

ANNUAL SYMPOSIUM

of Institut nordique du Québec
HEALTH – CLIMATE – ENVIRONMENT



Institut
nordique
du Québec
Together for the North

MAY 12–13, 2025 | CŒUR DES SCIENCES | UQAM

An event hosted by Valérie Borde
science journalist

MONDAY MAY 12, 2025

8 h **Welcome of participants**

8 h 30 **Opening remarks**

Amélia Tekwatonti McGregor | Kanien'kehá:ka elder and Honorary Doctor in Sciences

8 h 45 **Event introduction**

Brigitte Bigué | Director of operations, INQ

Jean-Éric Tremblay | Scientific Director, INQ

9 h **Conference | What keeps births in Nunavik?**

Hilah Silver | Postdoctoral Researcher, Department of Family Medicine, McGill University

Aileen Moorhouse | Midwifery Coordinator, Midwife at the Inukjuak Birthing Center Inuulitsivik Health Center (IHC)

Samantha Leclerc | Midwife, Salluit Birthing Center, IHC

9 h 30 **Presentation on the health research request process of the Cree Board of Health and Social Services of James Bay (CBHSSJB)**

Mercedes Yanes | Research Coordinator, CBHSSJB

9 h 45 **Conference | Presentation of the Network of Rural and Remote Communities in Health (CARES)**

Cathy Vaillancourt | Professor at the Centre Armand-Frappier, INRS and Director of CARES

10 h **Health Break**

PARTNERS

UQAM | Université du Québec
à Montréal

Centre universitaire
de santé McGill
Institut de recherche



McGill University
Health Centre
Research Institute



10 h 30 Panel | Achieving health equity through representation: Indigenous people on front lines of northern healthcare from Nunavik to Alaska

Faiz Ahman Khan | Respiriologist, Researcher, and holder of INQ-McGill Northern Research Chair on Respiratory Health Services Optimization

Ben Geboe | Researcher, RIMUHC

Glenda Sandy | Nurse Advisor, Regional Board of Health and Social Services, Researcher, RI-MUHC

Michael Bakker | Training Instructor, Community Health Aid Program (CHAP) Alaska Native Tribal Health Consortium (ANTHC)

Richard Lincoln | Community Health Practitioner, Training Instructor, CHAP, ANTHC

11 h 45 Conference | The potential of the “double-view” approach to biocultural conservation

Marie-Michelle Voyer | Research Officer, Centre d'études en responsabilité sociale et écocitoyenneté

12 h Lunch

13 h 15 My Northern Project / Mon Projet nordique science popularization contest | Provincial component
Each student has 5 minutes to present his or her northern research project

Michaël Thibault | M.Sc. Candidate in Earth Sciences, INRS

Sous nos pieds, une chaleur insoupçonnée : la géothermie aux Territoires du Nord-Ouest

Gabriel Bergeron | PhD candidate in biology, Université Laval

Les lemmings savent-ils faire la vague? Un capteur passif pour mesurer la variation spatio-temporelle de l'abondance des micromammifères

Elisabeth Guillet-Beaulieu | PhD candidate in Biological Sciences, UdeM

Abeille-toi, il fait froid! : Caractérisation des insectes pollinisateurs du Nunavik

Victorine Lambert | M.Sc. Candidate in Renewable Resources, McGill University

Dans l'assiette des épaulards : une enquête isotopique en Arctique

Maëla Le Ménéec | PhD Candidate in Oceanography at ISMER (UQAR), in a Cotutelle Program with the PhD in Marine Geology at IUEM

La biographie d'un glacier cachée dans la bouette

Cindy Dumais | PhD Candidate in Microbiology, ULaval

Air du Nord : quand les moisissures s'invitent

Ysaline Bacon | M.Sc. Candidate in Earth Sciences and Renewable Energy, Dual-Degree Program, INRS

Géothermie profonde : peut-elle remplacer le diesel au Nunavut?

Marie Launay | PhD Candidate in Marine Biology, McGill University

La morue polaire dans un Arctique qui se réchauffe : morphologie, génétique et résilience

Justine Labelle | M.Sc. Candidate in Biology, Université de Montréal

Surveiller la contamination aux éléments de terres rares en région minière subarctique

PARTNERS

Thomas Allard | M.Sc. Candidate in Engineering, UQAC
[Protéger l'éolien du givre : une approche expérimentale](#)

Alexandrine Roy | M.Sc. Candidate in Public Health with Thesis, ULaval
[Comment les antioxydants dans les aliments traditionnels pourraient contrer les effets néfastes du méthylmercure sur les globules rouges des Nunavimmiut](#)

Camille Slack | PhD Candidate in Geography, Université de Montréal
[Développement de l'infrastructure routière et la sécurité alimentaire communautaire dans l'Arctique canadien : impacts de la route Inuvik-Tuktoyaktuk](#)

Mathilde Duval | PhD Candidate in Water Engineering, ULaval
[Eau potable dans les réservoirs domestiques au Nunavik : portrait de la qualité et stratégie de nettoyage](#)

Tristan Martin | M.A. Candidate in International Studies – Security Profile, ULaval
[Coopération ou confrontation : les motifs derrière la stratégie russe dans les institutions arctiques](#)

Andres Cardona Paniagua | M.Sc. Candidate in Engineering, UQAC
[Neige intelligente : comment l'apprentissage automatique protège les avions du froid](#)

Vincent Morrier | M.Sc. Candidate in Architecture, ULaval
[Construire pour déconstruire et réassembler : vers la conception d'habitations favorisant l'autonomisation des communautés inuit du Nunavik](#)

