYTICS

FOR HEALTHCARE

December 6–7, 2023
The Old Mill, Toronto, Ontario

THE 11TH ANNUAL BIG DATA & ANALYTICS HEALTHCARE SUMMIT 2023

The biggest event series dedicated to data & analytics in the Canadian Healthcare industry!

The 11th Annual Big Data & Analytics Healthcare Summit 2023

Explore the cutting-edge intersection of data analytics and healthcare at our two-day conference in Toronto's elegant Old Mill. On December 6-7, 2023, immerse yourself in dynamic discussions, innovative keynotes, and insights into the pan-Canadian health data strategy. Discover how data is revolutionizing healthcare, guided by industry leaders and forward-thinking experts.

Don't miss this unique opportunity to network with professionals, uncover the latest trends, and elevate your healthcare data and analytics strategies. Join us for an inspiring and transformative experience — your gateway to the future of healthcare innovation!

www.healthdatasummit.ca

What to Expect

Get ready to engage and be engaged by industry leaders!

Insightful Industry Experts & Panels
- Regulation and Compliance: Discover how data can be used to protect patients.
- Machine Learning Models: Deploy and manage deep ML models at scale.
- Geo-Analytics: Address health inequities and enhance population health management strategies.

Engaging Case Studies
- Intelligent Automation: Navigating the transition from analytics to automation.
- Patient Journey Mapping: Build a strong governed foundation for integrated data.
- Drug Checking: Leveraging analytics to address the opioid crisis.

Interactive Roundtables
- Data Categorization: Organize data in a structured and meaningful way.
- Mitigating Cyber-attacks: Prioritize cybersecurity efforts to combat data breaches.
- Healthcare-at-home: Ramp up your virtual offering.

Networking Opportunities
- Networking Lunch: Delve into industry conversations and expand your network.
- Evening Reception: Enjoy great conversation, music, and networking.
- Networking Breakfast: Build community contacts and connect with data analytics leaders.
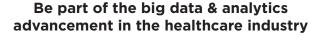
Exclusive Exhibitor Lounge & Demos
- Vendor Demos & Consultations: Enjoy exclusive sponsor demos and experience data analytics innovation.
- Visit Booths & Source Expertise: Explore the latest technology and strategies with industry-leading sponsors.

Be part of the big data & analytics advancement in the healthcare industry

REGISTER HERE

Speaker Preview

MUHAMMAD MAMDANI
Vice President, Data Science and Advanced Analytics

VINCCI TANG
Chief Financial Officer

GINA JOHAR
Vice President and Chief Digital Officer

MICHAEL HARVEY
Information and Privacy Commissioner

PAKIZAH KOZAK
Chief Information Officer, Information Management and Technology

IRENE ANDRESS
Vice President, Programs and Services and Chief Nursing Executive

LADAN DADGAR
Director, Data Governance and Analytics, Decision Support, Health Information Management and Business Intelligence

DR. DEVIN SINGH
Emergency Physician and Lead, Clinical Artificial Intelligence and Machine Learning

JOE DUDAS
Division Chair, Supply Chain Management Innovation and Planning

HETAL RUPANI
Director of Business Intelligence

DENNIS HORE
Professor, Chemistry and Computer Science

MATTHEW MEYER
Senior Director

JAY SHAW, PT, PHD
Research Director, Artificial Intelligence, Ethics & Health, Joint Centre for Bioethics

MICHAEL CAESAR
Chief Data & Analytics Officer

ANDRE PICARD
Health Columnist
Health Columnist

Who Attends?

December 6, 2023

7:45 AM   NETWORKING BREAKFAST: BUILD COMMUNITY CONTACTS

- Start your day off right and connect with **data analytics leaders.**
- Get to know your **industry peers** and colleagues over a delicious breakfast.
- Source practical tips, discuss **best practices** and prepare for the day ahead.

8:45 AM   OPENING COMMENTS FROM YOUR HOST

Gain insight into today's sessions so you can get the most out of your conference experience.

Andre Picard, Health Columnist, **The Globe and Mail**

9:00 AM   OPENING KEYNOTE: PAN-CANADIAN HEALTH DATA STRATEGY

Activating Data for the Nation's Wellbeing

Canadian governments' investments in health data usage lack a clear national vision, leading to fragmented benefits. Misaligned incentives, poor data understanding, and limited public engagement are challenges to overcome. Achieve better, equitable health outcomes for Canadians, focused on standardized health data, improved literacy, and public involvement. Create a roadmap to:

- Guide investments in healthcare
- Help governments respond to public health events
- Build your own strategy with the latest research findings

Optimize national health data to achieve equitable, better health outcomes for Canadians.

