

Memorial University of Newfoundland  
May 20<sup>th</sup> 2026

## WORKSHOP CATALOGUE

Code	Title	Description	AM	PM	Coordinator/Presenters (Department) and Location
A01	<b>A Day in the Life of a Family Physician</b>	In this workshop 10-12 students will rotate through 3 different 30 minute stations where they will get a snapshot of the breadth of care a family physician provides to their patients (total of ~30-36 students). The stations will focus on: 1. A prenatal visit of a pregnant patient - students will observe a history and physical exam and get to ask questions 2. Suturing - students will get a hands on opportunity to practice suturing 3. Care of the elderly patient - students will experience first-hand what is involved in caring for an aging patient		<b>25</b>	Susan Avery Meghan Greene Amanda Tzenov  (Family Medicine)  1 H 2819, 1 H 2820, 1 H 2826
A02	<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  (Rehab Sciences)
A03	<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?)	<b>25</b>		Anneliese Ellis  (Speech Language Pathology)
A04	<b>Taking Pictures of People's Insides and Curing Cancer - Who Doesn't Want That on Their Resume?</b>	In this workshop, you will learn about the wonderful world of Medical Radiation Technology. Within this profession, there is a wide variety of diagnostic and treatment career options. This profession encompasses is the areas of X-ray, CT, MRI, mammography, PET scans, nuclear medicine and radiation therapy. Discover what unifies this profession and what the different specialties have as unique opportunities. Hear from point of care Medical Radiation Technologists who will share what their specific job entails and why they love it. Learn about the different educational opportunities within	<b>25</b>	<b>25</b>	Jennifer Carey  (Medical Radiation Technology)

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		Atlantic Canada as well as areas of the hospital where a medical radiation technologists work. If you feel you were drawn to healthcare but also want to be able to interact with the latest and greatest technology, this is the place for you			
<b>A05</b>	<b>Surgery Skills in Veterinary Medicine with DASIE</b>	Learn about sterile gloving and gowning before heading into the O.R., then practice your suturing skills on DASIE, the "foam dog". DASIE is a non-animal instructional tool that both human and veterinary medical students use to learn and practice various suturing techniques. It provides an excellent basis for introductory surgical laboratories, and is used around the world. DASIE has a foam skin layer, foam subcutaneous and muscle layers, and even a foam intestine! Students will "gown up" in this pretend surgery exercise	<b>12</b>	<b>12</b>	Ashley Butt Joan Howard Christian Alberto  (Animal Care & Veterinary Resources)  Animal Resource Centre (ARC)
<b>A06</b>	<b>Exploring the World of Microscopy</b>	This hands-on histology workshop introduces high school students to the fascinating microscopic world of cells and tissues. Participants will learn how scientists and medical professionals use microscopes to study the structure of the human body at a cellular level. Through guided activities the workshop will demonstrate basic laboratory techniques, including slide preparation, staining, and microscope use. The students will gain insight into how histology supports medical diagnoses, research, and advances in healthcare. This experience is ideal for students interested in biology, medicine, or laboratory careers and provides introduction to microscopic anatomy and scientific investigation	<b>5</b>	<b>5</b>	Iliana Dimitrova Danielle Gardiner  (Medical Laboratories)  Faculty of Medicine Building Room 2808
<b>A07</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 his exciting and useful field. Thomas Osmond, a mechanical engineer who works in the lab, will mediate this tour and answer your questions	<b>20</b>	<b>20</b>	Thomas Osmond  (Medical Laboratories)  3M200 (Inside MUN Med School)
<b>A08</b>	<b>Social Work in Health Care</b>	In this workshop, three leaders from NLHS (two Directors, one Manager) will discuss the opportunities for social work in health care. Jessica, Heidi, and Laurie are all graduates from Memorial University's School of Social Work. They will discuss how their social work education led them to successful careers in leadership, and how a degree in Social Work can take you into many diverse fields in our province and beyond. Learn about lesser-known social work positions such as Acute Care Social Work, Long Term Care Social Work, Mental Health and Addictions (inpatient and outpatient) Social Work, and Primary Care Social Work	<b>20</b>	<b>20</b>	Laurie Sullivan Heidi Rossiter Jessica Brennan  (NL Health Services)
<b>A09</b>	<b>Discovering Cells: A Bioluminescence Adventure</b>	Join us for an exclusive experience exploring the fascinating world of bioimaging! In this workshop you will examine human and animal 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	<b>10</b>	<b>10</b>	Stephanie Tucker Nova Hanson Nazanin Ghasemi  H1710 (Health Sciences Centre)

