

Memorial University of Newfoundland
Tuesday, April 23, 2024

Workshop Catalogue

Code	Title	Description	AM	PM	Co-ordinator/Presenter(s) & Location
A01	<i>Medical Radiation Technologist - Nuclear Medicine</i>	This workshop will introduce students to the field of Nuclear Medicine and how specially trained health care professionals known as medical radiation technologists (MRT's) use radioactive pharmaceuticals and advanced medical equipment to image and treat patients for multiple pathologies.	12	12	Matthew Beniuk Kurtis Billard Nuclear and Molecular Medicine Department Conference Room
A02	<i>Discover Occupational Therapy (OT) and Physiotherapy (PT)</i>	Do you know what OTs and PTs do? Come join an OT and PT and learn about how they can help people with varying health conditions or disabilities recover or adapt. You will have an opportunity to step into the shoes of persons with various health conditions or disabilities while practicing some simple activities of daily living.	10	10	Patricia Moores Deanne Wareham 1 MED 2M114
A03	<i>The World of Light & Electron Microscopy</i>	You will have the opportunity to see techniques used daily in biomedical research to investigate the detailed structure of tissues, cells, organelles and macromolecular complexes.	8	8	Iliana Dimitrova Danielle Gardiner Nicholas Newhook Stephanie Tucker HSC 2808 and 1710
A04	<i>Radiation Therapy in Oncology</i>	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. Students will also hear the perspective of a former patient regarding the interventions and care received following their cancer diagnosis.	12	12	Geoff Blackwood Tim Healey Radiation Therapy Department Dr. H. Bliss Murphy Cancer Centre, Lvl 1
A05	<i>Discover Nursing!</i>	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 and inserting a nasogastric (NG) tube. The possibilities are endless!	20	20	Amanda Baker Stephanie King Sarah Knox Kristelle McSween Learning Resource Centre H2909
A06	<i>A Day in the Life of a Family Physician</i>	Get a glimpse into the world of family physicians as you rotate through three clinical scenarios: prenatal care, suturing skills and the art of the history and physical exam.	30	0	Dr. Lisa Burke Dr. Russell Dawe Dr. Amanda Tzenov Dr. Elaine Xie MDL H2819, H2820 and H2826

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A07	<i>Body Works</i>	In this workshop you will see that which lies beneath the skin! Join Dr. Shakti Chandra to explore this extensive collection of plastinated real human specimens including whole body plastinates, translucent body slices and artificial joints. See for yourself the effect of tobacco on lungs, too much alcohol on the liver and not wearing a helmet. Start your health sciences career by learning about the wonderous human body, which may also lead you to make healthier lifestyle choices!	20	20	Dr. Shakti Chandra HSC 2829
A08	<i>A Day in the Life of a Pathology Resident</i>	In this workshop you will learn about the career path to becoming a pathologist, and what pathology residents and pathologists do (from diagnosing cancer and benign conditions to performing forensic autopsies). This workshop will include an interactive presentation with digital microscopic slides where students can try to answer questions and guess the organ system!	40	40	Dr. Chantal Zern Theatre B
A09	<i>The Genomics Revolution: Navigating Data Generation, Interpretation, and Ethical Impacts</i>	This workshop will provide an overview of the techniques involved in genome sequencing and their applications in medicine and the life sciences, as well as research conducted at MUN and the cutting-edge devices used locally. In addition, we will engage in a discussion with the audience about new ethical frontiers and potential directions for genomics research, in light of the evolving landscape of data generation, interpretation, and ethical considerations.	10	0	Dr. Hayley Alloway-Pike Dr. Touati Benoukraf Dr. Modeline Longjohn Gastongay Siu 5M101
A10	<i>3D Printing in Medical Education and Research</i>	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.	20	20	Thomas Osmond 3M200
A11	<i>Person-Centered Healthcare through Social Work and Social Justice</i>	In this workshop you will learn about the diverse field of social work including a person-centered focus in healthcare. Students can participate in activities which help them to learn about the impact of healthcare professionals on people, policies, families, and communities.	12	12	Nikki Browne Brianna Lundrigan Bailey Reardon 1 MED 1M117
A12	<i>The Use of Technology in Learning Anatomy</i>	See the Anatomage Table and ultrasound in action! The Anatomage Table is a 3D anatomy visualization and virtual dissection tool for both anatomy and physiology teaching. Ultrasounds are also used in the Faculty of Medicine for teaching anatomy. In medical practice setting, they are used as a diagnostic imaging tool.	16	16	Dr. Rebecca Bobby Dr. Trish Cousins Corinne Mercer Dr. Mandy Peach H2827 and H2828
A13	<i>Discover Pediatrics!</i>	Are you considering a career in pediatrics? Join us for an interactive session where you'll learn the different roles of a pediatrician and the steps required to become one. You'll also participate in hands on practice in pediatric and newborn CPR with our live feedback mannequins, and a Jeopardy game reviewing common pediatric problems!	12	12	Dr. Michelle Johnson Dr. Claire Wallace 2J618