9:30 AM   C-SUITE PANEL: ETHICAL DATA COLLECTION

Promote the Ethical Use of Patient Data for Research and Healthcare Advancements

Data ethics and consent management play crucial roles in healthcare to ensure the responsible and ethical use of patient data. In an increasingly data-driven healthcare environment, it is essential to prioritize patient privacy, data security, and informed consent. Take away specific solutions to:

- Determine the consent management process for patients
- Provide transparent and easily accessible information to your patients about data practices, collection, storage, and usage policies
- Maintain regulatory compliance

Improve your responsible handling of data to influence research and healthcare advancements.

Andre Picard, Health Columnist, **The Globe and Mail** MODERATOR
Jay Shaw, PT, PhD, Research Director, Artificial Intelligence, Ethics and Health, Joint Centre for Bioethics, **University of Toronto**

10:00 AM   INDUSTRY EXPERT: DATA PLATFORMS

Unlock Your Data's Full Potential with a Modern Data Platform

In the current business landscape, market differentiation cannot be bought off the shelf. To gain a competitive advantage, you must leverage your organization's unique asset: data. Responding and capitalizing on market trends with agile development is key, but legacy infrastructure with numerous niche technologies can hinder progress. Source practical tips to:

- Explore how you can boost productivity
- Identify transformative opportunities for your business
- Learn how a modern data platform can revolutionize your organization

Amplify the potential of your next data platform initiative to stay ahead of the competition.

Robert Eckersley, Director, Partner and Channels Sales, **Denodo**

10:30 AM   SPEED NETWORKING! MAKE MEANINGFUL CONNECTIONS

Grow your network by meeting like-minded individuals to share your latest ideas and projects with:

- Enjoy a quick icebreaker, exchange LinkedIn information, and build **lasting business relationships.**
- Achieve your conference networking goals in a **fun and agile fashion.**
- **Join a community** of data analytics leaders and gain invaluable support.

11:00 AM   EXHIBITOR LOUNGE: VISIT BOOTHS & SOURCE EXPERTISE

- Explore the latest **data analytics technology** and strategies with our industry leading sponsors.
- Share your challenges with the **biggest innovators** in the business.
- Schedule **one-to-one private meetings** for personalized advice.

TRACK 1	TRACK 2

11:30 AM — CASE STUDY: DATA CENTRALIZATION

Take Your First Step to Modernizing Care with a National Health-Care Data System

A pan-Canadian database is essential for enhancing healthcare efficiency and saving lives. Consolidate and integrate healthcare data from various systems into a unified repository for increased accessibility and organization. Walk away with an action plan on:

- Working towards a 'Single Source of Truth'
- Improved data accessibility and interoperability
- Creating comprehensive patient profiles

Transform your pan-Canadian database to improve your data integrity, reduce data redundancy, and lower cost.

Steven Carrigan, Director of Analytics, Quality and System Performance, **Nova Scotia Health Authority**

11:30 AM — CASE STUDY: MEASURING AND BENCHMARKING

Establish Regular Monitoring Processes to Track Performance Metrics

By effectively measuring and benchmarking data in digital analytics, healthcare organizations can gain actionable insights to drive improvements in patient care, operational efficiency, and overall performance. Utilize analytics tools and techniques to analyze your collected data. Master the success factors to:

- Define Key Performance Indicators (KPIs)
- Learn how to integrate data from disparate sources into a unified analytics platform
- Compare your organization's performance against industry benchmarks

Impact how you track performance metrics to improve patient care, satisfaction, and operational efficiency.

Hetal Rupani, Director of Business Intelligence, **Johns Hopkins Medicine**

TRACK 1	TRACK 2

12:00 PM — INDUSTRY EXPERT: DATA LITERACY

Improve Your Team's Healthcare Data Literacy for Better Patient Outcomes

The ability for healthcare professionals and stakeholders to understand, interpret, and effectively utilize data in the context of healthcare decision-making and practice is vital. Gain the skills and knowledge required to critically evaluate, analyze, and communicate data-driven insights to improve your patient care, operational efficiency, and overall healthcare outcomes. Adopt best practices to:

- Make more informed and impactful decisions
- Provide ongoing training that meets your user needs
- Measure the impact of your data literacy efforts

Empower your workforce with data-driven insights to make informed decisions and enhance the quality of healthcare services.

