

# SPRING LEADERSHIP CONFERENCE

## 2024



**MAY 9 & 10, 2024**  
**METRO TORONTO CONVENTION CENTRE**

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SLC

# GENERAL INFORMATION



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download the SLC 2024 app!  
With the app, you can view the  
schedule, maps,  
announcements, and more!

# CONFERENCE REGISTRATION

Competitors will receive their HOSA Canada ID by May 7, 2024 through email. To participate in your event and workshops, you must have either your physical badge or email with your ID.

Physical badges must be collected **by 2 pm on May 9** to continue attending events and workshops.

- **If your event is before 2 pm on May 9**, you can proceed to your event with your emailed HOSA Canada ID.
- **If your event is after 2 pm on May 9**, ensure you pick up your badge before your event.

The registration desk is located on the **west** side of the **Level 200 lobby**.

The badge collection process depends on your registration status:

- **Chapters:** ONLY chapter presidents/teachers can collect physical badges for their students.
- **Independent:** Students must collect their own physical badge.

Photo ID (ex. Driver's license or School ID) is required to register.

# GENERAL INFORMATION

## **Dress Code**

Competitors are expected to adhere to the official HOSA Dress Code at all times throughout the conference. You are not required to purchase the HOSA uniform.

## **Attending Your Event**

Please arrive outside the room **30 minutes prior** to the start of your event. Make sure you have your **HOSA ID** (email or badge) with you. For written tests, please arrive **1 hour prior** to the scheduled start time in **hall B** to receive seating instructions.

Competitors are expected to bring all of the materials listed in the “Competitors Must Provide” section of the event guidelines found on the HOSA Canada website.

## **Round 2 Qualifiers**

If your event has a second round on May 9, qualifiers will be announced by **May 3 at 11:59pm** through email and on Guidebook.

If your event has a second round on May 10, qualifiers will be announced by **May 9 at 11:59 pm** through email and on Guidebook.

If you do not qualify to the second round, you are still encouraged to attend workshops and the closing ceremony on May 10.

# GENERAL INFORMATION

## **Student Seating and Waiting Area**

There will be general seating in Hall C (Level 300), where students and teachers can wait between competitions. This is a great opportunity to meet other HOSA Canada members!

If you are not competing or attending a workshop, you must wait in this room, as students are not allowed to wait in the hallways.

Wifi will only be available in the hallway.

## **GO Train**

For students planning to arrive via GO train, it is recommended to take advantage of the **Weekday Group Passes**, which allow for unlimited travel for one day at a flat rate of \$12-15, depending on the group size. Routes for arriving at Union Station in Toronto through a GO Train can be found through the GO Transit website under [Plan Your Trip](#).

## **TTC**

For students planning to use the TTC, the cost per trip is \$2.40 for youth and \$3.35 for adults. Routes for arriving at Union Station in Toronto through the TTC can be found through the their website under [Routes & Schedules](#).

From Union Station, the MTCC is a short walk of 9 minutes.

# GENERAL INFORMATION

## Merch Pick-Up

Please visit the registration desk **after 2 pm on May 9 and anytime on May 10** to pick-up your hoodie. Have your order number and email confirmation ready when you arrive to the desk.

## Food & Beverages

In the Metro Toronto Convention Centre, there is a Second Cup café on Level 200. There are also many restaurants within walking distance from the MTCC that students are welcome to visit. Some options include Tim Hortons (3-minute walk), Subway (6-minute walk), Popeyes (4-minute walk), and McDonald's (6-minute walk). Refer to the map below for the locations of nearby restaurants. **No outside food is permitted in the conference venue.**



# OPENING CEREMONY

## **When and Where**

The SLC 2024 Opening Ceremony will take place on **May 9 at 9:00am** in **Con Hall 105/106/107**. Doors will open at 8:45am and seating will be first-come, first-served.