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		flow cytometry technology. See biology like never before and discover the power of bioimaging in clinical and scientific research. Space is limited so sign up and uncover the hidden world of cells!			
<b>A10</b>	<b>The Use of Technology in Learning Anatomy</b>	See the Anatomage Table and ultrasound in action! The Anatomage Table is a 3D cadaver table that allows for anatomy visualization and virtual dissection tool for both anatomy and physiology teaching. Ultrasounds are also used for teaching anatomy. In clinical practice, bedside ultrasound is used to enhanced the physical exam, aid in diagnosis and treatment plus guide procedures. Come learn how they are used and attempt to scan a live volunteer to see anatomy in action!	<b>20</b>	<b>20</b>	Corinne Mercer Mandy Peach Margo Wilson  (Medical Labs)  H2827 and H2828
<b>A11</b>	<b>Radiation Therapy in Oncology</b>	In this interactive session, participants will step into the world of Radiation Therapy and experience firsthand how modern cancer treatments are planned and delivered. Students will explore how radiation is generated, how it targets cancer, and the technology that makes precise treatment possible. During their visit to the Dr. H. Bliss Murphy Cancer Centre, they will take part in hands-on activities in the CT Simulation Suite—including creating positioning devices such as thermoplastic treatment masks—and observe live setup demonstrations inside a Linear Accelerator bunker The session also introduces the role of the Medical Dosimetrist, the integration of innovative tools such as 3D printing in treatment planning, and the variety of immobilization devices used in clinical practice. Alongside the technological aspects, students will learn about the human side of Radiation Therapy: patient support, interdisciplinary teamwork, and the caregiving responsibilities of Radiation Therapists. By the end of the experience, participants will gain a clear understanding of how Radiation Therapy is delivered and the educational pathways that lead into this dynamic and evolving profession	<b>12</b>	<b>12</b>	Geoffrey Blackwood Tim Healey  (Radiation Therapy)  Dr. H. Bliss Murphy Cancer Center, Radiation Therapy Department
<b>A12</b>	<b>Discover 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>20</b>	<b>20</b>	Kristelle McSween Amanda Baker Brittany Broomfield  (Nursing)  Faculty of Nursing Learning Resource Centre (H2909)

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<b>A13</b>	<b>Cracking Cancer's Code: How DNA Tells the Story</b>	In this workshop, students will explore how scientists interpret DNA to understand cancer and discover the hidden changes that cause the disease. We'll cover the fundamentals of genome sequencing—how it works, the type of data it produces, and why it's such a valuable tool in modern medicine and life sciences. Students will also get a look into real research happening at Memorial University of Newfoundland, including the innovative technologies and tools used locally to study cancer genomics. By the end of the session, students will have a clearer understanding of how DNA can tell a story about health and disease—and how they could be part of the next generation of discoveries		<b>20</b>	Akinola Alafiatayo  (Biomedical Sciences)  5M100
<b>A14</b>	<b>The ♥ of the Matter: Let's Talk about Women's Heart and Vascular Health</b>	<b>The ♥ of the Matter: Let's Talk about Women's Heart and Vascular Health</b> 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.	<b>20</b>	<b>20</b>	Daisy Baldwin Jessica Gorman
<b>A15</b>	<b>Occupational Therapy and Physiotherapy</b>	Explore the world of occupational therapy and physiotherapy! Find out what careers look like in the field of rehab medicine.	<b>20</b>		Patricia Moores
<b>A16</b>	<b><i>Help us prevent disease and control outbreaks - the foundation for public health and preventive medicine</i></b>	<i>In this workshop, you will hear from physicians working in public health at NL health services who will share their biggest inspirations for choosing a career in public health and preventive medicine. Topics will include medical education, epidemiology, master's training, residency training, social determinants of health, equity, climate change and more.</i>  <i>We would love to highlight opportunities for you to learn more or get involved, and you will have the opportunity to ask the facilitator questions at the end of the presentation</i>		<b>15</b>	Itai Malkin