Meet + Network + Learn From:

Hetal Rupani,
Assistant Director of Clinical Analytics,
Johns Hopkins Hospital

Ann Cavoukian,
Distinguished Expert-in-Residence - Privacy by Design Centre of Excellence,
Ryerson University - Privacy and Big Data Institute

Mary Lou Ackerman,
Vice President, Innovation,
Saint Elizabeth Healthcare

Tara Coxon,
Chief Information Officer,
St. Joseph's Healthcare Hamilton

Andrew Pacey,
Director, Data Analytics & Reporting, Health Benefits,
First Nations Health Authority

Matthew Murphy,
Director, Performance, Analytics and Accountability,
Nova Scotia Health Authority

Take away key strategies:

✔ Embed data driven decision-making
✔ Innovate your analytic processes
✔ Secure support for analytics
✔ Drive operational efficiencies
✔ Communicate with data visualization
✔ Forecast future analytics needs
✔ Ensure critical information privacy

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HealthDataSummit.com
Welcome to the 7th National Summit on Data Analytics for Healthcare, Canada’s leading analytics event for healthcare. Join us at this one-stop-shop for fresh perspectives from the top minds in Canada and the United States on navigating your organization through the increasing volume, variety, and velocity of healthcare data.

Acquire the latest approaches to cultivating a data driven decision-making culture, optimizing your resources, and leveraging your data into actionable strategies. Unlock your potential to provide improved patient outcomes at lower costs. Don’t miss this opportunity to source the insights that will put you at the forefront of healthcare.

We look forward to seeing you at this exclusive and practical event, packed with actionable insights and takeaways!

Sincerely,

Your Data Analytics for Healthcare Summit Team
Strategy Institute

WHAT’S NEW THIS YEAR

✓ Insights from Johns Hopkins Hospital
✓ An in-depth case study on analytics and patient privacy
✓ International roster of speakers
✓ New insights into Data 3.0

EVENT IN NUMBERS

15+ CASE STUDIES
20+ SPEAKERS
14+ HEALTHCARE ORGANIZATIONS
2 DAYS
150+ ATTENDEES

Register Today by Calling 1 866 298 9343 x 200
TAKE AWAY 10 SOLUTIONS TO YOUR CHALLENGES:

1. **Automation/AI:** Maximize your resource efficiency
2. **Cost-efficiency:** Adapt methods that increase ROI
3. **Predictive analytics:** Anticipate patient needs to plan accordingly
4. **Data 3.0:** Translate big data into actionable information
5. **Data Standardization:** Streamline data for better information
6. **Performance Management:** Pinpoint your performance gaps
7. **Organizational Buy In:** Create analytics support throughout your organization
8. **Privacy:** Keep your patient information confidential
9. **Data Visualization:** Communicate findings using innovative approaches
10. **Strategy:** Develop a cohesive analytic approach

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| Data Analyst | Data Scientist
| Head of IT | Medical Office of Science and Technology | Research & Programs

- Acquire best practices to improve your analytics strategy
- Target challenges to privacy, quality and visualization
- Enhance data to inform decision-making

GOVERNMENT

Minister of Health | Health Policy Development | Health & Long Term Care | Public Health | Quality Assurance & Performance | Population Health | Information Management | Data Analyst | Data Scientist

- Converse directly with healthcare providers and data scientists
- Understand industry sentiment and challenges
- Engage in educational and illustrative discussions

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- Showcase your industry leadership in the healthcare sector
- Determine opportunities for future business
- Expand your network of industry stakeholders and decision-makers

Register Online at HealthDataSummit.com
DAY ONE
MONDAY, DECEMBER 10TH, 2018

7:45 AM  Opening Comments from the Chair

8:45 AM  Registration and Breakfast

9:00 AM  Keynote Address: Foster a Culture of Improvement

Apply Analytics for Continuous Process Improvement to Maximize Your Resources
Johns Hopkins Hospital took a self-service analytics and LEAN approach to improve patient placement turnaround time by reducing bed down time. Identify how analytics played a key role in process improvement support to maximize your organization's resources. Get new ideas:

- Leverage BI tools for data discovery
- Use data to innovatively solve the problem
- Use data visualization to tell a story and get buy-in

Close the gap between perception and reality through self-service analytics.