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A14	<i>Surgery Skills in Veterinary Medicine with DASIE</i>	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 foam. There's a foam skin layer, foam muscles and even a foam intestine. Students will gown up in this pretend surgery exercise.	12	12	Dr. Christian Alberto Dr. Ashley Butt Dr. Jennifer Keyte Erin Raynard Animal Resource Centre, H1A134: Large Animal Surgery Suite
A15	<i>Psychiatry and Neuro-stimulation: The "shocking" truth about electro-convulsive therapy</i>	In this workshop we will dive into the fascinating topic of Electroconvulsive Therapy (ECT). We will discuss the indications for ECT and what we know about how it works to treat different psychiatric disorders. We will also explore some portrayals of ECT from TV and the movies and answer some interesting questions; which portrayals are accurate? Which contribute to the stigma that surrounds ECT to this day. Finally, we will have an ECT machine available onsite so you will have an opportunity to be guided through a simulation of how treatments are delivered. You are encouraged to ask any questions you or others may have about ECT or anything else to do with psychiatry.	10	0	Dr. Julia Curtis 2M209
A16	<i>Behind the Scenes of Health Care: Medical device reprocessing</i>	Explore the career of Medical Device Reprocessing. MDR is dedicated to patient safety and considered to be the heart of the hospital. A critical front-line force working behind the scenes, we are a dedicated team of essential employees who assist all hospital and clinic areas to ensure the highest standards of infection control and reprocessing are being met. Staff have a broad background and are knowledgeable in the fields of science, chain of infection and how to effectively break it, and assure sterilized and quality products are being brought to areas for patient use. Our workshop will explore the work that is completed in our department, including a hands-on experience of handling some of our more utilized OR instrumentation and the process it goes through before use on the next patient.	12	0	Crystal Lockyer Erica Walsh 1 MED 1M116
A17	<i>A Career in Exercise Physiology: Research and clinical work</i>	In this workshop, you will learn some of the basics of exercise physiology, as well as explore the unique academic and professional career paths.	0	12	Nicholas Bray Adam Drover 1M114
B01	<i>Breathing for You: A look at respiratory therapy</i>	After a general description of a respiratory therapist's role in health care, you will see a demonstration of a breathing tube being put in place in a simulated environment. You will then participate in breathing for a patient using a resuscitator bag, and also see a ventilator/aka life-support machine in action!	8	8	Morgan Ball College of the North Atlantic F121
B02	<i>Inner Space: How the medical laboratory discovers the secrets of your health</i>	Tissue transplantation requires a match between a donor and a recipient. Using a case study approach, this workshop will explore the preliminary laboratory work-up and investigation required to find a bone marrow match for a young child with leukemia and perhaps discover an unexpected secret in the process.	0	10	Danny Rowsell College of the North Atlantic F314