Alex Maiersperger, Global Principal, Health Care, **SAS**

12:00 PM — INDUSTRY EXPERT: DATA EXTRACTION AND INTERPRETATION

Generating Real-World Clinical Data for Actionable Insights

Medical data extraction and interpretation are essential for enhancing patient care, optimizing healthcare processes, and enabling evidence-based decision-making. Extract actionable insights from your medical data to enhance clinical outcomes, personalize treatments, and improve population health management. Achieve a step-by-step action plan to:

- Use extracted and interpreted data to provide clinical decision support to your healthcare professionals
- Utilize data interpretation techniques to stratify patients into different risk categories based on their health conditions
- Leverage historical medical data to build predictive models and forecast future outcomes

Bolster your preventive interventions through data visualization techniques to increase the effectiveness of healthcare strategies.

12:30 PM — NETWORKING LUNCH: DELVE INTO INDUSTRY CONVERSATIONS

- Meet interesting speakers and pick their brains on the **latest industry issues.**
- **Expand your network** and make connections that last beyond the conference.
- Enjoy great food and service while engaging with your **data analytics colleagues.**

1:30 PM — EXHIBITOR LOUNGE: VISIT BOOTHS & WIN PRIZES

- Browse through different sponsor booths and **test drive new technology.**
- Enter your name for a chance to **win exciting prizes.**
- Take advantage of **event-specific offers** and special content.

TRACK 1

1:45 PM — CASE STUDY: BUSINESS INTELLIGENCE

Utilize Business Intelligence (BI) Tools to Access the Full Potential of Your Data

Business intelligence in healthcare is now essential for organizations to continuously improve and gain actionable insights from their data. Bringing a home healthcare lense, learn how to increase efficiency and productivity, maximize your operational performance, and improve patient safety, all while discovering potential improvement opportunities to support providers and patients. Using real life examples, this session will demonstrate reusable guidelines which:

- Gather clinical/business requirements, iterate through development, improve performance monitoring, and ensure accurate compliance reporting
- Create a one-stop shop which provides your organization's Key Performance Indicators (KPIs) to increase efficiency and productivity
- Enable data-driven decision making to maximize operational performance with clear visualizations and optimal 'story telling'

TRACK 2

1:45 PM — PANEL: PHARMA INSIGHTS

Transform the Discovery and Development of New Medicines Through AI

Data science and AI are becoming increasingly important in drug discovery and development. Use AI to speed up the work of drug discovery and clinical teams, leading to well-informed and precise research decisions. Develop a blueprint to:

- Identify and understand the capabilities and skills critical to success
- Explore areas of learning
- Customize your AI development

Optimize how you leverage AI to revolutionize drug discovery.

Unleash the power of your corporate data to discover hidden revenue.

Mark Watmough, Director, Digital Operations, Digital Solutions and Support (DS&S) Team, **VHA Home HealthCare**

Lyka Obial, Data Engineer, IT Digital Services and Analytics, **VHA Home HealthCare**

TRACK 1

2:15 PM — INDUSTRY EXPERT: WORKFORCE PLANNING

Devise and Implement a Human-Centred AI Strategy

Many organizations struggle to operationalize AI due to the absence of an enterprise-wide AI strategy aligned with their business goals. Address this by developing a systemic framework for AI strategy that enables the creation of a measurable portfolio of AI initiatives, prioritizing responsible AI systems that cater to humans' needs. Master the success factors to:

- Deliver AI strategy sessions to C-Suite executives, showcasing the value of AI for the organization
- Break down the AI vision into quantifiable projects
- Assist different departments in prioritizing these projects

Perfect aligning your team's AI vision with the organization's strategy for transformative success.

TRACK 2

2:15 PM — INDUSTRY EXPERT: PREDICTIVE MODELING

Create Your Vision for Predictive Health, Applications, and Adoption

Predictive models help identify patients at risk and recommend treatment plans, improving outcomes. Adopt key tools for healthcare professionals to identify patients at risk of adverse drug reactions. Create a roadmap to:

- Identify disease-specific anatomical changes
- Implement automated medical image analysis to save time and resources
- Gain insights to improve disease diagnostics, enabling proactive treatment for vulnerable patients

Advance your predictive analytics to improve healthcare.