## **Keynote Speaker – Dr. Paul Santerre**

Dr. Santerre is a distinguished engineer and researcher in biomaterials design, renowned for his contributions to advancing medical devices and tissue engineering. He leads groundbreaking work in understanding polymer-biodegradation interactions, resulting in over 140 peer-reviewed publications and 325 conference presentations. He is currently a Professor & Baxter Chair in Health Technology & Commercialization at the University of Toronto.

Dr. Santerre's expertise extends to the commercial realm, with over 59 patents and the founding of *Interface Biologics Inc*, a biotech start-up focused on medical device coatings. His achievements have been recognized internationally, earning him prestigious fellowships and awards, including the Julia Levy Award and the NSERC Synergy Award for technology transfer.

Dr. Santerre is also the Director of the Health Innovation Hub (H2i) at the University of Toronto. H2i is a campus-based accelerator supporting start-ups that aims to solve problems through innovation and entrepreneurship.



# CLOSING CEREMONY

## **When and Where**

The SLC 2024 Closing Ceremony will take place on **May 10 at 4:30pm** in **Con Hall 105/106/107**. Doors will open at 4:15pm and seating will be first-come, first-served.

## **Competitor Recognition**

For each event, certificates will be presented to the Top 10 competitors and medals will be presented to the Top 3 competitors. Secondary and Post-Secondary students will be classified under separate categories and there will be different rankings.

## **ILC Information**

The top 3 qualifiers from each event will qualify to attend the International Leadership Conference in Houston, Texas from June 26-30, 2024 (travel dates inclusive).

You are encouraged to ask your families before coming to the conference whether you will be able to attend ILC. The approximate cost to attend ILC will be \$1700 (including registration, hotels, and transportation). Students will be required to pay this fee within 48 hours to confirm their spot.

