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Introducing the Ottawa Medical AI Research Institute

The Ottawa Medical AI Research Institute (OMARI) is a new initiative from the Faculty of Medicine (FoM) to provide focused attention on AI research and education, as well as the application of AI in research and education. The first phase of OMARI's program is to identify the available resources and capabilities that can be leveraged across departments and institutes to address key challenges. AI researchers face a common set of challenges, including access to data (externally as well as internally), access to sufficient compute, establishing adequate data governance over their data holdings, recruitment of students and trainees with the necessary expertise, and providing advanced AI educational opportunities to faculty and trainees. Furthermore, the length of time it takes traditional funding avenues to make decisions is not compatible with the fast pace in this field. This makes identifying alternative sources of funding an important priority.

The OMARI team will share information and capabilities on these topics, and will focus our efforts on addressing the biggest gaps to enable FoM AI researchers. Our main means of communication and dissemination will be the OMARI website and this newsletter. We are also working with the Ottawa Hospital Research Institute (OHRI) to expand their very informative webinar series, the Journal Club, as another means of reaching our community.

We invite you to visit and bookmark the OMARI website and to check back regularly for updates.

Unlock the Power of Health Data

ARCHIMEDES



Accessing health data for research can be a major challenge — it's often siloed, difficult to navigate, expensive, or tied up in complex approval processes. These barriers slow down innovation and limit our ability to deliver timely, evidence-based healthcare solutions.

That's where ARCHIMEDES comes in.

The Advanced Research Collaboration for Health Integration, Medical Exploration, and Data Synthesis (ARCHIMEDES) is a national health data platform designed to transform how researchers collect, manage, analyze, and share health data.

Whether you're conducting public health surveillance, analyzing population trends, or developing new clinical interventions, ARCHIMEDES offers three tiers of access — open, controlled, and restricted — to ensure flexible, secure, and privacy-compliant use of diverse datasets. From publicly available health data to highly sensitive clinical records, researchers can access and work with this information faster, smarter, responsibly — and at no cost.

The ARCHIMEDES platform is available to uOttawa Faculty of Medicine researchers. Want to explore how ARCHIMEDES can support your research?

Contact us at ARCHIMEDES@ottawaheart.ca or visit our webpage: ARCHIMEDES – The Eureka moment for healthcare

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ARCHIMEDES Conference

Join us on **October 7, 2025** at the Canadian Health Data Platform Summit in Ottawa to learn how ARCHIMEDES is transforming access to health data across Canada, removing barriers, and enabling meaningful collaboration so you can focus on what matters most: driving real-world impact.

Declare your interest in the Canadian Health Data Platform Summit.

New Funding Opportunities in Medical AI



OMARI connects researchers, clinicians and learners with funding and grant opportunities that support AI-related health education, research and innovation.

There is currently an open Call for Proposals for 2025 Artificial Intelligence (AI) Seed funding. Funded by the AI Knowledge Translation Fund, the program aims to support new and ongoing research initiatives that will enhance the uOttawa Faculty of Medicine's AI capacity. The program will consider applications of up to $10,000 for projects to be completed over one year. Applications are due **October 6, 2025**.

Find information on the 2025 AI Seed Funding in the Funding Opportunities and Competitions section of the OMARI website, and check back regularly for updates and other opportunities.

Ottawa Symposium for AI in Health Research

October 23, 2025

Canadian Museum of Nature



Ottawa's health research community is gathering to explore the role of AI in health.

Organized by the Health AI and Data Science (HAD) Program at the Ottawa Hospital Research Institute, this full-day, in-person event will involve presentations, interactive sessions and networking across disciplines and institutions. The symposium will cover four themes:

- Innovations and methodologies in AI for health and biomedical research
- Enhancing research effectiveness through AI: From synthesis to implementation
- AI in practice: Transforming clinical and research landscapes
- Ethics, equity, and regulation in AI for health

This is an opportunity to connect with peers across disciplines and institutions; share insights on emerging AI applications in health research; discuss innovations, implementation challenges and ethical considerations; and foster future research collaborations.

The event is by invitation only and is designed for health researchers and data scientists, clinicians using or exploring AI tools, administrators and research staff.

Find more information about the Ottawa Symposium for AI Health Research.

Please express your interest in participating.

AI and You: Navigating the Future of Healthcare



Save the date! Where we are now, what's ahead, and what might the future hold is the theme for a special public event hosted by the Health AI and Data Science (HAD) program at the Ottawa Hospital Research Institute. Taking place the night before the above-mentioned symposium—**October 22, 2025** from 7:00 to 8:30 p.m. at the Canadian Museum of Nature, the hybrid program will feature four presenters on how AI is being integrated into healthcare, followed by a panel discussion and audience Q&A. The event will highlight how AI impacts patient care today and what it means for the future. Watch for registration details coming soon to the OMARI website and in the next edition of this newsletter!

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Institut de recherche en IA médicale d'Ottawa
Ottawa Medical AI Research Institute

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Make sure to follow us on LinkedIn.

Know of initiatives, events or resources we should feature on the OMARI website or in a future edition? Email iriamO-OMARI@uottawa.ca.

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