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TRACK 1	TRACK 2
2:45 PM **CASE STUDY: DATA SCIENCE FOR GOOD**	**2:45 PM** **CASE STUDY: DRUG CHECKING**

Revolutionize Healthcare with Unique, Collaborative AI Solutions

AI solutions developed at Unity Health have emerged from a distinctive model that fosters collaboration between healthcare providers and data scientists. This approach allows for the design, development, and implementation of data-driven AI solutions in clinical settings. Source practical tips to:

- Utilize AI-powered tools to improve patient care
- Design and implement early warning systems
- Plan and prioritize patient care

Transform Canada's patient care experience through advanced technologies.

Muhammad Mamdani, Vice President of Data Science and Advanced Analytics, **Unity Health**

Leveraging Analytics to Address the Opioid Crisis

The unpredictability of the illicit drug market leads to challenges for drug users who struggle to assess substance potency, contributing to a high rate of overdose globally. To address this, the University of Victoria's drug-testing service, leveraging cutting-edge technology since 2018, offers a rapid, confidential, and anonymous solution. Use the lessons learned in this study to find parallels in your own research project. Walk away with an action plan on:

- Identifying how tech can enable drug users to make informed decisions based on substance composition
- Exploring the integration that hardware, data collection, and machine learning algorithms to provide valuable insights
- Pioneering the future of point-of-care drug analysis platforms

Adapt your community technology solutions to impact the opioid crisis.

Dennis Hore, Professor, Chemistry and Computer Science, **University of Victoria, Canada**

3:15 PM **EXHIBITOR LOUNGE: ATTEND VENDOR DEMOS & CONSULT INDUSTRY EXPERTS**

- Enjoy **exclusive sponsor demos** and experience the next level of data analytics innovation firsthand.
- Meet one-to-one with leading solution providers to **discuss organizational hurdles.**
- **Brainstorm solutions** and gain new perspectives and ideas.

TRACK 1	TRACK 2
3:45 PM **INDUSTRY EXPERT: TALENT POOLING**	**3:45 PM** **INDUSTRY EXPERT: DECISION INTELLIGENCE**

Unlock the Power of Healthcare Data Scientists

In the past decade, the demand for data science talent has led to high salaries and challenges in finding and retaining skilled professionals. To cope, some firms are reskilling their existing staff for data-related roles, but careful consideration is needed for internal hiring, particularly in early big data projects. Take back to your office strategies to:

- Evaluate whether you truly need a data scientist or not
- Determine when it is more appropriate to hire external consultants
- Develop reskilling or upskilling programs internally

Advance your talent acquisition strategy to build a strong data project team.

Discover What's Next in Clinical Analytics…Say Hello to Decision Intelligence

The analytics landscape is evolving with an abundance of data and an increasing focus on data-driven processes. Adapt to this changing environment by integrating legacy clinical intelligence and analytics tools, prioritizing scalable data ingestion, ease-of-use, and forward-looking analytics. Create a roadmap to:

- Grasp the key characteristics of Decision Intelligence (DI) and their significance in decision-making
- Implement an integrated DI platform to introduce predictive analytics effectively into your organization
- Adopt the HIMSS analytics model

Enhance the quality of your decision-making processes to mitigate risks.

AGENDA - DAY 1

December 6, 2023

4:15 PM   CASE STUDY: ARTIFICIAL INTELLIGENCE

Resuscitate your emergency department with AI and clinical automation

Explore real-life success stories from the Hospital for Sick Children (SickKids), showcasing how AI and clinical automation are reshaping patient care, improving outcomes, and streamlining processes. Review cutting-edge applications that hold the potential to revolutionize emergency medicine through automation. Walk away with an action plan to effectively address systemic issues like prolonged emergency department wait times and mitigating associated adverse outcomes.

- Overcoming key limitations to AI in the current landscape
- Address systemic issues – prolonged emergency wait times
- Mitigate the associated adverse outcomes

Revolutionize your healthcare system with clinical automation

Dr. Devin Singh, Physician Lead, Clinical Artificial Intelligence and Machine Learning Emergency Medicine Division, **Sickkids**

4:45 PM   CLOSING KEYNOTE: OPERATIONAL EFFICIENCY

Drive Strategic Operational Efficiencies with Data

Holland Bloorview Kids Rehabilitation Hospital (HB) provides care to kids and youths with disabilities and complex medical needs focusing on their physical, mental and emotional well-being. HB has taken an insight driven approach to address some of the challenges they are facing and developed an understanding of the key drivers behind increasing wait-times, and waitlists, by reviewing not just the internal service delivery model but also by analyzing the changing demographic landscape, including social determinants of health and their impact on these key measures. This session will demonstrate how you can:

- Analyze spatial patterns for patients and use data to strategically open new office clinic locations
- Overlay community disability data and socio-economic data elements to understand where these services are needed the most
- Reduce patient wait-times and optimize clinician resources

Allocate resources to the programs in need and improve access to care.

