

Memorial University of Newfoundland
Friday, May 26, 2023

Workshop Catalogue

Code	Title	Description	AM	PM	Co-ordinator/Presenter(s) & Location
A01	The World of Microscopy	Participants will learn techniques used daily in a Histology/Pathology Laboratory and see how microscopy slides are made. We will highlight three classes of important microscopes operated within the Faculty of Medicine - Light, Electron and Confocal microscopes. In this workshop you will see how tissues and cells look under those three microscopes.	8	8	Iliana Dimitrova Danielle Gardiner Nicholas Newhook Stephanie Tucker HSC 1710
A02	Surgery Skills in Veterinary Medicine with DASIE	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	Charlene Abbott Dr. Jennifer Keyte Christian Alberto HSC H-1850
A03	Person-Centered Healthcare through Social Work and Social Justice	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. There will be a specific focus on mental health and low-barrier approaches to healthcare.	15	15	Nikki Browne
A04	Talking to patients about the end of their life	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. *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.	20	20	Dr. Susan MacDonald H2827
A05	A Day in the Life of a Family Physician	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. Susan Avery Dr. Russell Dawe Dr. Amanda Tzenov HSC 2819, 2820 and 2826
A06	The Genomics Revolution: Navigating Data Generation, Interpretation, and Ethical Impacts	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	Hayley Alloway-Pyke Dr. Touati Benoukraf Gastongay Siu

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A07	Body Works and Anatomage Display	Presenters will take you through the Body Works display and show you novel technology that is used to learn about anatomy. You will hear about the importance of plastinated specimens in medical education and the process of the human donor to science program. Come see the amazing tools that we have to learn about the human body!	20	20	Dr. Patricia Cousins Corinne Mercer HSC-2828 and HSC-2829
A08	3D Printing in Medical Education and Research	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 3M303
A09	Radiation Therapy in Oncology	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.	12	12	Geoff Blackwood Maria Corsten Susan Costello Tim Healey Janice Janes Bliss Murphy Cancer Centre
A10	Hands-on Intubation (Breathing Tube Insertion) Session	There are many reasons for patients to need assistance with breathing. Sometimes, non-invasive methods are not enough and they need a breathing tube inserted under sedation. In this session, we will discuss normal vital signs, cardiorespiratory physiology, and how to intubate a patient. Includes a hands-on component using mannequins and real equipment.	0	10	Dr. Sophia Miao Dr. J. Ryan Yuen Lecture Theatre B, Health Sciences Centre
A11	Discover Nursing!	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	Sarah Knox Kristelle McSween Stephanie Snow MUNSON Learning Resources
B01	Inner Space: How the medical laboratory discovers the secrets of your health	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	12	Danny Rowsell College of the North Atlantic
B02	Breathing for You: A look at respiratory therapy	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!	0	10	Morgan Ball College of the North Atlantic

NOTE: B01 & B02 are taking place at the College of the North Atlantic (CONA). Transportation will be provided from the Health Sciences Centre to CONA for these 'afternoon only' sessions.