Hetal Rupani,
Assistant Director of Clinical Analytics,
Johns Hopkins Hospital

9:30 AM  Case Study: Nova Scotia Health Authority

Promote a Culture of Data Driven Decision Making to Improve Patient Outcomes
Achieving a successful integration of analytics within your organization requires developing a culture committed to measurement. Cultivate a strategy to embrace analytics in your organization. Source best practices to:

- Reduce common pushback to analytics to gain your organizational support
- Break down your silos to improve information sharing
- Craft your feedback processes to improve performance and accountability

Embrace and enhance a culture of analytics to improve your delivery of care.

Matthew Murphy,
Director, Performance, Analytics and Accountability,
Nova Scotia Health Authority

9:00 AM  Keynote Address: Foster a Culture of Improvement

10:00 AM  Industry Expert: Intelligent Data Software

How to Leverage Next Generation Intelligent Data Systems to Improve Patient Outcomes
The healthcare industry continues to undergo a data explosion, and the need to convert data into actionable insights has never been greater. Harness your data to better engage patients, empower care teams, optimize clinical and operational effectiveness and transform the care continuum. Create a roadmap to:

- Start using an analytics platform
- Translate data into insights you can implement
- Innovate your healthcare analytics process

Use analytics software to translate data into action.

Peter Jones,
Industry Lead – Healthcare, Microsoft Canada

10:45 AM  Morning Break

Register Today by Calling 1 866 298 9343 x 200

9:00 AM  Case Study: Alberta Health Services

Navigate Your Data to Improve Your Organization's Patient Care and System Performance
There is more than enough data in our healthcare system, but it can be challenging to link this data to improving patient outcomes and system performance. Harness tools, such as machine learning and predictive analytics, to transform the way you use data and analytics. Get new ideas:

- Eliminate or limit "optional" data collection to reduce uninterpretable data sources
- Ensure all unit-level, site-level, and system-level outcome data can be tracked back to individual patients and their outcomes
- Develop reproducibility criteria for analysis and reporting

Develop strategies to turn your data into actionable insights.

Allan Ryan,
Director of Clinical Analytics, Alberta Health Service

11:15 AM  Case Study: Nova Scotia Health Authority

11:15 AM  Case Study: Alberta Health Services

Keynote Address: Foster a Culture of Improvement

Embed Privacy into Your Operations or Risk Losing the Use of Patient Data
Privacy should not act as a barrier to data utility, health research, security, or innovation. Abandon zero-sum thinking! Proactively identify the risks and embed necessary protective measures into your design and data architecture. Apply Privacy by Design (PbD) to:

- Build privacy and data utility into your analytics projects
- Employ an ethical framework in your work
- Enable privacy and freedom to work together in the future

Achieve the highest privacy standards to protect your patients' information.

Ann Cavoukian,
Distinguished Expert-in-Residence – Privacy by Design Centre of Excellence,
Ryerson University – Privacy and Big Data Institute

10:45 AM  Morning Break

Register Today by Calling 1 866 298 9343 x 200
Learn from FNHA’s Experiences to Develop Your Own Analytics Infrastructure

Every healthcare organization is at a different point in their analytics journey. Map out your own organization’s analytic processes to deliver improved patient outcomes. Get new ideas to:

- Expand your analytics capabilities
- Identify the factors of success in starting an analytics program
- Understand potential risks and challenges

Build a analytics foundation to ensure your projects are successful.

Andrew Pacey,
Director, Data Analytics & Reporting, Health Benefits,
First Nations Health Authority

Leveraging Real Time Data to Improve Your Healthcare Responsiveness

Data lag creates issues in any analytic process but in healthcare timeliness is especially critical. Amplify your decision making speed to improve healthcare outcomes. Gain insight on how to:

- Integrate real time data into your processes to maximize response times
- Reduce your communication barriers to provide effective healthcare service
- Minimize inefficiencies to improve your performance and accountability

Integrate your immediate data into actionable insights to improve your delivery of care.

David Wiljer,
Executive Director of Education, Technology & Innovation,
University Health Network

12:15 PM
Thought Leadership with Health Catalyst

Dan Schuman,
Vice President, Sales,
Health Catalyst

Ensure Data Quality Assessment and Improvement to Advance Your Analytics

Data preparation and management is crucial in delivering accurate analytics. Discover unexpected insights in your databases to identify problem areas and opportunities for improvement. Get new ideas to:

- Develop a process to ensure data quality
- Extract new and important variables
- Identify outliers and anomalies

Change the way you process data to drive success in an increasingly data-driven world.