Pakizah Kozak, Chief Information Officer, Information Management and Technology, **Holland Bloorview Kids Rehabilitation Hospital**

Irene Andress, Vice President, Programs and Services and Chief Nursing Executive, **Holland Bloorview Kids Rehabilitation Hospital**

Sri Vijay Bharat Peddi, Manager, Decision Support and Data Analytics, IMT, **Holland Bloorview Kids Rehabilitation Hospital**

5:10 PM   CLOSING COMMENTS FROM YOUR HOST

Review the key solutions and takeaways from today's sessions. Source a summary of action points to implement in your work. Discuss tomorrow's highlights!

5:15 PM   EVENING RECEPTION: ENJOY GREAT CONVERSATION, MUSIC & NETWORKING

- **Relax and unwind** with tasty cocktails after a long day of learning.
- Don't miss your chance to win fun prizes at our **Reception Gift Giveaway.**
- Make dinner plans with your **new connections** and explore the best of what Toronto nightlife has to offer. Just be sure to set your alarm for Day 2!

6:15 PM   CONFERENCE DAY 1 ADJOURNS

AGENDA - DAY 2

December 7, 2023

7:45 AM   NETWORKING BREAKFAST: BUILD COMMUNITY CONTACTS

- Start your day off right and connect with **data analytics leaders.**
- Get to know your **industry peers** and colleagues over a delicious breakfast.
- Source practical tips, discuss **best practices** and prepare for the day ahead.

8:45 AM   OPENING COMMENTS FROM YOUR HOST

Gain insight into today's sessions so you can get the most out of your conference experience.

9:00 AM   OPENING KEYNOTE: POPULATION HEALTH MANAGEMENT DATA

Leverage the Power of Integrated, Individual-Level Population Data to Proactively Support the Health and Wellbeing of Full Populations

Collect, store, analyze and manage data related for full populations and sub-groups to enhance various aspects of healthcare. Utilize this data for better integrated systems of care, pro-active care management, health system design, epidemiological studies, health resource planning, and continuous quality improvement. Adopt best practices to:

- Establish interoperability standards and protocols for seamless data exchange between healthcare providers, public health agencies, and other stakeholders
- Conduct health equity data analysis
- Develop data governance policies and procedures to guide the responsible and ethical use of population data

Achieve informed evidence-based decision-making to address disparities in healthcare outcomes.

Gina Johar, Vice President and Chief Digital Officer, **Quinte Health**

Matthew Meyer, Senior Director, **London Health Sciences Centre,** Assistant Professor, Department of Epidemiology and Biostatistics, **Western University** and Population Health Lead, **Middlesex London Ontario Health Team**

Anne Wojtak, Lead, Integrated Care, **East Toronto Health Partners**

9:30 AM   CASE STUDY: DATA IN MENTAL HEALTH

Harness Advanced Analytic Applications to Improve Outcomes in Mental Health

In the mental health context, the application of advanced analytics to strengthen care delivery has been relatively limited compared to other fields of medicine. Learn about strategies, and lessons learned, through two featured applied initiatives to improve outcomes and service delivery with predictive analytics. Find out how Ontario Shores:

- Developed an early alerting system to help mitigate readmissions for individuals with a primary diagnosis of schizophrenia using data from consumer wearables
- Optimized treatment selection by using predictive analytics
- Clinicians are able to assess case complexity and optimal service delivery modality

Transform your mental health service delivery and outcomes to significantly enhance patient care.

Vincci Tang, Chief Finance Officer, **Ontario Shores Centre for Mental Health Sciences**

Marsha Bryan, Director, Data, Analytics and Quality, **Ontario Shores Centre for Mental Health Sciences**

10:00 AM   INDUSTRY EXPERT: DATA PRIVACY

Overcome the Challenges to Protect Your Health Information in a New Era

Data protection in healthcare demands collaborative efforts among healthcare providers, organizations, technology vendors, and regulatory authorities to safeguard patient privacy and maintain trust in the healthcare system. Guarantee the confidentiality and security of sensitive patient information. Walk away with an action plan on:

- Understanding your legal and ethical obligations to protect patient data confidentiality and privacy
- Implementing robust data security measures, including physical, technical, and administrative safeguards
- How to gain informed consent and authorization

Adapt how you protect and utilize your patient data to guarantee the security of patient information and build trust.