SLC

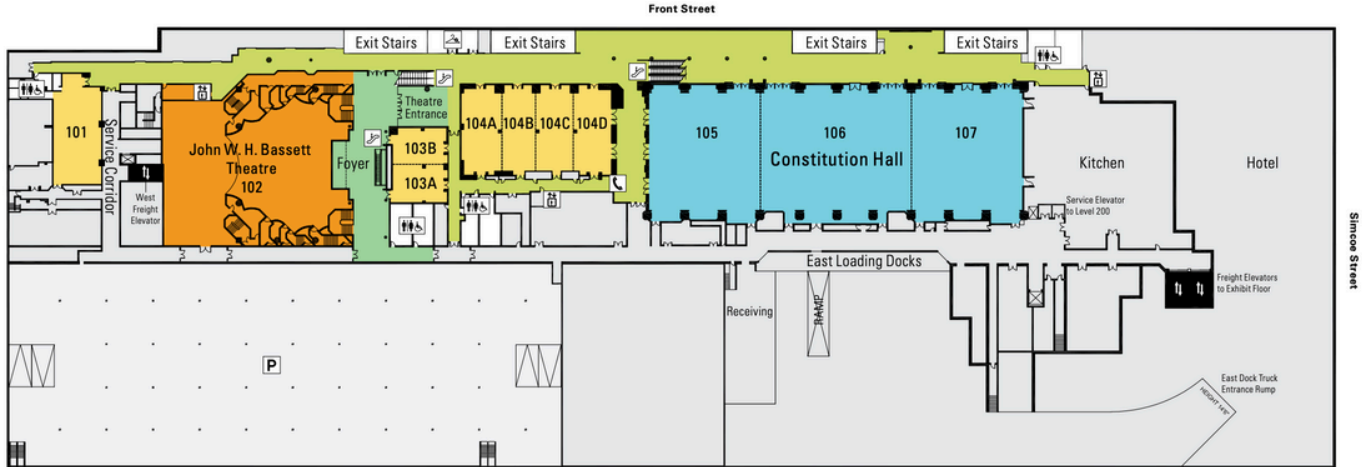
# VENUE MAP



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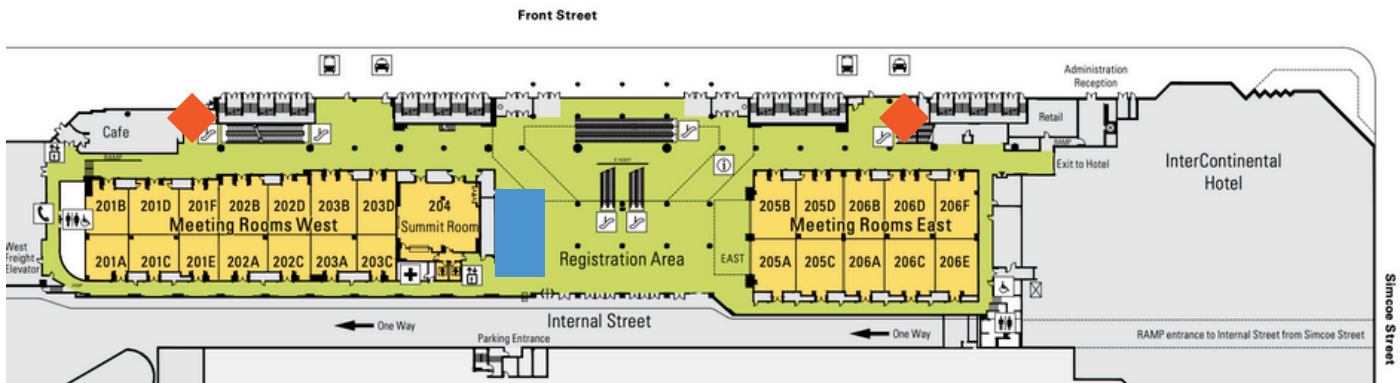
**Venue Map Link:** <https://www.mtccc.com/level/?level=200>

### North Building – Level 100



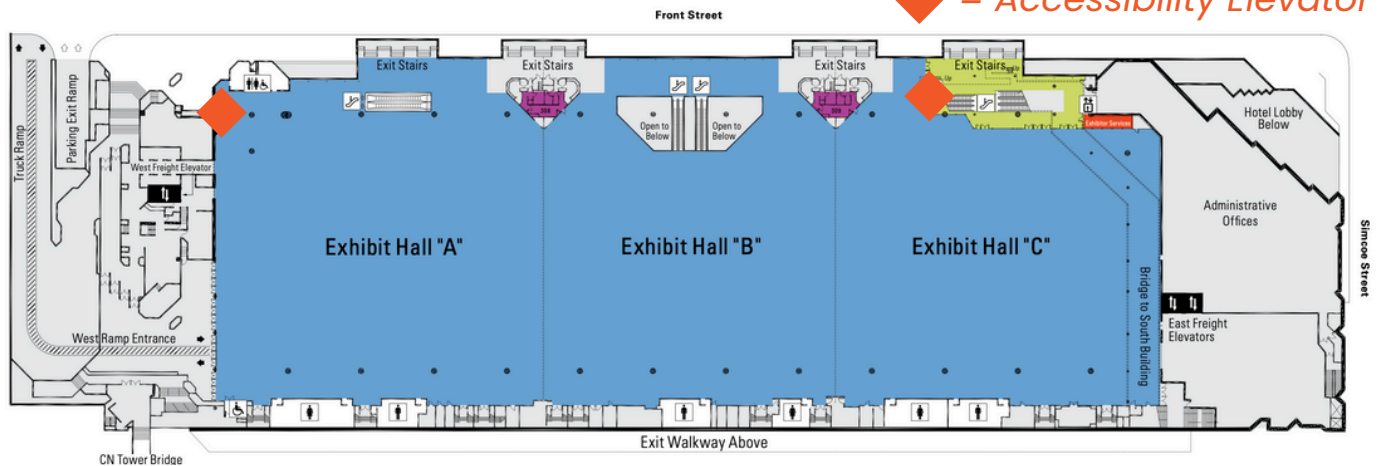
### North Building – Level 200

= Registration Desk



### North Building – Level 300

= Accessibility Elevator



# SLC

# CONFERENCE

# SCHEDULE



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# SCHEDULE

- Page 13: General Schedule
- Pages 14–15: May 9 Written Test Information
- Page 16: May 9 Event Schedule
- Page 17: May 9 Workshops Schedule
- Pages 18–19: May 10 Event Schedule
- Page 20: May 10 Workshops Schedule