Shirley Fenton,
Vice President, National Institutes of Health Informatics

Angela Copeland,
Director, Data and Analytics for Healthcare, Cancer Care Ontario

Jan Walker,
Vice President of Strategy, Innovation, and Chief Information Officer, West Park Healthcare Centre

“Constructive conversations and data quality and DQ culture change.”

John Bartle-Clar, Vancouver Island Health Authority

Register Online at HealthDataSummit.com
2:30 PM Case Study: Ontario Ministry of Health and Long Term Care

Build a Data Science Program to Improve Efficiencies

The Ontario Ministry of Health and Long Term Care has been striving to augment their analytical capacity by developing data science capabilities. Learn about the MOHLTC’s journey to develop a data science program in order to help your organization utilize these exciting and promising techniques. Learning objectives will include:

- Analyze lessons learned from establishing a data science capability within the ministry
- Identify potential applications of AI and related machine learning approaches
- Review case studies for data science applications within healthcare organizations

Utilize data science applications to make effective data-driven decisions.

Michael Hillmer,
Executive Director, Information Management, Data, and Analytics,
Ontario Ministry of Health and Long Term Care

3:00 PM Afternoon Break

3:30 PM Case Study: Niagara Region Public Health

Apply Data Analytics to Direct Population Health Programs in Public Health

Using analytics, NRPH lead an in-depth analyses into the region’s engagement with health services. Acquire insights into your region’s health to deliver improved patient care. Get insights to:

- Develop a dashboard to examine infectious diseases
- Apply hot spot analyses to obtain further insights
- Partner with local organizations to undertake initiatives

Derive new insights on your analytic projects from public health initiatives.

Sinead McElhone,
Surveillance and Evaluation Manager,
Niagara Region Public Health

4:00 PM Case Study: Data Warehousing

Integrate Data from Multiple Sources in your Data Warehouse to Improve Patient Care

There are so many potential sources of data, making data integration a challenge. Pull all of your information into your data warehouse to improve your patient care. Master the success factors to:

- Streamline how you view your data
- Leverage your complex data to improve care in your healthcare facility
- Organize your data into patient personas so you can anticipate patient needs

Use data integration to improve how you plan patient care.

Glenn Kissman,
Corporate Director, Strategic Information,
Interior Health Authority

4:30 PM Spotlight: Cybersecurity

Improve Your Data Security to Reduce the Risk of Privacy Breaches in Your Organization

June 2018 brought news of yet another Canadian healthcare services company falling victim to a cyberattack. Ensure your sensitive patient information is secure to remain a trusted institution. Create a roadmap to:

- Identify and rectifying your institution’s technological weak spots
- Adjust your organization’s infrastructure to respond to technological threats
- Implement preventative best practices to avoid attacks on your data

Enhance your data security toolbox to protect your important patient information.

4:45 PM Afternoon Address: Out of the Box Perspective

Unlock the Potential of Data and Analytics to Deliver Results

The sports industry uses analytics and data visualization in a variety of contexts. Discover how data and analytics can improve performance and drive success. Gain insights to:

- Determine the kinds of data and optimization problems encountered on the business side of a professional sports organization
- Use visualizations throughout the data analysis process, from data exploration to communicating results to key stakeholders

Realize what the world of sports can teach you about data-driven decision making.

Brian MacDonald,
Director of Hockey Analytics,
Florida Panthers

5:15 PM Conference Adjourns to Day Two – Evening Cocktail Reception

Don’t miss this exclusive end-of-day gathering with conference speakers and attendees! Unwind, mingle and build relationships that will benefit you in the years to come. Bring your business cards.

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Great organization of the content, diversity of audience and excellent speakers.

Shilin Zhoa, CMPA
11:30 AM  Case Study: Toronto Central LHIN

Take a Population Health Approach to Local Planning to Prepare Healthcare Providers
The Toronto Central LHIN uses socio-demographic and health utilization data to engage providers in collaborative discussions on challenges in the healthcare system. Develop an approach to align data and strategy to ensure providers are meeting patient needs. Get insights to:
• Identify regional planning priorities by utilizing health and non-health data
• Put data in the hands of health providers in a meaningful way
• Engage in conversation about the data for shared problem solving in practice

Realize the many ways analytics can shape your planning.