10:30 AM   ROUNDTABLES → DISCOVER THOUGHT-PROVOKING IDEAS

Take a deep dive down the innovation rabbit hole in one of our roundtable discussions. Share common challenges and best practices with your data analytics peers on a topic of your choosing:

1. **M&A:** Organizational redesign to improve operational agility
2. **Embedded Stewardship and Ownership:** Guiding the health system as a whole
3. **Data Categorization:** Organize data in a structured and meaningful way
4. **Learning Health Systems (LHS):** Close the gap between evidence-based research and real-world clinical practice
5. **Mitigating Cyber-Attacks:** Prioritize your cybersecurity efforts to combat the increased sophistication of data breaches
6. **Healthcare-at-Home:** Ramp up your virtual offering

AGENDA - DAY 2

December 7, 2023

11:00 AM EXHIBITOR LOUNGE: VISIT BOOTHS & SOURCE EXPERTISE

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- Schedule **one-to-one private meetings** for personalized advice.

TRACK 1

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11:30 AM CASE STUDY: INTELLIGENT AUTOMATION

Navigating the Big Pivot from Analytics to Automation

This exciting and impactful transition can streamline your processes, reduce human error, improve efficiency, and improve efficiency in supply chain management. Find a balance between leveraging advanced technologies and maintaining a human-centered approach. Walk away with an action plan to:

- Define your strategy and objectives for automation
- Implement small-scale pilot projects to test and refine the chosen automation solutions
- Regularly monitor your performance and foster a culture of continuous innovation

Achieve a culture of continuous innovation to plan for the future.

Joe Dudas, Division Chair, Supply Chain Management Innovation and Planning, **Mayo Clinic**

11:30 AM CASE STUDY: PATIENT JOURNEY MAPPING

Discover How to Build a Strong Governed Foundation

Discover how to build a governed integrated data foundation that provides a reliable 'Single Source of Truth.' Learn how to make it iterative and scalable with actionable steps you can implement in your organization today. Master the success factors to:

- Integrate information seamlessly between different systems and data holdings
- Enable multi-dimensional and advanced analytics capabilities
- Empower insight-driven decision making at all levels of your organization

Reduce inefficiencies in your processes to enhance data governance.

Ladan Dadgar, Director, Data Governance and Analytics, Decision Support, Health Information Management and Business Intelligence, **Grand River Hospital**

TRACK 1

TRACK 2

12:00 PM INDUSTRY EXPERT: MACHINE LEARNING

MODELS Deploy and Manage Deep ML Models at Scale

What do organizations need to understand and have in place to deploy ML models at scale while minimizing risk? Tackle the common challenges faced by organizations when scaling ML model deployment and discover how you can overcome them. Source practical tips to:

- Create, deploy, monitor, and manage an ML model through a real-life use case illustration
- Perform practical tasks, including training models on pre-processed datasets
- Deploy model artifacts to gain insights into model decision-making processes

Enrich your understanding of ML model deployment to achieve sustainability.

12:00 PM INDUSTRY EXPERT: BEST CARE EXPERIENCES

Uncover Important Patient Interactions Throughout the Care Journey with Personalized Medicine

Connected health has the potential to significantly benefit each step of the patient journey, yet less than 20% of use cases progress beyond proof of concept. Adopt digital, technical, and collaborative capabilities required to realize connected health. Create a roadmap to:

- Enhance your functionality to deliver better care to your patients
- Increase business agility and optimization
- Personalize the patient experience and journey

Master hyper-personalized patient experiences that prioritize individual needs and preferences.

12:30 PM NETWORKING LUNCH: DELVE INTO INDUSTRY CONVERSATIONS

- Meet interesting speakers and pick their brains on the **latest industry issues.**
- **Expand your network** and make connections that last beyond the conference.
- Enjoy great food and service while engaging with your **data analytics colleagues.**

1:30 PM EXHIBITOR LOUNGE: VISIT BOOTHS & WIN PRIZES

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December 7, 2023

TRACK 1	TRACK 2

1:45 PM — PANEL: ERECORD TRANSITION

Learn How to Successfully Navigate the Transition Process and Harness the Benefits

Transitioning to electronic medical records (EMRs) offers numerous benefits, including improved efficiency, accessibility, data integration, and patient care. Successfully transition to EMRs with careful planning, stakeholder involvement, and a well-executed strategy. Source practical tips to:

- Develop a comprehensive plan and strategy
- Assess current workflows to identify areas for improvement and optimization
- Migrate and convert existing paper-based medical records to electronic format

Improve your patient care and operational efficiency with eRecords to streamline healthcare processes.

