

University of Manitoba
Thursday, November 7, 2024

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

WORKSHOP CATALOGUE

CODE	TITLE	DESCRIPTION	AM	PM	PRESENTER(S)
A01	<i>Does Eating an Apple a Day Actually Keep the Doctor Away? Unraveling Health Insights from Population Data</i>	You've likely heard news reports about the health risks and benefits of various lifestyle choices and personal circumstances, such as how low income, vaping, and alcohol can increase your risk of heart disease, or how exercise and a healthy diet can reduce your chances of developing diabetes. Have you ever wondered how these conclusions were reached and how reliable they are? In this workshop, you'll learn from experienced researchers—whose work has recently been featured on CTV News—who will demystify how such health research studies are conducted. Get ready for exciting group competitions where you'll vie for prizes! You'll gain hands-on experience exploring the impact that personal characteristics, such as income level, can have on health; and learn to tackle common challenges in population-based health research. Join us for an enlightening workshop where you'll gain insights into research careers within the health sciences, sharpen your critical thinking skills, and learn to scrutinize population health research findings effectively!		30	Amani Hamad Barret Monchka Razieh Dorostimotlagh
A02	<i>Pathology - An Intersection Between Art, Science and Medicine</i>	In this workshop, students will: 1) Listen to a talk on how Pathology serves as the unifier of the sciences, art and medicine 2) The role that pathologists play in health care 3) Pathway to follow to pursue a career as a pathologist		52	Nnenna Ofoegbu
A03	<i>A Day in the Life of a Microbiologist</i>	Do you think medical research may be for you? This workshop will expose you to a day in the life of a medical microbiologist where you will visit an HIV and anti-microbial resistance lab. You will gain hands-on experience in various lab techniques used in the study of HIV and anti-microbial resistance and tour a Level 2 Containment Laboratory where research is being conducted on viruses such as HIV and Flu.	20		Natasha Hollett Keith Fowke Denice Bay
A04	<i>An Evolving Career in Dentistry</i>	In this workshop we will discuss pursuing a career in Dentistry. Over the years dentistry has continued to evolve into many diverging pathways covering a wide variety of different specialities. After a brief presentation, we will lead the students in a hands-on activity exploring commonly used dental materials in a general practice.	20		Vanessa H.M. Hunzinger Cristina Fiuza
A05	<i>Unlocking Potential Through</i>	Join us for an exciting and interactive workshop designed to spark your interest in the world of nutrition and dietetics!	30	32	Jessica Rutherford

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	Nutrition: A Career as a Dietitian				
A06	Hands-On Nursing Clinical Skills	Join us for an immersive workshop designed to enhance your practical skills across critical areas of patient care. Practice your injection skills using injection pads on a mannequin. You'll work with alcohol pads, syringes, cotton balls, sterile gauze, and a variety of gloves. Perfect your technique and ensure patient safety through hands-on experience. Explore the essentials of oxygenation with a focus on asthma simulation. Utilize stethoscopes, O2 saturation monitors, and various mask types to assess and improve patient oxygen levels. Experience a live demonstration of a nebulizer with a simulated Ventolin treatment to see how effective oxygenation and medication can be. Develop your skills in wound care with practical, hands-on experience. Using simulated wounds, you'll practice techniques for cleaning, dressing, and managing wounds effectively. The session will provide an opportunity to work with the necessary tools and materials to enhance your wound care proficiency. This nursing workshop is designed to provide valuable, hands-on experience and skill-building in key areas of patient care.	10		Elyse Griffith
A07	Reproductive Health	This workshop will introduce the topics and the people in Obstetrics and Gynecology in three parts. Join this hands-on workshop on IUD insertions, condom applications, and help deliver a baby with delivery models and take part in the miracle of life.	24		Joanna McDonald Adelicia Yu
A08	A Day In the Family Doctor's Office	In this workshop you will have the opportunity to experience what it is like to be a family doctor. You will get to work with family doctors as they lead you through some of the fun skills that they use in their offices every day. Anything can happen when you are seeing patients from newborns to very senior citizens so bring your sense of adventure.	32	32	Selena Papetti
A09	Clinical Health Psychology: Brains, Behaviour, and Beyond!	Do you ever wonder why people act the way they do? Are you curious about how minds work, how mental disorders are diagnosed, and how psychological therapies can improve health and relieve suffering? Come learn about the work being done in Manitoba by clinical psychologists in a range of settings (e.g., health, neuro, forensic, child). See examples of leading-edge psychological research, understand more about how psychological tests are developed and used, and try out some therapeutic techniques. You will have the chance to ask questions to presenters at various points in their careers. We will also highlight resources and supports available to help you navigate the path to becoming a professional psychologist.	15	15	Maxine Holmqvist Brooklyn Toderan
A10	Occupational, Physical and	Illness or injury can keep people from breathing freely, moving easily and living their life to their fullest.		35	Kristen Stefanson Roland Lavallée

