

Memorial University of Newfoundland  
May 21<sup>st</sup> 2025

## WORKSHOP CATALOGUE

Code	Title	Description	AM	PM	Coordinator/Presenters (Department) and Location
<b>A01</b>	<b>Family Medicine - The Discipline of Many Faces!</b>	In this workshop, students will get a sneak peak into the variety of patient encounters family doctors see everyday! In groups of ~10 learners, each group will rotate through 3 different 30 min stations representing different 'faces' of family medicine.		<b>30</b>	Susan Avery Russell Dawe Amanda Tzenov  (Family Medicine)  Memorial Faculty of Medicine
<b>A02</b>	<b>Medical Radiation Technology</b>	This workshop will open up the world of Diagnostic Imaging and Radiation Therapy, discussing how different technology enables us to provide the answers to medicine's biggest questions.	<b>25</b>	<b>25</b>	Jennifer Carey  (Medical Imaging)  Morning Session: 1 H2768 Afternoon Session: 1 MED 5M
<b>A03</b>	<b>Grow Your Own</b>	this workshop will provide participants with the opportunity explore health care careers available to them right at home.	<b>25</b>		Flora Jackman  (Medical Education)
<b>A04</b>	<b>Careers in Medicine: Why I chose Pathology</b>	In this discussion, careers in medicine with a focus on pathology will be discussed. The career path to medicine and the day-to-day life of a pathologist will be described in detail. From autopsy cases to specimens removed during surgeries, participants will get an opportunity to see pictures of organs and microscopic images and learn about different medical conditions that affect these organs.	<b>25</b>	<b>25</b>	Eric Lentz  (Pathology)  Lecture Theatre B, MUN Med School
<b>A05</b>	<b>3D Printing in Medical Education and Research</b>	Come tour our MUN MED 3D facility and see how some of our printers work and examples of prints that are used for medical education and research. Hear the story of how this started here at MUN MED and explore ideas in this exciting and useful field. Thomas Osmond, a mechanical engineer who works in the lab, will mediate this workshop and answer your questions.	<b>20</b>	<b>20</b>	Thomas Osmond  (Biomedical Engineering)  Med School Room 3M200
<b>A06</b>	<b>Genomics and Bioinformatics in Biomedicine</b>	A brief overview of what we do in the study of Genomics and Bioinformatics here in Biomedical Sciences at MUN. A short presentation with an opportunity to ask questions about education, career path, and professional choices. Plus, a tour of our lab with demonstrations of various equipment.	<b>20</b>		Touati Benoukraf Khadija Rebbani Hayley Alloway  (Biomedicine)  Faculty of Medicine

Code	Title	Description	AM	PM	Coordinator/Presenters (Department) and Location
<b>A07</b>	<b>Discovering Cells: A Bioluminescence Adventure</b>	Join us for an exclusive experience exploring the fascinating world of bioluminescence! In this workshop you will examine cells using advanced microscopy techniques, including transmission electron and confocal microscopy. Get a close up look at different tissues- and even mitochondria, the powerhouse of the cell! Plus, you will discover how scientists analyze and sort cells using cutting edge flow cytometry technology. See biology like never before and discover the power of bioluminescence in clinical and scientific research. Space is limited so sign up and uncover the hidden world of cells	<b>10</b>	<b>10</b>	Stephanie Tucker Nazanin Ghasemi Nova Hanson  (Bioluminescence)  Health Science Center, Room H1710
<b>A08</b>	<b>Exploring the Microscopic World</b>	This is an engaging, hands-on learning experience that introduces students to the microscopic world of tissues and cells. Participants will explore the structure and function of different tissue types using a light microscope, learn proper slide preparation techniques, and gain insights into how histology is used in medical research. This workshop is perfect for students interested in medical laboratory sciences, biology and medicine, providing a comprehension in the study of microscopic anatomy	<b>4</b>	<b>4</b>	Iliana Dimitrova Danielle Gardiner  (Medical Laboratory Science)  HSC 2808
<b>A09</b>	<b>A Career in Exercise Physiology: Research, clinical work, and more!</b>	Are you fascinated by the human body and how we can harness its power for peak performance and health? In this dynamic workshop, explore the world of exercise physiology - a field that blends passion for physical fitness with cutting-edge scientific research and real-world clinical applications. From understanding how our muscles and cardiovascular system respond to exercise to discovering the role of exercise in chronic disease prevention, you'll dive into the foundational principles of exercise physiology. You'll also gain insights into exciting career paths that combine scientific discovery with hands-on work in healthcare and beyond. Whether you're drawn to research, clinical settings, or community wellness, join us to see how a career in exercise physiology could be your first step toward a fulfilling future in health science.	<b>20</b>	<b>20</b>	Nick Bray Adam Drover Sarah Ashcroft  (Biomedical Sciences)  TBD
<b>A10</b>	<b>Discovery Nursing!</b>	Have you ever wondered what it would be like to be a Registered Nurse? This will be an interactive session where you will practice hands-on nursing skills such as listening to heart, lung and bowel sounds, removing staples and sutures, blood sampling from a central venous access device and exploring simulation in nursing. The possibilities are endless!		<b>24</b>	Kristelle McSween Amanda Baker Brittany Broomfield  (Nursing)  Faculty of Nursing Learning Resource Centre (H2909)