*NOTE: On May 9, the registration desk is open from 8:00am–5:00pm. On May 10, the registration desk is open from 8:00am–4:00pm and 5:30pm–6:30pm.*

## **MAY 9, 2024**

9:00am–10:00am	Opening Ceremony	105/106/107
10:00am–4:00pm	Workshops	<i>Various Locations</i>
10:00am	Test Block A	Hall A
12:30pm	Test Block B	Hall A
3:30pm	Test Block C	Hall A

## **MAY 10, 2024**

8:00am–3:00pm	Round 2 Competitive Events	<i>Various Locations</i>
10:00am–4:00pm	Workshops	<i>Various Locations</i>
4:30pm	Closing Ceremony	105/106/107

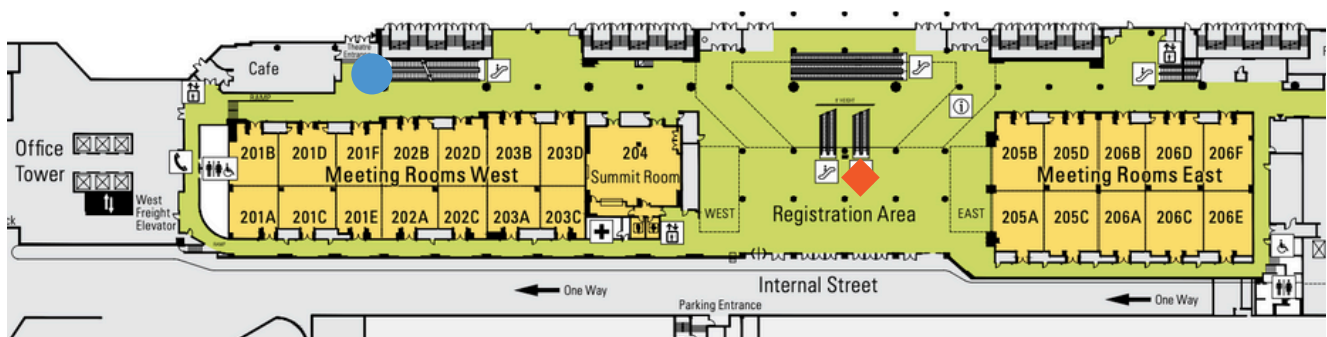
# TESTS - MAY 9

## Written Test Information

- All written tests will be written in **Hall A (Level 300)**.
- The waiting area for testing is Hall B (Level 300).
- You must arrive to the waiting area in Hall B **one hour prior** to the scheduled start time to receive instructions - competitors who enter late will not receive additional time for their tests.
- Secondary (High School) and Post-Secondary (University) competitors will write the tests at the same time. Secondary and Post-Secondary competitors will not be competing against each other.
- Professional conduct must be followed throughout and any violation, including suspected academic dishonesty, will result in immediate disqualification.
- Please watch the instructional video posted to your Google Classroom for filling out the Scantron. Incorrectly filling out details on the Scantron will result in the misprocessing of your test.
- **Required Competitor Materials:** No. 2 pencil, eraser, HOSA Canada Badge (or email before 2pm), school or government-issued photo ID, non-digital watch (optional), basic calculator (only Medical Math)

## Testing Procedure

1. Enter Hall B through Level 200 escalators near the registration area (orange diamond).
2. Line up behind the banner in Hall B. Keep noise to a minimum as testing may be in progress.
3. Students will be guided into Hall A by HOSA Canada Staff.
4. Students will leave the testing room through the Hall A escalators (blue circle) back to Level 200.



