

Call for Participation

Innovation Think Tank Pan-Canadian Certification Program

September 12th - 17th, 2022

Hosted by **Siemens Healthineers Canada in partnership with University of Montreal Hospital Research Center (CRCHUM)**

What is an ITT Certification Program?

Following the institutionalization of [Innovation Think Tank](#) (ITT) in Canada in 2021, an ITT Certification Program will be organized across Canada, hosted by Centre de Recherche du Centre hospitalier de l'Université de Montréal (CRCHUM). The program is led by Prof. Sultan Haider, Founder and Global Head of ITT, and his team. ITT is a global infrastructure of co-creation labs and programs established at Siemens Healthineers, universities and hospital sites. The program trains participants about the innovation management methodologies derived out of Prof. Haider's vast experience of establishing and running ITT Labs worldwide and driving numerous interdisciplinary projects between locations. The participants learn co-implementation approaches by working on real-life healthcare challenges.

Program Agenda

Participants can join virtually via MS Teams or in-person at CRCHUM

Sep 12th

Innovation Training

Innovation management in practice, experiential learning, team building and task assignment

Sep 13th & Sep 16th

Ideation and Development

Teamwork, individual feedback sessions with Prof. Haider, inputs from key experts

Sep 17th

Outcome Exhibition

Review of the results, elevator pitch preparation, final presentation and

Who can apply?

Students (undergraduate or graduate) **and researchers** from all Canadian institutions and disciplines are welcome to apply, especially

Engineering

Biomedical/Mechanical/Industrial/Electrical/Computer

Management

BBA/MBA/Media Science and Communication/Psychology

Medicine

MBBS/ MD/Dentistry/ Radiology/Nursing

Application Procedure

1. [Click here to apply](#) or scan the QR code:
2. Email your resume to itt-certification-program.team@siemens-healthineers.com



Application Deadline

- **August 31st, 2022** (Please apply early since applications are processed on a rolling basis, program is free to all participants)
- Announcement of the results: September 1st, 2022

Awards

- All participants will receive a e-certificate of participation
- The top 3 prizes will be awarded : 1st place team total of \$600, 2nd place team total of \$300, 3rd place team total of \$150.

For any query & information

Please contact itt-certification-program.team@siemens-healthineers.com



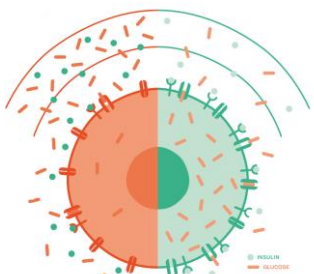
WORKSTREAM

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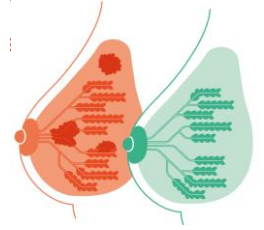
Step 1 Participants select one of the targeted disease pathways



DIABETES AND METABOLIC SYNDROMES



ORGAN TRANSPLANTATION



BREAST & GENITO-URINARY CANCERS



NEURO-DEGENERATIVE DISEASES
(Alzheimer's, dementia, etc.)



CARDIOVASCULAR DISEASES



STROKE MANAGEMENT



LIVER CANCER



MUSCULOSKELETAL DISEASES

Step 2

Apply the following technology and clinical innovations along selected disease pathway, create and provide implementation proposals of futuristic scenarios to stakeholders within the Canadian hospitals and healthcare system



Digital Hospital and Digitalization

How does efficient IT integration/digitalization (e.g. scheduling, EMR, PACS, RIS, etc.) and virtual/remote care help to address the current challenges in staff burnout and improve patient experience?



Image-guided Interventions

(when applicable)

What are the potential improvement areas in treatment planning and path guidance of image-guided interventions? What are the impacts on patient outcomes?



Clinical Implementation of AI

Explore applications of AI in workflow optimization (e.g. clinical decision support tools, automated screening, patient referrals, human resource and equipment management, predictive maintenance, etc.) and methods for different levels of algorithm validation



Cancer Journey

(when applicable)

How can we tackle current challenges in the cancer journey (e.g. from screening → treatment → survivorship) to improve quality care and patient outcomes?