Andre Picard, Health Columnist, **The Globe and Mail** `MODERATOR`

1:45 PM — PANEL: GEO-ANALYTICS

Address Health Inequities and Enhance Population Health Management Strategies through Geographical Information Systems (GIS) Technology (Geo Analytics)

The link between communities, places, and health is well established, and variations in place characteristics can explain differences in health inequalities. Place-based analysis, exemplified in the Southlake Community OHT's Geo-Analytics project, provides a valuable perspective to comprehend the health needs of local communities, assess gaps in health service accessibility, and identify intervention opportunities. Adopt best practices to:

- Utilize place-based analysis and geospatial tools at the local level
- Enhance your understanding of the attributed population
- Deliver improved population health management strategies

Optimize your insights into targeted health interventions to reduce disparities.

Gayle Seddon, Director, Community Programs and Partnerships, **Southlake Community Ontario Health Team**

Farzin Bahadori, Digital Health Lead, **Southlake Community Ontario Health Team**

Dr. Paul Peters, Associate Professor in the Department of Health Sciences, **Carleton University**

TRACK 1	TRACK 2

2:15 PM — INDUSTRY EXPERT: CLOUD INFRASTRUCTURE

Efficient Data Storage, Processing and Collaboration for Improved Patient Outcomes

The healthcare industry can greatly benefit from cloud infrastructure, which offers scalability, flexibility, and cost-efficiency. Leverage cloud infrastructure effectively for your healthcare data analytics. Achieve a step-by-step action plan to:

- Ensure secure and scalable storage options for healthcare data
- Optimize costs by paying only for the resources and services utilized
- Handle increased data volumes and accommodate fluctuating workloads

Leverage your cloud infrastructure to generate valuable insights into patient behaviour.

Senior Representative, Snowflake

2:15 PM — INDUSTRY EXPERT: REAL-TIME DATA

Improve the Quality Of Medical Services and Ultimately Patient Outcomes

The ultimate goal in healthcare is to save lives, reduce hospital stays, and foster healthier communities through preventive care. Real-time analytics plays a crucial role in achieving these objectives. Develop a blueprint to:

- Centralize information to enable real-time decision-making
- Achieve patient-doctor synergy
- Help individuals in maintaining their health and anticipate unforeseen health issues

Advance your predictive analytics in real-time to improve patient outcomes and drive preventative care strategies.

AGENDA - DAY 2

December 7, 2023

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2:45 PM — CASE STUDY: DATA GOVERNANCE

Implement Robust Data Governance Practices to Maintain Data Privacy and Security

By establishing and implementing key policies, processes, and controls you can ensure the appropriate and secure management of healthcare data throughout its lifecycle. Ensure standards, rules, and practices governing data collection, storage, access, usage, sharing, and protection within healthcare organizations. Take away specific solutions to:

- Clearly define data ownership and stewardship
- Protect patient privacy and ensure data security
- Establish data quality standards and procedures

Bolster management and control of your organization's data assets to uphold data integrity and compliance.

Michael Harvey, Information and Privacy Commissioner, **Office of the Information and Privacy Commission (OIPC)**

3:15 PM — EXHIBITOR LOUNGE: ATTEND VENDOR DEMOS & CONSULT INDUSTRY EXPERTS

- Enjoy **exclusive sponsor** demos and experience the next level of data analytics innovation firsthand.
- Meet one on one with leading solution providers to discuss **organizational hurdles.**
- **Brainstorm solutions** and gain new perspectives and ideas.

2:45 PM — CASE STUDY: ADVANCED ANALYTICS

Has Progress on Data and Advanced Analytics Adoption stalled?

Throughout COVID-19 we saw countless examples of how data-driven decision making led to better outcomes. Organizations embraced business intelligence tools and advanced analytics to make those data-informed decision on a daily basis during the pandemic. Since then, are we advancing adoption or have we stalled or even regressed? Discuss some key challenges and considerations for breaking the barrier to analytics adoption:

- Are we working on the right problems?
- Are we hardwiring analytics into our workflows & key processes?
- Are we designing analytics solutions that enable our end users?