Code	Title	Description	AM	PM	Coordinator/Presenters (Department) and Location
A11	<b>Surgery Skills in Vererinary Medicine with DASIE</b>	Learn about gowning up for the O.R. and practice doing some “surgery” on DASIE, the foam dog. DASIE is a practice tool for learning suturing techniques on artificial tissue. There’s a fabric skin layer, foam muscles and fat, and even a foam intestine. Students will gown up in this pretend surgery exercise.	12	12	Jennifer Keyte Christian Alberto Ashley Butt Erin Raynard  (Veterinary Medicine)  Animal Resource Centre, H1A134: Large Animal Surgery Suite
A12	<b>End of Life Discussion with a Standardized Patient</b>	Many doctors have to have discussions with their patients about death. This workshop will demonstrate the type of conversation a palliative care physician has with a patient when the patient has a life limiting condition. After the demonstration, participants will have the chance to ask questions and discuss topics or concerns with the patient and the physician. <b>*Content advisory: Before selecting this session please know that participants will be exposed to an end of life case that, while only a simulation, may still be upsetting to some.</b>		20	Susan MacDonald
A13	<b>The Human Body and What Lies Beneath</b>	In this workshop you will see what lies beneath your skin! In the Body Works display, you will explore an extensive collection of plastinated real human specimens and see for yourself the effect of tobacco on lungs, too much alcohol on the liver and not wearing a helmet. You will also see the Anatomage table in action! The Anatomage Table is a 3D table that allows for anatomy visualization and virtual dissection. Both are used in anatomy teaching here in the Faculty of Medicine.	20	20	Corinne Mercer Patricia Cousins  (Medicine)  H2828/H2829
A14	<b>You're a Speech-Language... What?</b>	This is a dynamic and interactive session designed to introduce you to the exciting world of speech-language pathology! We will give you an introduction to the profession and will you engage in a variety of fun activities that will get you thinking, chatting, and swallowing (....did you say swallowing?)	30		Anneliese Ellis Lori Greene  (Speech Language Pathology)
A15	<b>Radiation Therapy in Oncology</b>	Students will meet members of the Cancer Care team in this open discussion and hands-on workshop. Participants will have a tour of the Cancer Centre, including CT simulation, Radiation Treatment Machine - Linear Accelerator and Chemotherapy suite. Students will also have the opportunity to make a head and neck mask for patient positioning and other positioning aids and to see how the Radiation Therapists use these aids to provide safe and accurate treatment for our patients Learning Objectives: <ul style="list-style-type: none"> <li>• How Radiation acts upon the patient</li> <li>• CT Simulation including fabrication of immobilization devices (e.g. thermoplastic masks)</li> <li>• Radiation Therapy Planning (Dosimetry)</li> <li>• Radiation Therapy Treatment Machines</li> </ul>	12	12	Geoffrey Blackwood Tim Healey  (Radiation Therapy)  DR. H. Bliss Murphy Cancer Center

Code	Title	Description	AM	PM	Coordinator/Presenters (Department) and Location
		(Linear Accelerators) <ul style="list-style-type: none"><li data-bbox="456 205 922 294">• The perspective of a former patient regarding the interventions and care received following their cancer diagnosis.</li></ul>			