

Call for Abstracts Guidelines

AI4PH AI FOR
PUBLIC
HEALTH

Research and Implementation Symposium
July 20–21, 2026 | Montreal, Canada | In-Person Only

Deadline to Submit:
April 24, 2026

Notification of Acceptance:
May 15, 2026

[Click here to submit](#)

Presentation Format & Submission Content Guidelines

RESEARCH PRESENTATIONS — Oral and Poster

Original research intended to advance knowledge of AI in public health. Priority will be given to studies that rigorously evaluate AI methods addressing clearly defined and significant public health priorities. Research must have clear applicability to addressing a public health priority.

Abstracts submitted as oral presentations may subsequently be considered for poster presentations if not accepted for the oral presentation format.

The abstract submitted should not exceed 350 words. You are encouraged to submit abstracts based on methods as well as content. For submissions on works in progress in which the results will not be complete by the conference dates, describe anticipated results or impacts.

IMPLEMENTATION REPORTS — Oral and Poster

Descriptions and/or evaluations of innovative AI implementations in real-world public health settings. Submissions must clearly articulate the public health problem, describe the AI-enabled approach, and reflect on practical considerations, governance implications, and lessons learned.

The abstract submitted should not exceed 350 words. Use the Approach section to describe the initiative and its innovative nature, and the Results section to describe the anticipated or observed results or impacts.

WORKSHOPS — Oral (half-day or full-day)

Half- or full-day hands-on sessions focused on methods in AI relevant to public health. Workshops should provide participants with practical skills and knowledge they can apply directly in their work. The abstract submitted should not exceed 350 words. In the Background section describe experience with the workshop content (e.g., prior workshops, papers) and in the Approach section include a short bio of presenter(s).

SUBMISSION CONTENT GUIDELINES

To facilitate peer review, all abstracts must be submitted in a structured format with four sections:

- Background and objectives (75-word limit)
- Approach (100-word limit)
- Results (125-word limit)
- Conclusion (50-word limit)

Please be sure to read the instructions and important details carefully below.

Visit the AI4PH website for more details about the symposium
<https://ai4ph-hrtp.ca/>

Questions?
Contact Vicki Price
vicki@f2fe.com

Evaluation Criteria for Oral and Poster Presentations

Using a blind review process, the Scientific Committee will review presentations using the following criteria.

RESEARCH PRESENTATIONS & IMPLEMENTATION REPORTS (ORAL & POSTER)

- Significance and relevance to public health or public health practice
- Appropriateness, transparency, and rigor of the AI methods used
- Real-world applicability (for implementation reports)
- Clarity and quality of submission

WORKSHOPS (HALF-DAY OR FULL-DAY)

- Experience and qualifications of the presenting team with the proposed content
- Relevance of the material to public health practice or research

Abstract Themes and Methods

Submitters will identify which areas of focus best describe the abstract being submitted.

THEMES

- Automation and optimization of public health workflows using AI
- Applications of AI for public health surveillance, including forecasting
- Risk stratification and population segmentation to inform planning and resource allocation
- Use of AI for health communication with the public
- Data standards, interoperability and infrastructure to support AI readiness
- AI safety, reliability, and monitoring in real-world public health settings
- Workforce development and organizational readiness for AI adoption
- Implementation of practical approaches to improve equity, mitigate bias, and improve fairness in AI systems
- Community-engaged AI initiatives

METHODS

- Supervised and Unsupervised Machine Learning
- Natural Language Processing and Text Mining
- Foundation Models and Large Language Models
- Agentic AI and Autonomous Systems
- Geospatial, Remote Sensing, and Environmental AI
- Predictive Modelling and Risk Stratification
- Causal Inference and Explainability
- Simulation and Synthetic Data Generation
- Fairness, Bias Detection, and Algorithmic Equity
- AI Governance and Regulatory Frameworks
- Privacy-Preserving and Federated Methods
- Human-Centred and Participatory AI Design

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Instructions and Important Submission Information

- Submissions for abstracts (oral or poster) must identify the contact information for the submitter as well as the contact information for the presenter (if they are not the same person).
- Abstracts describing research involving Indigenous peoples are to include a brief statement of compliance with Chapter 9 of the Government of Canada's Tri-Council Policy Statement on Ethical Conduct for Research Involving Humans (TCPS2) — Research Involving First Nations, Inuit, and Métis Peoples. Abstracts describing research involving First Nations people must also include a brief statement of compliance with the First Nations Principles of Ownership, Control, Access, and Possession (OCAP).
- All abstracts must be submitted using the online abstract submission system and within the deadlines advertised.
- Avoid specialized jargon and undefined abbreviations. Do not include tables, figures, diagrams, footnotes, references, or acknowledgements in the text of the abstract.
- All presenters accepted through the abstract submission process and/or presenting at the conference must register and pay the conference registration fee. In addition, if the accepted presenter invites co-presenters to present with them, they must also register and pay the conference registration fee.
- Authors are encouraged to submit scoping reviews as poster presentations (only) as opposed to oral presentations.
- For implementation report submissions, authors may present as a group, but the lead presenting author must attend the conference.
- Accepted abstracts will be published online and made available to conference delegates.
- French submissions are encouraged! Presenters are permitted to submit and present in the official language of their choice.
- Abstracts are to be presented in the format for which they are accepted, which may be different than what was submitted.
- Names of authors and organizations must not appear in the abstract to allow for blind peer review.
- In an effort to be transparent and to promote learning, reviewer feedback is available upon request and will be provided if the reviewer provided feedback during the review process.

IMPORTANT INFORMATION FOR ACCEPTED PRESENTERS

- Although there is no limit to the number of abstracts an author or team may submit, an individual presenter may be limited to 1–2 presentations to provide as much opportunity to members of our community to participate as a presenter. For that reason, we encourage principal researchers to offer members of their team the opportunity to present at the conference if submitting multiple abstracts for the same projects. Registration of the presenter is mandatory for final program inclusion.
- In the event a presenter is unable to attend the conference to present their accepted abstract, a substitute presenter may be provided. However, the substitute presenter cannot be an existing presenter at the conference of another oral or poster presentation.

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