



## 2022 Innovation Nation Conference & Student Innovation Showcase

**Sunday, October 23rd - LiUNA Station, Hamilton, ON**

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**7:45 am**      **Registration Opens – Main Lobby**

**Location:**      **Grand Central Ballroom**

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**8:30 am**      **Dr. Mehran Anvari, Scientific Director, CSii**  
*Opening Remarks and Introduction of the Student Innovation Showcase*

**8:45 am**      **Melissa Farrell, President, St. Joseph’s Healthcare Hamilton**  
**Title:**            *“Innovation at St. Joseph’s Healthcare”*

**9:15 am**      **Dr. Karolina Papera Valente, CEO & CSO VoxCell BioInnovation**  
**Title:**            *“Human-like Vascularized Cancer Tissue Models”*

**9:45am**      **Dr. Tak Mak, Senior Scientist, Princess Margaret Hospital, University Health Network, (UHN) Advanced Medical Discovery Institute**  
**Title:**            *“Scientific Trajectories: How do you find and solve important problems?”*

**10:10 am**      **Dr. Mehran Anvari - Student Innovation Showcase Participants**

**10:30 am**                    **Refreshment Break - Grand Central Ballroom**

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**10:50 am**      **Cameron Dickenson, Space Science Researcher, MDA**  
**Title:**            *“Surveying One of the Oldest Objects in Our Solar System: Asteroid Bennu”*

**11:20 am**      **Kirt Costello, Chief Scientist & Research Integration Deputy Manager, NASA, International Space Station**  
**Title:**            *“The Decade of Results: Capitalizing on the Investments On the ISS for the Benefit of Humanity”.*

**11:50 am**      **Annie Martin, Health Beyond Portfolio Manager, Canadian Space Agency**  
**Title:**            *“Healthcare Beyond the Horizon”*

**12:20 pm**                    **Luncheon Break**

**12:50 pm**      **Dr. Richard Hughson, Schlegel Research Chair in Vascular Aging and Brain Health, University of Waterloo**

**Title:**            *“Astronaut Cardiovascular Health in Space: Parallels with Aging on Earth”*

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**1:15 pm**      **Jason Michaud, CEO, Stardust Technologies**

**Title:**            *“The Serenity Project – Using virtual reality to support astronauts well-being and mental health”*

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**1:40 pm**      **Leyla Soleymani, Canadian Research Chair (Tier 11) in Miniaturized Biomedical Devices**

**Title:**            *“Advanced Materials for Improving Healthcare”*

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**2:05 pm**      **Claudia, Krywiak, President & CEO, Ontario Centre of Innovation**

**Title:**            *“Where Next Happens”*

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**2:30 pm**      **John Preston, Associate Dean, Research, Innovation and External Relations, Member of the Faculty of Engineering and Physics, McMaster University**

**Title:**            *“Driving Innovation in a Modern University: The Challenge Ahead”*

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**2:55 pm**      **Jeffrey McIsaac, Dean of Engineering and Aviation, Mohawk College**

**Title:**            *“The Importance of Risk Tolerance in the Race for Innovation”*

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**3:20 pm**      **Qiyin Fang, Professor and Canada Research Chair in Biophotonics, Department of Engineering, McMaster University**

**Title:**            *“Advanced optical imaging for biomedical applications”*

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**3:45 pm**      **Imran Gulamhussein, Student Presentation**

**Title:**            *‘Mapping the earth from space: Using satellite imagery and machine learning to monitor ecological change.’*

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**4:15 pm**      **Dr. Mehran Anvari – Presents Showcase trophies**