

Western University  
Wednesday, May 12, 2021

## WORKSHOPS

ACCELEVENTS CODE	TITLE	DESCRIPTION	MAX	PRESENTER(S)
RESEARCH1	<b>A01 Research Projects in High School: How They Can Kickstart Your Career in Healthcare</b>	In this workshop, you will learn the tools needed to conduct your first research project and find out how to use what you have learned to launch a rewarding career in healthcare.	10	Naveen Poonai MD (Departments of Paediatrics, Internal Medicine, Epidemiology & Biostatistics)
HEALTH2	<b>A02 Resilience and the Creation of Wellbeing</b>	Resilience? Wellbeing? Are these more than just buzz words? This workshop will give participants an opportunity to see why resilience and wellbeing are much more than buzzwords, how personal experiences of resilience and wellbeing are ever-changing, and how we might intentionally create resilience and a greater sense of overall wellbeing in our lives.	30	Marnie Wedlake PhD (School of Health Studies)
FAMMED3	<b>A03 Choose Your Own Adventure: The quest to becoming a family doctor!</b>	Enter the world of the family doctor as you join in a “Choose your own adventure” game show. What steps do you take in order to become a family doctor? What experience must you gather? What tools must you find? What monsters and villains will you encounter? Join us on this quest!	20	Dan Leger MD (Department of Family Medicine)
ALZH4	<b>A04 Learn What Alzheimer's Looks Like from a Virtual Reality Experience</b>	In this workshop you will embody a person living with progressive Alzheimer's disease causing changes in the brain from the onset of symptoms to the late stage of the disease. You will learn the affect Alzheimer's has on a daily life, from processing and cognition to relationships and emotional wellbeing. You will also: - learn ways that Alzheimer's Disease affects communication in the brain - recognize changes in visual and auditory processing that can affect activities of daily living - discover ways a person with Alzheimer's Disease can be redirected, calmed, and engaged - discover how to effectively work as a team with a person living with dementia, family, and health care providers to provide quality of life	40	Dina Boone (Alzheimer's Society of London and Middlesex)

MEDS5	<b>A05 So you Wanna Go To Med School?</b>	This workshop will provide students the opportunity to learn about the medical profession, the requirements for medical school, a day in the life of a medical student, and the vast opportunities and interests a career in medicine can provide.	20	Bojana Radan (Schulich School of Medicine & Dentistry)
NURS6	<b>A06 Virtual Nursing Simulation</b>	This workshop will allow students to learn and practice health assessment skills commonly used in the clinical setting through a virtual simulation format.	25	Erika Juhasz (Arthur Labatt Family School of Nursing)
PEDS7	<b>A07 Pediatric Surgery: An Unbiased Talk about the Best Job in the World</b>	In this workshop you will learn about what life as a pediatric surgeon is like. We will discuss how to become a surgeon, including details about medical training from university, medical school, residency and fellowship. We will discuss what the day-to-day of a pediatric surgeon is like, as well as how research and teaching are a big part of the job of an academic surgeon. We will review some interesting cases and learn about rare congenital defects that pediatric surgeons fix.	40	Natashia Seemann MD (Division of Pediatric Surgery)
EYES8	<b>A08 Ophthalmology: An Introduction to Eye Surgery</b>	In this workshop you will learn about the path to becoming an ophthalmologist (eye physician and surgeon). You will learn about what ophthalmologists do on a daily basis. You will get a chance to see videos of eye surgeries and laser procedures.	40	Miso Gostimir MD Yiannis Iordanous MD Gaya Sivakumar MD (Department of Ophthalmology)
BRAIN9	<b>A09 The Human Brain: Function and Dysfunction in Aging and Dementia</b>	In this workshop you will learn about the way that the brain functions and what happens when it ages, particularly in dementia. You will have the opportunity to participate in an interactive patient case study.	40	Chloe Stewart (Department of Clinical Neurological Sciences)
ROB10	<b>A10 Computer-Assisted Medical Interventions</b>	In this workshop you will learn about medical imaging modalities, such as ultrasound, Magnetic Resonance Imaging, and X-Ray Computed Tomography, and how they are applied in modern medicine. You will also learn about how computers and tracking system (think GPS for surgery) can be used to help doctors perform surgeries. In the virtual platform, you will learn how augmented and virtual reality systems can be used to help surgeons to perform surgery	25	Daniel Allen Joeana Cambranis Romero Patrick Carnahan Elvis Chen PhD (Robarts Research Institute)
KIN11	<b>A11 Walking the Walk: What does the brain have to do with it?</b>	Do you know what happens when you walk and talk? In this workshop you will learn about the relationship between mobility and cognition. You will also see the impact of aging on these processes and how cognitive impairments may lead to more falls.	30	Joel Mahon (School of Kinesiology)

COMM12	<b>A12 Spatial Hearing and Auditory Virtual Reality:</b> Hearing in three dimensions with only two ears	Experience how the auditory system uses sound received at the left and right ears to determine the direction of sound sources in space. Listening activities will take place in the anechoic chamber at the National Centre for Audiology. We will also use measurements of the acoustics of an individual's outer ears to produce sounds that can be played over headphones in virtual auditory space. This method will be used to let you "hear through another person's ears", to simulate different listening environments, and to simulate listening through a hearing aid or cochlear implant.	10	Ewan Macpherson PhD (School of Communication Sciences & Disorders)
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**IMPORTANT NOTES:**

- **SCHOOL REGISTRATION DEADLINE: TUESDAY, APRIL 13**
  - Schools must be pre-registered by a contact teacher willing to act as the liaison between the planning team and those interested in taking part in this virtual event. See link on event page.
- **STUDENT & TEACHER REGISTRATION BEGINS TUESDAY, APRIL 20**
  - Instructions for students and teachers to register on Accelevents, the event platform we are using to deliver the program, will be emailed to contact teachers of pre-registered schools by noon.
  - Students will need to obtain a ticket (free) to the workshop of their choosing by entering the corresponding "ACCELEVENTS CODE" as noted above.
  - Interested teachers will be directed to obtain a "Teacher" ticket (free).
  - Student tickets include access to exhibits, keynote lecture, corresponding workshop, panel discussion and optional peer 'meet-up'.
  - Teacher tickets include access to exhibits, keynote lecture, available workshops, panel discussion and optional peer 'meet-up'.
  - **STUDENT & TEACHER REGISTRATION DEADLINE: THURSDAY, MAY 6**
- We strive to offer as diversified a program as possible. As always when recruiting workshop presenters and panellists, we reached out to Schulich School of Medicine & Dentistry, Faculty of Health Sciences, Western Engineering, Faculty of Science and Faculty of Social Science, as well as to affiliated institutions and our community partners. For each workshop above, the hosting department/school/institution is noted under PRESENTER(S).