Alvin Cheng,
Director of Health Analytics and Innovation,
Toronto Central Local Integrated Health Network

11:30 AM  Case Study: CAMH

Implementing a Concurrent Disorder Screening Tool to Enable Data-driven Decision Making
CAMH recently implemented a new screening tool to identify positive screens for a variety of mental health and addiction domains at the point of intake. Get insights to:
• Using standardized and validated screeners to better understand clients and appropriately disposition them
• Utilizing population data for future service planning
• Demonstrate the power of data and analytics to discover meaningful and actionable insights

Anna Chyjek,
Senior Project Manager, Clinical Projects,
Enterprise Project Management Office,
Centre for Addiction and Mental Health

12:00 PM  Networking Lunch

Plenary Sessions Continue

1:00 PM  Interactive Session: Birds of a Feather
Gain insights from your industry peers and benchmark your organization against others in this interactive session. Delegates will be divided into informal discussion groups based on their areas of interest.

“Flock together” to brainstorm innovative approaches to your most pressing challenges.

1:30 PM  Case Study: West Park Health Centre

Unlock the Potential of Big Data to Inform Your Healthcare Programs
Big Data has the potential to be a large part of your organization’s decision-making process. Leverage data to make decisions that will transform your organization’s efficiencies and care delivery. Create a plan to:
• Develop strategic objective for your organization
• Specify the information you need from your data
• Identify the data you have and data you need

Develop a strategy to position yourself as a data-driven organization.

Jan Walker,
Vice President of Strategy, Innovation, and Chief Information Officer,
West Park Healthcare Centre

2:00 PM  Spotlight: Data as a Service

Prepare your Data for AI with Data as a Service to Drive Operational Efficiencies
AI is transforming how we use data. Use Data as a Service to reduce your deployment time for large-scale data transformation projects and streamline your processes. Source practical tips to:
• Use Data as a Service to prepare you for using AI more effectively
• Reduce the time you spend on data projects
• Improve your data governance internally

Capitalize on Data as a Service to streamline your operations.

2:15 PM  Afternoon Break

2:45 PM  Case Study: Data 3.0

Approach Data as a Valued Asset to Gain Insights and Take Action
Data has been typically perceived as a by-product of business activity, but we need to shift away from this mindset to better prepare for the future. Transform the way you use data to support next-generation technology. Get new ideas to:
• Create a foundation for artificial intelligence and machine learning
• Build the basics for predictive analytics
• Translate Big Data into actionable information

Saint Elizabeth Health Care is creating a future where Canadians age with agency, vitality, and dignity.

Mary Lou Ackerman,
Vice President, Innovation,
Saint Elizabeth Health Care

Register Today by Calling 1 866 298 9343 x 200
Develop an Enterprise Data Strategy to Transform Your Organization Overnight

St Joseph’s Healthcare had implemented Dovetale as part of their Enterprise Data Strategy and moved from full paper based environment to a digital environment. Develop a data strategy that will increase your organizational business intelligence maturity. Takeaway strategies to:

- Connect with organizational leaders and stakeholders to create a vision for enterprise data
- Design a program to meet the needs of corporate reporting, quality and research in an academic hospital
- Set realistic and achievable next steps

Realize the power of enterprise data strategy to effectively manage your limited data in a centralized manner.

Tara Coxon, Chief Information Officer, St. Joseph’s Healthcare Hamilton

Leveraging Linked Data for Innovation

Larry Svenson, PhD, FRSPH, Provincial Health Analytics Officer, Alberta Health

Benefits of staying at the hotel include:

- **Networking:** Onsite social activities for conference attendees and speakers.
- **Services and Amenities:** Relax and rejuvenate your body and mind at the Spa at the Old Mill. Choose from the many indulgent options or create your customized package.
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- 10% CEO, CPO, CTO
- 10% Clinical Informatics/Information
- 25% Other Senior Healthcare Professionals

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Early Bird special: Expires on August 31st, September 28th & October 26th, 2018. Cannot be used with group discount.

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