

In partnership with



Thursday, May 29, 2025

WORKSHOP CATALOGUE

CODE	TITLE	DESCRIPTION	AM	PM	PRESENTER
A01	Sepsis: Infections gone bad	In this workshop, you will learn about a serious disease that can affect people of any age. You will hear from a sepsis survivor and patient scientist, an undergraduate student, and the Scientific Director of Sepsis Canada, a national research network. Find out more about what sepsis is, how we can prevent it, and play a game to integrate your knowledge. Your participation in this workshop will help us gauge how we can improve sepsis education in schools, as part of our ongoing study. <i>A knowledge check will be done before and after each session. A participation form will be sent to those registered in this workshop a few days before the event.</i>	25	21	Muhadisa Ali Barbara Dolanjski Dr. Alison Fox-Robichaud 184
A02	Inside Out: Exploring the Wonders of Human Anatomy	Step into the fascinating world of the human body with our engaging and hands-on anatomy session! This interactive experience brings science to life, allowing students to explore the inner workings of their own amazing machines. From bones to muscles, organs to systems, participants will uncover how the parts fit and function together through hands-on experience & demonstrations. Get ready to explore with a deep dive into anatomy and leave with a newfound appreciation for the wonders beneath your skin!	21	19	Jasmine Rockarts Andrew Palombella MUMC 1R17
A03	Exploring the Career Path of a Physician Assistant	Join current Physician Assistant students from McMaster University for an exciting opportunity to dive into the world of Physician Assistants in Canada! This interactive workshop will give you an inside look at the essential roles and responsibilities of PAs, where they work, and the programs available across the country. You'll get hands-on experience in taking patient vitals, interpreting test results, and conducting detailed patient interviews. This is your chance to find out what steps you can take now to start your path toward becoming a Physician Assistant!	21	20	Brianna Law, Brook Bolton, Farah Wahib, Brianna Plater, Marissa Nociar & Viviththa Shrirajh MDCL-3016
A04	Mini Medical School	Join McMaster medical students as you work through a medical case, including diagnosis and treatment. No prior expertise is necessary! After	25	25	Morning: Margret Lo, Media Mokhtarnia, Quentin

CODE	TITLE	DESCRIPTION	AM	PM	PRESENTER
		the case, there will be a Q+A session where you can ask the presenters about their paths to medicine, and what a typical day looks like for them.			Tsang & Leo Ologundudu Afternoon: Eddie He, Faisal Khaleel, Manthan Dhruv & Phuong Huynh MDCL-3017
A05	Language and the Brain	In this workshop, we will discuss how the brain processes language and how those processes can go wrong in neurological disorders. Participants will have the opportunity to "diagnose" communication disorders from videos of adults with a variety of neurological disorders. We will also discuss topics like how the brain processes different languages - including tonal languages - and what happens when multilingual speakers sustain brain damage.	25	21	Lyn Turkstra, Eniola Bode-Akinboye & Ashley Waito IAHS
A06	Orthopedic Surgery Casting Session	In this workshop you will learn how to apply a cast to an arm or a leg to immobilize a fracture	0	10	Pouyan Ahangar & Nathalee Ewers MUMC anatomy lab
A07	Our brains when things don't go right - a peek into the world of dementia	In this workshop, participants will learn more about what dementia is, understand the different types of dementias, as well hear from an individual who has lived experience.	12	12	Katharine Champaigne & Debbie Keays 2J40
A08	Anesthesia: The Dream Team	Ever wondered how a person can have their body cut open for surgery, not feel a thing and have no recollection of it? Join us for a simulated general anesthetic to learn about the medications and equipment we use. Then, get hands-on experience on some of the essential skills an anesthesiologist must have. You will get to practice on mannequins how to support a person's breathing using a face mask and how to place a breathing tube in the windpipe.	0	10	Daniel Cordovani, Amanda Whippey, Brad Murphy, Nicole Atkins, Mohamed Ali, Alex Xiang & Annika Bey CSBL
A09	Color Me Molecular: Gel Electrophoresis and Serial Dilution Using Biosafe Colour Agents Hands-On Wet Lab Workshop	Science gets vibrant in Color Me Molecular! In this colorful, hands-on workshop, you'll uncover the hidden world of the small things in life. You will be able to watch molecules move, separate and dilute right before your eyes. Using gel electrophoresis, we'll explore how molecule size affects movement, starting a race a molecular race across the "gel track"! Then, dive into a serial dilution experiment using bright, colored water to visualize how concentration changes step by step. Perfect for curious minds who love science and splashes of color, this workshop blends biology, chemistry, and a little bit of artistic flair. Let's get molecular!	9	9	Binjal Pradhan, Renee Vucemilo, Bogdana Borysova & Michelle Alves 1J8
A10	Transforming Healthcare through Innovation	Step into the world of a HealthTech student entrepreneur. This workshop will explore how to identify and tackle unmet healthcare needs by applying the Stanford Biodesign Process. Students will learn and apply firsthand how	21	19	Mann Parikh MDCL 3019

CODE	TITLE	DESCRIPTION	AM	PM	PRESENTER
		healthcare technologies are developed from concept to real-world solutions.			
A11	<i>Co-Designing Health Care: Using lived experiences to improve care</i>	This interactive workshop will invite students to learn how health care can be designed with patients and not just for patients through experience-based co-design. Students will learn how community members can partner with researchers to improve health care delivery by sharing their lived experiences and priorities to improve health, the quality of care, and patient experiences.	25	0	Rebecca Ganann & Kylie Teggart AN55A
A12	<i>Get a Grip: an introduction to occupational therapy</i>	In this workshop, you will learn about how occupational therapists work with people to help them do the ordinary and extraordinary activities that they need and want to do despite illness or injury. You will learn about how your hands and brain work together by participating in a number of short activities (for prizes, of course!). Our team will share some of their experiences reflecting the wide variety of settings where occupational therapists can work with individuals and families	30	26	Tara Packham & Ronessa Dass TBC
A13	<i>Cannabis Uncovered: History, Science and the Body in "High" Definition</i>	Pot, weed, marijuana, the devil's lettuce—it goes by many names and is now legal in Canada. Even though many use cannabis medically and recreationally, we do not understand how this drug affects our bodies. Through trivia games and interactive activities, you will go on a historical journey of uses for this drug, learn about how scientists are uncovering its effects on human behaviour, and how it affects the function of various types of cells in our brains, muscles and even the placenta!	21	19	Sandeep Raha, Cristina Monaco, Jenny Feeney, YiYe Wang, Abigail Stevenson & Shahram Aamer MDCL-3504
A14	<i>Intro to Suturing: Mending Wounds, Stitching Confidence!</i>	In this workshop, students will be taught the basics of suturing and the different techniques and tools used in the beginning steps of learning how to suture.	0	24	Arul Kuhad MDCL 3012