Building the right organizational capabilities to connect data to decision making

Terra Ierasts, Director, Performance Improvement & Excellence, **University Health Network (UHN)**

3:45 PM — INDUSTRY EXPERT: REGULATION AND COMPLIANCE

Discover How Regulators Can Use Data to Protect Patients

Effectively protecting patients' information and your organization requires a data-led approach combined with innovative technology. Identify the tools and platforms you need to spot risky firms, emerging threats, and market changes earlier. Create a roadmap to:

- Understand the available technology and its capabilities
- Explore how patients can be protected
- Understand the benefits and challenges of implementing data-led approaches

Perfect your organization's approach as data-led and future ready to maintain a competitive edge.

4:15 PM — CLOSING KEYNOTE: PEER HOSPITAL COLLABORATION

Establish Valuable Partnerships to Foster Cooperation and Knowledge Sharing

Collaboration among hospitals can lead to improved patient care, enhanced operational efficiency, and cost savings. Work together to leverage each other's strengths, overcome individual limitations, and collectively improve patient outcomes, operational efficiency, and the overall quality of healthcare services. Master the success factors to:

- Share clinical best practices to standardize and optimize care delivery across all participating hospitals
- Pool resources, expertise, and data for collaborative research and innovation
- Initiate quality improvement initiatives and benchmarking programs

Advance how you deliver collaborative healthcare to elevate the patient experience.

4:45 PM — CLOSING COMMENTS FROM YOUR HOST

Review the key solutions and takeaways from the conference. Source a summary of action points to implement in your work.

5:00 PM — CONFERENCE ADJOURNS

"

"The event keeps getting better each year. Some very informative presentations today."

University of Waterloo

"

"Very interesting presentations covered a wide variety of topics which were very relevant to our hospital and the direction we are going in."

100 Ontario Shores

"

"Very interesting, well-researched topics of presenters, knowledgeable... good organization of the conference. Great overall exposure to the industry."

Ontario Health

"

"Good for the first timer. Good to see people outside of Ontario and the diversity of attendees."

Canada Wealth Infoway

"

"Interesting to see what others are doing and how we might be able to adopt models of delivery. We all have the same issues, limitations and constraints, it's beneficial to see what we can do and how we can leverage our colleagues and counterparts from other jurisdictions."

Cancer Care Ontario

"

"I got important, insightful and an understanding of how to develop data analytics for our clients in health homecare and dentistry."

Cyper

11th Annual Summit on

DATA ANALYTICS
FOR HEALTHCARE

December 6–7, 2023
The Old Mill, Toronto, Ontario

How to Register

IN-PERSON PASS

FULL TWO-DAY ACCESS:
Take advantage of keynote sessions, panel discussions, case studies, interactive roundtables and one week of pre-event networking via our dedicated platform

FACE-TO-FACE NETWORKING:
Connect and build valuable relationships with our audience of thought leaders

5-STAR TREATMENT:
Enjoy the complimentary breakfast, lunch, and cocktail reception, all within one stunning location

EXPO HALL:
Form lasting business partnerships, test drive the latest solutions and gather exclusive content from industry-leading experts

SPEAKER PRESENTATIONS:
Take home PowerPoints and white papers addressing your biggest challenges

ON-DEMAND ACCESS:
Conveniently rewatch any session for up to 3 months after the event

VIRTUAL PASS

TWO-DAY LIVE STREAM ACCESS:
Tune into keynote sessions, panel discussions and case studies with real-time Q&A from the comfort of your home

VIRTUAL NETWORKING:
Connect and build valuable relationships with our audience of thought leaders through topic message boards, interactive roundtables, and one-on-one discussions via our private messaging tool

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Form lasting business partnerships, test drive the latest solutions and gather exclusive content from industry-leading experts

SPEAKER PRESENTATIONS:
Take home PowerPoints and white papers addressing your biggest challenges

ON-DEMAND ACCESS:
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REGISTER NOW

In-Person Pass	
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Virtual Pass	
Early Bird Expires on November 3rd	**$995 CAD**
Regular Price	**$1,195 CAD**

GROUP RATES

To be eligible for group rates, delegates MUST register at the same time.

For more information and to book your group passes, contact

Vlad Serenko
Delegate Sales Executive
Email: vlad@strategyinstitute.com

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