# TESTS - MAY 9

## **Block A - 10:00am (line up starts at 9:00am in hall B)**

- Biomedical Debate
- HOSA Bowl
- Creative Problem Solving
- CPR/First Aid
- Emergency Medical Technician
- Medical Spelling
- Sports Medicine
- Veterinary Science
- Clinical Laboratory Science
- Clinical Nursing
- Pharmacy Science

## **Block B - 12:30pm (line up starts at 11:30am in hall B)**

### *North*

- Forensic Science
- Dental Science
- Physical Therapy

### *South*

- Behavioural Health
- Medical Law and Ethics
- Nutrition

## **Block C - 3:30pm (line up starts at 2:30pm in hall B)**

- Medical Terminology
- Pathophysiology
- Epidemiology
- Medical Math
- Human Growth and Development

# EVENTS - MAY 9

*Competitors will be provided a specific time slot and room assignment within the time range prior to May 9.*

## **Secondary (High School)**

	Start	End	Location
Clinical Specialty	10:00	15:00	201A/C/E
Community Awareness	10:00	14:00	201D
Mental Health Promotion	10:00	14:00	104D
Public Health Round 1	10:00	13:30	201B
Researched Persuasive Speaking	10:00	14:00	104A/B/C
Research Poster	10:00	15:00	103A/B

## **Post-Secondary (University)**

	Start	End	Location
Public Health Round 1	13:30	14:00	201B
Research Poster	13:00	14:00	103B



# WORKSHOPS - MAY 9

<b>Workshops (1 hour per session)</b>	<b>Start</b>	<b>End</b>	<b>Location</b>
Approach to Chest Pain	10:00	16:00	205C
Approach to Knee Exam and History	10:00	16:00	202C/D
Basics of Concussions	10:00	13:00	205B
Casting Workshop	10:00	16:00	203A/B
DNA Extraction	10:00	13:00	206A
Emergency Department Simulation	10:00	16:00	206E/F
Fractures and Dislocations	10:00	16:00	205A
Healthcare Student Panel	10:00	16:00	105/106/107
Interpreting ECGs	13:00	14:00	206A
Intro to Anesthesia	11:00	12:00	205D
	14:00	16:00	205D
Intro to Cancer	14:00	15:00	206D
Intro to CPR	10:00	12:00	206D
Intro to Epidemiology	10:00	11:00	205D
	13:00	14:00	205D
Intro to Genetics	13:00	14:00	206D
	15:00	16:00	206D
Intro to Research	13:00	16:00	205B
Measuring Visual Acuity	14:00	16:00	206A
Point-of-care Ultrasound (POCUS)	10:00	15:00	206B
Physiology of the Heart	10:00	16:00	202A/B
Suturing and Knot Tying	10:00	16:00	206C

# EVENTS - MAY 10

*Competitors will be provided a specific time slot and room assignment within the time range if they qualify to Round 2.*

<b>Secondary (High School)</b>	<b>Start</b>	<b>End</b>	<b>Location</b>
Biomedical Debate Round 2	8:00	12:00	105/106/107
Clinical Laboratory Science Round 2	13:00	15:00	104A/B/C
Clinical Nursing Round 2	8:00	15:00	202A/C
CPR/First Aid Round 2	8:00	12:00	104A/B/C
Creative Problem Solving Round 2	12:30	15:00	103A/B
Dental Science Round 2	8:00	14:00	201F
Emergency Medical Technician Round 2	8:00	12:00	104D
Forensic Science Round 2	8:30	10:00	Hall A
HOSA Bowl Round 2	8:00	12:00	103A
Medical Innovation Round 2	10:00	13:30	Hall A
Medical Spelling Round 2	13:00	15:00	105/106/107
Pharmacy Science Round 2	8:00	15:00	201A/C
Physical Therapy Round 2	8:00	12:00	201E
Public Health Round 2	8:00	12:30	103B
Sports Medicine Round 2	8:00	15:00	201B/D
Veterinary Science Round 2	8:00	14:00	203A

