

Dalhousie University  
 Wednesday, November 10, 2021

## WORKSHOP CATALOGUE

CODE	TITLE	DESCRIPTION	AM	PRESENTERS
A01	<b>Viruses: How do we know they are there if we can't see them?</b>	We will discuss how viruses are studied in the lab, what the differences are between viruses and bacteria, how COVID-19 tests work, and how computer viruses are quite like real viruses. Interactive activities will include analysis of real results of experiments detecting and quantifying virus material and demonstration of how PCR diagnostics work.	2 0	Dr. Denys Khapersky (Department of Microbiology and Immunology)
A02	<b>Sleep: More than you ever dreamed</b>	In this session you will learn some interesting and perhaps surprising facts about sleep. You will find out how we perform different sleep studies, learn more about your own sleep patterns, and ways to optimize your sleep.	4 0	Dr. Megan Thomas Momina Raja Mitchell Mathieson (Department of Pediatric Medicine)
A03	<b>Does Alcohol Suck?</b>	We will review the biology and chemistry of alcohol metabolism, including the differences between ethanol (wood or drinking alcohol) and introduce the <i>toxic</i> alcohols (ethylene glycol, methanol, propylene glycol) and their various uses. We will discuss the importance of recognizing these products and their toxicity and review both historical and current approaches to patient management. In addition, there will be a Q&A session with three Emergency Physicians ranging from early, mid and late career: one educator, and two toxicologists!	4 0	Dr. Constance LeBlanc Dr. Nancy Murphy Dr. Caitlin Wolfe (Department of Emergency Medicine)
A04	<b>Localize the Lesion</b>	Localize the lesion— a term used daily by neurologists and is the key focus of our activity. Get a crash course from a neurology resident doctor in brain anatomy, learn how neurologists use clues from their patients to figure out where a neurologic problem is happening and put your knowledge to practice on patient cases. The host will also share insights into their path to medicine, including being trained as an occupational therapist.	3 0	Dr. Braydon Connell (Department of Neurology)
A05	<b>Organ Transplantation in Atlantic Canada</b>	An overview of Liver, Kidney, Pancreas and Small Bowel transplantation. This will include a brief review of what is currently being done and what the future holds for the field. There will be a hands-on activity with laparoscopic surgical techniques as well as a look at the equipment used in organ preservation and transplantation. <b>WARNING: GORY IMAGE ALERT!</b>	2 0	Dr. Mark Walsh (Department of Surgery)
A06	<b>The ABCDE's of Chest X-Rays</b>	In this workshop, students will learn some fundamental principles in chest x-ray interpretation using the <b>ABCDE</b> approach: <ul style="list-style-type: none"> <li>• Airway</li> <li>• Breathing</li> <li>• Cardiac</li> <li>• Diaphragm</li> <li>• Everything else</li> </ul> You will also learn about x-rays and other types of radiations that are commonly used in the medical field. You will have the opportunity to attempt interpreting real chest x-ray cases.	4 0	Lulu Liu (MD Candidate)Medicine, Undergraduate Medical Education
A07	<b>Get Psyched! An inside look into the world of psychiatry</b>	You will learn about the field of psychiatry and the path to becoming a psychiatrist. We will discuss how psychiatry and mental illness are portrayed in TV shows and movies as well as be introduced to the psychiatric detective skill of “formulation”. Your knowledge will be put to the test in Mental Health Trivia, where we will review common mental illnesses treated by psychiatrists.	3 0	Dr. LeAnne Revell Dr. Nadine Nejati (Department of Psychiatry)

Your ticket gives you access to the exhibits, the keynote lecture, the workshop you get a ticket for, the career panel, and the peer meet-ups.

Memorial University of Newfoundland  
 Thursday, May 26, 2022

## Workshop Catalogue

Access CODE	TITLE	DESCRIPTION	PRESENTER(S)
A01	<b>Veterinary Medicine &amp; Laboratory Animal Careers</b>	A career in veterinary medicine? Speak with these Veterinary Medicine and Laboratory Animal professionals who have a variety of work experience and educational backgrounds.	Charlene Abbott Dr. Jennifer Keyte Wilma Lagerwerf Megan Luther Peggy Walsh Kate Wilson
A02	<b>Family Medicine: The education, life, and career of a Family Physician</b>	This workshop opens with an overview of family medicine as a career choice, touching on topics of educational experience (including MUN's Family Medicine Residency Training Program), lifestyle implications (including the adventures of rural practice), and the diverse and rich career opportunities that are available to those who pursue it. There will be interactive Q&A time with family physicians looking forward to sharing their stories and experience with you, as well as taking any questions you may have about a career in medicine more broadly.	Dr. Susan Avery Dr. Françoise Guigne Dr. Robbie McCarthy Dr. Amanda Tzenov
A03	<b>From pro athletes to the classroom: Exercise Physiology and its role in medicine</b>	Dr. Mike Wahl is a Professor of Clinical Anatomy in the Faculty of Medicine at Memorial University but he began his career training athletes at UNB and then New York City. During his career he has trained professional athletes and worked for the leaders in the field including Canadian strength and conditioning guru Charles Poliquin and New York Rangers strength consultant Ben Prentiss. His work led him to starting a wellness business that eventually grew to work with "Industrial Athletes" on oil rigs, mining sites and manufacturing centres as the injuries he saw with his sports athletes translated to those who engage in physical labor. After his company was acquired by Telus Health he joined the Faculty of Medicine at Memorial where he now teaches clinically oriented human anatomy and several lectures in applied exercise physiology. Join us to hear about this unconventional route in Medicine that married his love of athletics with that of teaching.	Dr. Mike Wahl
A04	<b>Learning About Pathology</b>	Learn about careers in laboratory medicine, with a concentration on Pathology and what it's like to be a resident, followed by a gross image session.	Dr. Jeremy O'Brien Kristen Rose Dr. Robert Taylor

Accevents ACCESS CODE	TITLE	DESCRIPTION	PRESENTER(S)
A05	<b>Radiation Therapy in Oncology: A "virtual" patient and staff experience</b>	You will meet a breast cancer survivor and members of the Cancer Care team, in this open discussion workshop. Participants will have a "Virtual" tour of the Cancer Centre, including CT simulation, radiation treatment machine - linear accelerator and the chemotherapy suite. You will also see how we construct a head and neck mask for patient positioning and other positioning aids. See how Radiation Therapists use these aids to provide safe and accurate treatment for our patients.	Dr. Geoff Blackwood Tim Healey
A06	<b>Body Works</b>	Interested in knowing more about the human body? Join Dr. Shakti Chandra on a tour of her "Body Works" exhibit, real bones and organs that have been plastinated. Here "the dead teach the living"!	Dr. Shakti Chandra
A07	<b>A Day in the Life of a Medical Student</b>	This workshop will provide students the opportunity to learn about requirements for medical school, a day in the life of a medical student, navigating medical school as a minority student, and the vast opportunities and interests a career in medicine can provide.	Elizabeth Oyesomi