

Central Canada
 Wednesday, May 28, 2025

WORKSHOPS

Mountain Daylight Time (Central Standard Time) ~ AM: 10 :00 – 11 :00 | PM: 11 :30 – 12 :30

Central Daylight Time ~ AM: 11:00 – 12 :00 noon | PM: 12:30 – 1:30

CODE	TITLE	DESCRIPTION	TIME(S)	PRESENTER(S)
A01	<i>Human Brain and Spinal Neurons in Action</i>	This workshop will demonstrate how we study human brain and spinal neurons and networks used for motor control, such as reaching or walking. Methods such as muscle activity recordings, transcranial magnetic brain stimulation and electrical nerve stimulation will be explained.	AM & PM	Dr. Katinka Stecina (University of Manitoba, Department of Physiology and Pathophysiology)
A02	<i>Creativity in Action: Tackling Health Challenges with Art & Science</i>	In this workshop, you'll learn how art and research can team up to tackle real-world health challenges. Discover how creativity can make science easier to understand and more engaging. Through fun, interactive activities like designing Digital Health Vision Boards, you'll brainstorm ideas for building a healthier future. Using art to showcase research-based goals - like harm reduction, physical fitness, or sexual wellness - you'll see how blending imagination with science can inspire smart, innovative solutions to today's health problems.	AM & PM	Amanda Gannon (First Nations University of Canada, Indigenous Health Studies)
A03	<i>National Microbiology Laboratory: Canada's leading infectious disease laboratory</i>	Have you ever wondered what scientists and researchers do behind the scenes to better understand pathogens like Ebola, SARS-CoV-2, or sexually transmitted infections like HIV? Would you like to learn more about cutting-edge research and the latest scientific innovations that happen at Canada's national lab? Then sign up TODAY for this presentation featuring researchers from the National Microbiology Laboratory, home to Canada's only Level 4 (highest level) containment labs. Meet Dr. Kiazzyk, a Research Scientist who will talk about her career in public health including international work and HIV reference testing. In the later workshop, meet Dr. Palmier, who studied bumble bee health before becoming a genomics specialist. If you're the kind of person who is fascinated with scientific breakthroughs and developments, you won't want to miss this workshop!	AM & PM	Dr. Sandra Kiazzyk (AM) Dr. Kirsten Palmier (PM) Joy Stadichuk (National Microbiology Laboratory, Winnipeg MB)

A04	<i>Exploring Careers in Rehabilitation Sciences</i>	Join members of the College of Rehabilitation Sciences as they discuss the different career options available in the fields of physical therapy, occupational therapy and respiratory therapy. Students will have the chance to ask questions following the presentation.	AM only	Melissa Campbell Roland Lavallee Sunny Rooprai Kristen Stefanson (University of Manitoba, College of Rehabilitation Sciences)
A05	<i>Gene-ius at Work: A Day in the Life of Genetics Professionals</i>	Have you ever wondered why some health problems re-occur in families? The answer may lie in our human instruction manual. i.e. our genes. Become a “Gene-ius” with us as we follow a mother who gave birth 4 days ago to a healthy, full-term baby. Today, she received a call from the Genetics Department; her baby had an abnormality detected on the “newborn screen”, a test that is routinely offered to all newborn babies in Canada. The Genetics Health Care Team (from clinicians to researchers) is ready to respond. In this interactive presentation using a real-life scenario and multiple-choice polls, learn how changes in even a single gene can result in serious health problems, and how this impacts patients and their families. Learn how research is revolutionizing the diagnosis and management of genetic disorders, and how you can become part of this specialized health care team.	AM only	Rebekah Kukurudz-Gorowski Dr. Cheryl Rockman-Greenberg Anastassiya Ustinova (University of Manitoba, Department of Pediatrics and Child Health)
A06	<i>Babies, Bellies and Midwifery: Find out about midwifery in Manitoba!</i>	Spend an hour with us learning about midwifery care and find out where babies come from! We look forward to sharing fun and engaging midwifery skills with you, such as waterbirth, breastfeeding, finding a fetal heartbeat and equipment we take to home births. We will also share what it is like to live a day in the life of a midwife, and the scope of practice for midwifery in Manitoba.	AM only	Abigail Larson Fleur McAvoy (University of Manitoba, Bachelor of Midwifery Program)
A07	<i>Exploring the Journey to Medical School</i>	Are you curious about the journey to becoming a medical doctor? In this interactive presentation, I will first provide an overview of pathways to medicine, share my non-traditional path to medical school, and provide actionable resources to explore a growing interest in pursuing medicine. I will then provide insights into what medical school is like. My goal is for you to have an objective roadmap and actionable next steps for a journey towards medical school.	AM only	Monica Taing (McGill University, MD Candidate)
A08	<i>Introduction to Psychiatric Nursing</i>	We will explore the field of psychiatric nursing, providing valuable insights for those considering a career in mental health care or seeking a deeper understanding of this specialized area. Psychiatric nursing focuses on the well-being and mental health of individuals, families, groups, and communities. Psychiatric nurses engage in therapeutic interactions to support, maintain, and restore overall health, recognizing the intricate connections between emotional, developmental, physical, and mental health. They also consider the influence of social factors, culture, and	AM only	Carrie McCallum Andrea Thomson (Brandon University, Department of Psychiatric Nursing)

