Canadian Medical Hall of Fame
Discovery Days in HEALTH SCIENCES

PRESENTED BY

Association Médicale Canadienne | Canadian Medical Association | MD Financial Management | Scotiabank

100 Kellogg Lane, Unit 10, London ON N5W 0B4 T. 519.488.2003 cdnmedhall.ca

McGill University & The Neuro
Tuesday, December 1, 2026

WORKSHOP CATALOGUE

CODE	TITLE	DESCRIPTION	AM	PM	PRESENTER(S)
B01	***A Career in Physiotherapy: Stroke and Cardiac Rehab*** *Participants will walk to and from Hosmer -about 15 min*	This presentation will introduce students to the profession of physiotherapy. We will explore the way stroke affects the brain and how to assess the sensorimotor deficits associated with this condition. We will also examine the role of physiotherapy in cardiac rehabilitation, including how exercise and education are used to support recovery and improve cardiovascular health following cardiac events.	**22**	**0**	**Marie-Hélène Boudrias & Mariane Bertagnolli**
B02	***Tour of the Ingram School of Nursing's Simulation & Satoko Shibata Clinical Nursing Laboratories*** *Participants will walk to and from 680 Sherbrooke west - about 15 min*	Tour of the simulation rooms and laboratories. Demonstration of simulation manikins, and clinical practice equipment. Potential for hands-on manipulation. Ongoing opportunity for attendees to ask questions about healthcare, nursing, the Ingram School of Nursing, and/or the lab itself.	**30**	**0**	**Émilie Villeneuve, Allyssa Zeagman & Catherine Leblanc**
B03	***Occupational Therapy: Changing Lives through Art, Science and a Vision of Possibilities***	Learn about the diverse field of Occupational Therapy that provides solutions that facilitate participation in everyday living. Students will have the opportunity to learn how Occupational Therapists enable occupational choice, participation, and promote health with clients across the lifespan.	**20**	**0**	**Madeleine Bonnard & Cynthia Perlman**
A01	***Suturing and Ultrasound***	In this hands-on workshop, you will learn the basics of suturing by practicing different stitching techniques on silicone mannequins using surgical instruments. You will also be introduced to ultrasound and learn the fundamentals of imaging by taking turns playing the roles of both patient and physician. As a highlight, you'll get to see a beating heart in real time using ultrasound!	**6**	**6**	**Claire Gapare, Dipannita Purkayastha & Jules Chassé**
A02	***From fruit to DNA***	In this worklshop you will extract DNA from real fruit (banana) using easy materials you already have at home.	**10**	**0**	**Annick Guyot, Seyed Vasegh & Danielle Simons**
A03	***NextGen Santé: Building the Next Generation of Public Health Leaders***	In this fun and interactive workshop, high school students will discover the often-invisible role of public health in our everyday lives, the difference between medical care and public health, how epidemiologists investigate disease outbreaks, spot patterns and uncover why some communities are healthier than others. Through real-world examples and hands-on activities, students will explore	**0**	**30**	**Fatoumata Balde, Mahak Arora & Anabel Selemon**

