



Executive Program Advancing the Application of AI in Healthcare

In an era where AI's role in healthcare is rapidly expanding, staying ahead is a challenge. AI's growing applications are evolving at an unprecedented pace, leading to groundbreaking innovations and new challenges. As a healthcare leader, you will be at the forefront of making decisions about AI's application and navigating its complexities.

This **two-day program** is designed to equip you with knowledge and skills to help you position your organization to be AI-ready. It offers insights that enable you to ask the right questions and understand the implications of adopting AI in your organization. Upon completion, you'll be equipped to confidently navigate discussions, make informed decisions, mitigate risks, and understand AI's immediate and long-term impacts.

Date: Day 1: Friday June 7, 2024; Day 2: Friday June 14, 2024

Location: McMaster University Ron Joyce Centre, Burlington (in person)

Price: \$2,950 + HST

Program Outcomes:

- Confidence in discussing the concepts, capabilities and risks of artificial intelligence with a specific focus on applications in healthcare settings;
- Evaluate the risks of artificial intelligence alongside benefits to hospital administration;
- Connect with other healthcare leaders facing similar challenges and opportunities;
- Evaluate regulatory frameworks and requirements for AI with attention to privacy, data security and governance;
- Prepare to plan artificial intelligence projects in the hospital setting for operational efficiencies: from concept to implementation;
- Create a roadmap for success tailored to your organization's unique needs;
- Learn ChatGPT to maximize benefits for your organization.

Who Should Attend:

- Mid-level, senior managers, and executives in the healthcare sector (hospital and industry);
- Medical Directors and Clinical Leaders;
- Healthcare Administrators and Policymakers.



Program Overview
Day 1: June 7, 2024

9:00AM-10:15AM

Foundational Concepts in Artificial Intelligence

- High-level understanding of AI, and its current capabilities and limitations;
- History of AI from barcoding to ChatGPT and key concepts;
- Generative AI, foundational models, common conversational tools;
- AI trends and strategies.

10:15AM-10:30AM - Break

10:30AM-12:00PM

Capabilities and Use Cases

- What *can* generative AI and machine learning do?
- What are some existing use cases in health care that draw on these capabilities?
- How institutions have successfully implemented AI and learn from some of their notable failures.

12:00PM-1:00PM - Lunch

1:00PM-2:15PM

Building an AI Ready Organizational Culture

- Developing AI literacy across the organization;
- Integrating AI into existing and new roles.

2:15PM-2:30PM - Break

2:30PM-4:00PM

Governance, Regulation, and Risk

- Risks of AI including bias, hallucinations, and how to protect privacy and data security.



Program Overview
Day 2: June 14, 2024

9:00AM-10:15AM

Leveraging AI for Operational Efficiencies

- Prepare your institution for achieving operational efficiencies using AI;
- How to make informed decisions and understand AI's immediate and long-term impacts.

10:15AM-10:30AM - Break

10:30AM-12:00PM

Continuation of Leveraging AI for Operational Efficiencies

- Practical use cases with hands-on experience

12:00PM-1:00PM - Lunch

1:00PM-2:15PM

Creating your custom GPT

- Hands on experience using ChatGPT-4, including optimal prompting and the use of custom GPTs.

2:15PM-2:30PM - Break

2:30PM-4:00PM

Roundtable on Pathways for Implementation of AI

- Implementation road map for success.