# EVENTS - MAY 10

*Competitors will be provided a specific time slot and room assignment within the time range if they qualify to Round 2.*

## **Post-Secondary (University)**

	Start	End	Location
Biomedical Debate Round 2	12:00	13:00	105/106/107
Clinical Laboratory Science Round 2	14:00	15:00	104C
Dental Science Round 2	14:00	15:00	201F
Emergency Medical Technician Round 2	13:00	14:30	104D
Forensic Science Round 2	8:30	10:00	Hall A
HOSA Bowl Round 2	8:00	12:00	103A
Pharmacy Science Round 2	13:00	15:00	201E
Public Health Round 2	11:30	12:30	103B
Sports Medicine Round 2	13:00	15:00	201D
Veterinary Science Round 2	13:00	14:00	203A

# WORKSHOPS - MAY 10

<b>Workshops (1 hour per session)</b>	<b>Start</b>	<b>End</b>	<b>Location</b>
Approach at ACLS: Code Blue Simulation	10:00	16:00	206E/F
Approach to X-Ray Interpretation	10:00	16:00	205B
Basics of Concussions	10:00	16:00	205A
Cardiorespiratory Exam	10:00	16:00	205C
Fractures and Dislocations	10:00	16:00	206A
Intro to Anesthesia	11:00	13:00	206B
	15:00	16:00	206B
Intro to Cancer	11:00	12:00	203B
	14:00	15:00	203B
Intro to CPR	10:00	16:00	205D
Intro to Epidemiology	10:00	11:00	206B
	14:00	15:00	206B
Intro to Genetics	10:00	11:00	203B
	13:00	14:00	203B
	15:00	16:00	203B
Suturing and Knot Tying	10:00	16:00	206C/D

# SLC WORKSHOPS



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# GENERAL INFORMATION

Please arrive at least 15 minutes prior to the scheduled start time.

There is allocated space with limited availability for in-person registration. Please line up outside the room and the workshop host will let you in if there is space.

All workshops and seminars count towards the Leadership Certificate Program.

For the suturing and knot tying workshop, a suturing kit must be purchased through our website. Pick-up will be at the front desk.

Members can only register online for a **maximum of five (5) workshops**. If you register for more, you will be randomly removed from excess workshops. You can attend more workshops in-person by lining up outside the room for an in-person spot (limited).