CODE	TITLE	DESCRIPTION	AM	PM	PRESENTER(S)
		how data, science and critical thinking can help solve health mysteries and tackle health challenges. They'll also discover that public health is about much more than hospitals and medicine—it's about creating healthier communities and giving everyone a fair chance to be healthy. Finally, they'll hear from recent graduates about their journeys into public health and the diverse career paths that make a difference in people's lives.			
A04	***Cracking Cancer's Code: What Cancer Research is Really Like***	In this workshop, we will introduce you to the hallmarks of cancer and the characteristics that make it such an intricate, complex, and maybe even fascinating disease. You will hear about what cancer research is all about, from the perspective of two graduate students studying two different types of cancer. We will also have a career activity, where we can learn about all the different professions under the umbrella of research, including many professions we do not often hear about.	**0**	**25**	**Meagan Cobb & Emma Starr**
A05	***Physiotherapy: Our Role in Acute Neurological Care***	Discover the role of physiotherapy in neurological care. Learn how stroke affects the brain, how physiotherapists assess changes in movement and sensation, and how they help patients recover and regain function. Will include hands-on demonstrations.	**20**	**0**	**Allison Jacobson**
A06	***Hospital Tours and Interactive Sessions Led by MUHC Nurses and Educators***	A hands-on introduction to the nursing profession, including hospital tours and interactive sessions led by MUHC nurses and educators.	**8**	**8**	**Emilie Gravel**
A07	***Heart-in-a-dish: The journey to building a heart***	Ever wondered if scientists can grow heart cells in a lab? If so, look no further! In this workshop, you will dive into the fascinating world of regenerative medicine by learning how induced pluripotent stem cells are generated from patient white blood cells. You will then learn how these reprogrammed cells can be differentiated into any cell type found within the adult human body, specifically focusing on cardiomyocytes. You will walk through the life of a graduate student at McGill and learn how McGill-led research can potentially transform the medical world.	**16**	**0**	**Bryan Lung**
A08	***Tour Maude Abbott Medical Museum***	Visit and tour of the Maude Abbott Medical Museum	**0**	**25**	**Richard Fraser**
A09	***The Road to Pain***	This workshop will explain the multi-disciplinary approach to pain research, including basic and clinical science perspectives. A panel of students who study pain at the Alan Edwards Centre for Research on Pain (AECRP) will present interesting aspects of their research, with an emphasis on the multiple different avenues of science future researchers may be interested in pursuing.	**20**	**20**	**Sid Parkinson**

CODE	TITLE	DESCRIPTION	AM	PM	PRESENTER(S)
A10	***The ♥of the Matter: Let's Talk about Women's Heart and Vascular Health***	This workshop will spark conversation among the students about women's heart health. Our interactive session will: 1. Outline the rationale as to why women's heart and vascular health is important. 2. Describe the anatomy of the heart, different heart and vascular diseases, how women's hearts are different than men's, how women's symptoms of a heart attack can be different than men's, and what they can do to help. 3. Describe healthy behaviours to encourage the prevention and management of heart and vascular diseases. 4. Identify resources to learn more and the steps for acting and advocating for women's heart and vascular health at your school and in your community.	**0**	**25**	**Shannon McNamara**
A11	***Weight, fertility and Disease***	In this workshop you will have a chance to understand the close connection between weight disorders (under and over) and fertility in men and women. The consequences of the impact on health over the long-term will be discussed. Patient examples will be shown.	**18**	**21**	**David Morris**
A12	***Say Less But Mean More - The Daily Life of a Medical Speech-Language Pathologist***	Brain tumor-related tissue damage, strokes, bleeds, neurodegenerative diseases can all have an impact on the ways our patients are able to express their thoughts and needs. Many struggle with communicating; addressing grief, loss of autonomy and being an active participant in your own medical care are of outmost importance in the acute care context. Speech-Language Pathologists are the professionals involved in assessing and treating communication deficits - the skills required in order to understand questions, instructions, fill out forms, read information booklets, send and receive text messages, express basic needs and complex thoughts. This workshop will explore the challenges associated with communication deficits our patients deal with as well as discuss ways in which the people around them can support their self-expression. It will include various activities targeting increasing awareness of the impact communication difficulties can have on a person's well being.	**0**	**25**	**Calder Levine & Estefania Alvarez**
A13	***See Inside the Human Body: A Hands-On Ultrasound Experience***	Ever wondered how doctors can see inside the human body without surgery? In this interactive workshop, students will discover how ultrasound technology is used in medicine to visualize organs and other structures in real time. With guidance from trained medical student instructors, participants will learn how to use an ultrasound probe and practice basic scanning techniques on volunteers. No prior knowledge or experience is required!	**0**	**15**	**Leonaes Brahel**
A14	***Inside the Brain: How Imaging Shapes Neuroscience and Guides Surgery***	Step inside the world of brain imaging at The Neuro. Learn how scientists use the BigBrain atlas, MEG scanners, and advanced tools from the NeuroImaging and Surgical Technologies Lab to map the brain in remarkable detail. Discover how these technologies help researchers understand brain function, guide neurosurgery, and improve care for people with neurological disorders. You'll also learn how fields like computer science, engineering, neuroscience, and medicine come together in this exciting area of research.	**30**	**0**	**Marc Lalancette, Etienne Leger & Claude Lepage**