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	Respiratory Therapies: Helping people live life, to potential	Occupational, physical and respiratory therapy are three in-demand professions that help people meet their goals in school, work, play and community participation. In this experiential workshop, you will interact with therapy students and clinicians, and experience what it might be like to work as a therapy professional.			Cara Brown Ian Hay
A11	Twitch Talks: Activation of brain, spinal cord and nerves in humans	This workshop will demo how we study human muscle, nerve and brain activity. Methods, such as muscle activity recordings, electrical nerve stimulation and transcranial magnetic brain stimulation will be explained. Students get to try how it feels like walking on a split-belt treadmill and move with motion analysis software controlling your reactions.	12		Katinka Stecina Mary Ifeakandu
A12	I ♥ Anatomy	Presenters will explain why they love anatomy and the joys of teaching it! The workshop will be a live lab where we will venture into the amazing anatomy of the human heart. We will teach you the chambers and valves, where the heart can be found in your chest wall and perhaps, we will have time to show you some pathologies. This lab is not for the faint of heart, pun intended! Have an open mind and great respect for our donors whose last wish was to study from their body donation.	16		Leilanie Clayton Madeline Damjanovic
A13	Ongomiizwin - Clearing a Path for Generations to Come	Elder Charlotte Nolin and Knowledge Keeper George Muswaggon will start our session with a smudge, sharing circle, and teaching. You will have the chance to hear from some of the Indigenous student supports who work together to build a sense of community and belonging at the Bannatyne campus. We will wrap up our session with the opportunity to put together a traditional medicine pin that you can take home with you.	20		Kimberly Hart Derek Stewner Charlotte Nolin George Muswaggon
A14	Inside Out: All About Psychiatry and Mental Wellness	Are you curious about how the mind works and how we can improve mental health? Discover the fascinating field of psychiatry in this exciting workshop! From exploring the brain to learning how psychiatrists help people overcome challenges like anxiety, depression, and ADHD, you'll get an inside look at a career that makes a real difference. Learn about the path to becoming a psychiatrist, the latest innovations in mental health, and why this field is more important than ever. Whether you're thinking about a future in healthcare or just want to better understand mental wellness, this is your chance to dive deep into the world of psychiatry!	15	24	Bon Castillo Abdellah Bezzahou
A15	Follow Your Heart: Learn About Cardiology	In this workshop, you will learn about the field of cardiology, the branch of medicine focusing on the heart. We will explain what heart healthy habits are and why it's important to start them now. We will also talk about the diverse variety of heart disease, including heart attacks. Have you ever wondered how we treat		24	Shuangbo Liu

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		heart attacks? During the hands-on workshop, we will look at the heart anatomy and how it works, how cholesterol blockages occur in the heart and how we treat them with balloons and stents.			
A16	<i>Discovering the Profession of Pharmacy</i>	Explore the diverse and vital role pharmacists play on the healthcare team. Through hands-on activities and engaging patient case studies, participants will learn how pharmacists counsel patients, manage medications, and promote health. Students will also get an inside look at the education pathway to becoming a pharmacist, discover different career opportunities, and experience real-world tasks like patient counseling and inhaler device use.	30		Sheila Ng Kristi Watson Ruchi Kumra
A17	<i>Why They Call It "Practice"</i>	Learn the way med students do, as highly trained standardized patients simulate realistic scenarios wherein YOU are the doctor!	10	10	Tim Webster

The following two workshops are taking place at the St. Boniface Research Centre Youth BIOlab. Participants will travel by bus from the Brodie Centre to the lab following the keynote lecture, remain at the lab for lunch and then return to the Brodie at 2:30.

When registering online PLEASE DO SO FOR B01 (MORNING) AND B02 (AFTERNOON).

Do not select these if you have any concerns about remaining at the lab for both sessions.

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B01 & B02	<i>Neuroscience and Cardiovascular Research at St. Boniface Hospital</i>	In our morning workshop you will see how neuroscientists study memory and brain diseases such as Alzheimer's. You will get to dissect a real brain, view cells and tissues under the microscope and witness memory experiments that we use to understand brain function. In our afternoon session, you will see how cardiovascular scientists study heart disease from the molecular and cellular level to the whole organism. You will see live heart cells in the microscope, dissect a pig's heart to see how heart attacks happen and learn about how our scientists investigate stem cells for use in future therapies. We will tour our research floors and meet scientists and students who work on these problems every day.	25	Stephen Jones