		spirituality on illness and recovery. An overview of the Bachelor of Science in Psychiatric Nursing program at Brandon University will be provided, along with a discussion on the role of psychiatric nurses within the healthcare team and the various career opportunities available in the field.		
A09	<i>We Study Medicine, Not Admin: The Physician Assistant world from the student side</i>	Want to learn about a rapidly expanding field within medicine where you can take care of patients, work across subspecialties, and help shape the role of the profession within Canada? Say less. Physician Assistants (PAs) are highly trained medical generalists that can diagnose, treat, prescribe, and more. Join two current PA students from the University of Manitoba's Master of Physician Assistant Studies (MPAS) program to learn more about the profession, the training, and ask questions about one of the fastest-growing healthcare careers in Canada. This is intended to be interactive. Both a first and a second-year student will be presenting about their experiences and reasons for choosing MPAS in addition to taking questions and having discussions for those interested in the program and profession. We recommend you don't (m)pass on this opportunity!	PM only	Rory Chongva Nilusha Wijewardana (University of Manitoba, Master of Physician Assistant Studies)
A10	<i>Enter the Exciting World of Athletic Therapy</i>	Ever wonder who takes care of those athletes that you see on television on the field, court or ice? Have you ever experienced a muscle strain or knee injury? Are you interested in learning about the muscle, bones and joints of the human body and how they all work together to allow you to enjoy an active life? If the answer is yes, you may be interested in learning about Athletic Therapy as a career. This presentation will speak to what you will learn both theoretical and applied to become an Athletic Therapist. You will be given the opportunity to share your own experiences with injury and rehabilitation. You will also be introduced to the Canadian Athletic Therapists Association and the 9 schools across Canada where you can pursue a degree in Athletic Therapy.	PM only	Dr. Glen Bergeron (The University of Winnipeg, Gupta Faculty of Kinesiology and Applied Health)
A11	<i>I ♥ Anatomy!</i>	Presenters of this workshop will explain why they love anatomy and the joys of teaching it! The workshop will be transformed into a virtual 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. Please remember this lab is not for the faint of heart, pun intended! So, if you wish to join, have an open mind and great respect for our donors whose last wish was to study from their body donation.	PM only	Leilanie Clayton Madeline Damjanovic (University of Manitoba, Department of Human Anatomy and Cell Science)

A12	<i>Nursing Skills and Simulation Labs</i>	This virtual presentation will feature a tour of the College of Nursing and showcase our simulation and skills labs. This is where students gain practice and experience to prepare them for taking care of real patients in the hospital. Watch exciting and interesting nursing skills such as: complex wound care, CPR, IV insertions and more performed by students on our state-of-the-art mannequins! This presentation is hosted by instructors within the College of Nursing.	PM only	Lisa Banman Elyse Griffith (University of Manitoba, College of Nursing)
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Many thanks to the institutions represented in our program as either a workshop host or panellist:

- Brandon University, MB
- First Nations University of Canada, SK
- National Microbiology Laboratory, MB
- The University of Winnipeg, MB
- University of Manitoba, MB
- University of Saskatchewan, SK