Julie Cambron | M.Sc. Candidate in Water Sciences, INRS
[Comprendre le gel des lacs canadiens : une histoire de données manquantes](#)

15 h 15 **Health Break**

15 h 45 **Conference | Variety, Acceptability, Feasibility: Towards Living Environments Adapted to the Resources and Aspirations of Inuit Communities in Nunavik**

Myriam Blais | Professor, École d'architecture, ULaval

Samuel Boudreault | Research Professional, École d'architecture, ULaval

Marie-Pier Breton | Northern Development and Built Environment Advisor,
Analysis and Strategy Department, Société d'habitation du Québec

16 h **Conference | Consideration of building adaptability to complex sites**

Jeremie Loeub | Senior Advisor, Northern Projects, STGM architecture

Stephan Langevin | Practice Manager – Design, Associate Architect, STGM architecture

16 h 15 **Conference | Architecture for indigenous healing: local initiatives and integrated design**

Emmanuelle Lauzier | Associate architect

Alain Fournier | Architect, Principal, Director, EVOQ Architecture

17 h 30 **Networking cocktail**

Announcement of winners selected for the international finals of the **My Northern Project** contest

PARTNERS

TUESDAY MAY 13, 2025

8 h **Welcome of participants**

8 h 30 **Opening remarks**

Jean Lemire | Envoy for Climate Change and Northern Issues, Gouvernement du Québec

8 h 45 **Panel | Climate Disruptions on the Nitassinan of Pessamit: How the Diversity and Sharing of Knowledge (Traditional, Indigenous, and Scientific) Serve as a Means to Act Together in the Face of the Socio-Environmental Crisis?**

Adélar Benjamin | Member of the Pessamit Innu Council, Territories and Resources sector

Jérôme Bacon St-Onge | Vice-Chief of the Pessamit Innu Council

Marie-Michèle Ouellet-Bernier | Graduate of Institut des sciences de l'environnement and member of CEN 2021-2024

Philippe Gachon | Professor, Department of Geography, Quebec University in Montreal (UQAM)

9 h 45 **Conference | Open-Air Burning: An Environmental Challenge for Nunavik**

Ghita Amor | Environmental Project Manager, Kativik Regional Government

Nathalie Tremblay | Senior Infrastructure Advisor

10 h 05 **Health Break and Scientific Poster Session**

10 h 35 **Conference | Environmental Justice and the Arctic: The Imperative of Decolonized Governance**

Sabaa Khan | Executive Director, Quebec and Atlantic, David Suzuki Foundation

10 h 55 **Conference | Nuna Research Nunavik's Research Services**

Monica Nashak Insalaco | Fondatrice de Nuna Research

11 h 15 **Conference | A Pilot Geothermal Project at the Kuujuaq Forum**

Jasmin Raymond | Professor at the Eau, Terre, Environnement Centre of INRS and Holder of the INQ Research Chair on the Geothermal Potential of the North

11 h 30 **Conference | Water, sanitation and health in Greenland and Nunavik**

Yassen Tcholakov | Clinical Lead in Infectious Diseases, Nunavik Regional Board of Health and Social Services

Judith Y.A. Maréchal | Postdoctoral Researcher, Department of Civil and Water Engineering, Université Laval

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11 h 45 **Conference | Inuit Cultural Practices and Justice Institutions in Nunavik: From Well-being to Social Harmony**

Caroline Hervé | Professor, Department of Anthropology and Holder of the Research Chair on Relations with Inuit Societies, ULaval

12 h **Lunch and Scientific Poster Session**

13 h 30 **Choice of activities:**

- 1) Workshop | Indigenous medicine bags (limited spaces), **Sylvie Thisselmagan**, Innu Elder Artist
- 2) Film Screening | *Beyond her Horizons* – V.O.A. **Jessica Houston, Mariah Erkloo**, Directors

14 h 45 **Panel | Exploring the connection between population well-being and energy challenges in Nunavik**

Louis Gosselin | Professor, holder of the Canada Chair on energy efficiency research, Department of mechanical and industrial engineering, ULaval

Caroline Duchaine | Professor, Holder of the Canada Research Chair in Bioaerosols, Department of Biochemistry, Microbiology, and Bioinformatics, ULaval

Daniel Gordon Baril | PhD Candidate in Building Engineering, Concordia University, REMIROCaN Advanced Solar Integration Team

Sandrine Lachance | Land Use Planning Coordinator, Renewable Resources Department, Kativik Regional Government (KRG)

15 h 30 **Conference | From Kalaallit Nunaat to Inuit Nunangat, Arctic cod declines affect species essential to well-being, culture, and food security**

Caroline Bouchard | Professor, Department of Biology, ULaval

15 h 45 **Conference | Nunavik Sentinels: Documenting the Biodiversity of Northern Pollinators and Supporting Indigenous Youth Leadership Through Participatory Research and Education**

Amélie Grégoire-Taillefer | Entomologist and Coordinator of the Nunavik Sentinels Community Science Project at the Montreal Insectarium

16 h **Event Recap and Presentation of the INQ Strategic Plan 2025-2030**

Brigitte Bigué | Director of Operations, INQ

Jean-Éric Tremblay | Scientific Director, INQ

René Therrien | Professor and Director of the Department of Geology and Geological Engineering, ULaval

16 h 30 **Closing remarks**

Amélie Tekwatonti McGregor | Kanien'kehá:ka elder and Honorary Doctor in Sciences

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