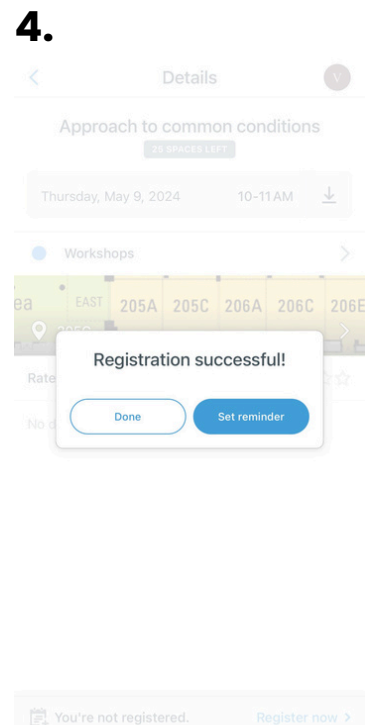
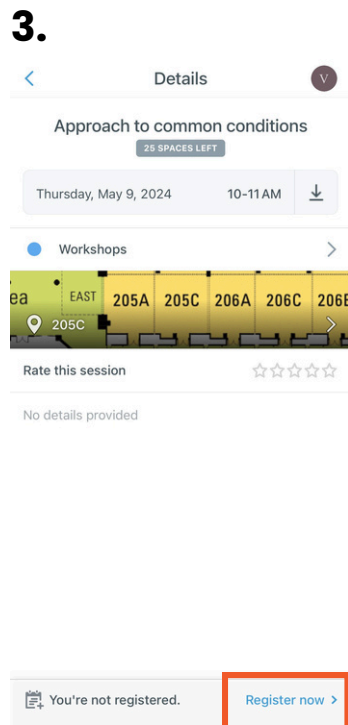
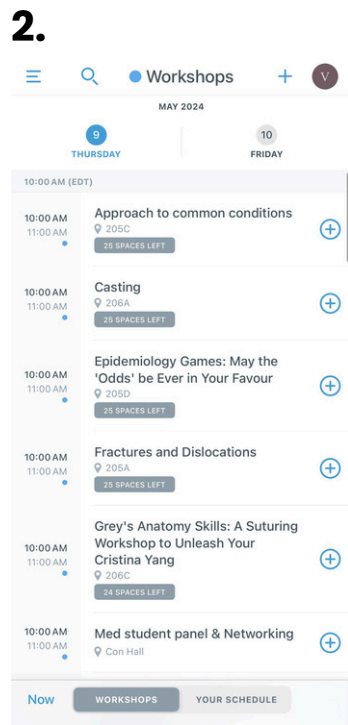
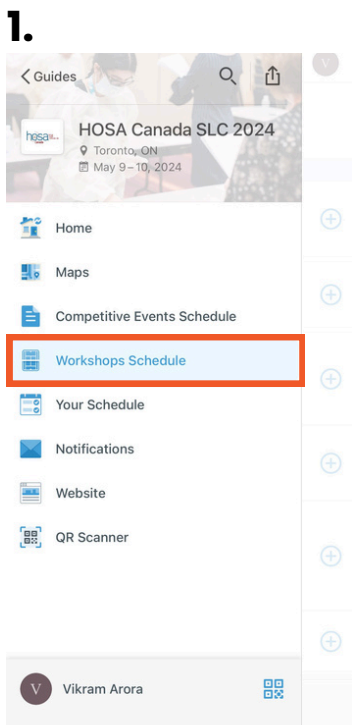
Online registration for workshops will **open on April 26 at 6pm EST** and **close on May 3 at 11:59pm EST**.

# REGISTRATION INSTRUCTIONS

Registration for workshops will be through Guidebook. Visit [this link](#) to download the app and access the SLC 2024 Guidebook. The app can be downloaded through the [App Store](#) or [Google Play Store](#).

Ensure that your Guidebook account uses the email associated with your HOSA Canada account (should be a Gmail). This is to ensure that you are a registered HOSA Canada member. If you do not use the correct email, your registration for the workshop will be voided.

Within the app, click *Workshops Schedule* to see the list of available workshops. Click *Register now* > for the workshop and your registration will be confirmed.



# SLC

# WORKSHOP DESCRIPTIONS



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# DECODING BLUE: WHAT HAPPENS WHEN YOUR PATIENT'S HEART STOPS?

## ***Approach at ACLS: Code Blue Simulation***

### **HOST:**

Janet Cheng, Siyuan Pan

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### **ROOM:**

Room 206E/F

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### **DATE:**

May 10 @ 10:00 AM - 4:00 PM

You're sitting the ED in the dead of night when the overhead speakers awaken – Code Blue, XXX Wing, Room YYY. It's your ward, your patient, your time to spring into action. As you make preparations with your team, however, the question flares in your mind – what do you do in such a scenario? Cardiac arrest is a terrifying thought for anyone, and the ability to provide Advanced Cardiac Life Support when it happens is one of the most crucial skills in healthcare. For patients, it can be the difference between life and death, between a family anticipating good news vs. a family anticipating grief. We will put you in those shoes first-hand through our workshop, teaching you the basics of a code blue and the ACLS protocol and preparing you for when you're on the front lines of saving a patient's life.

# ATTACKING CHEST PAIN

## ***Approach to Chest Pain***

Chest pain is a common complaint that you will see across all levels of healthcare whether you are in the emergency department or a family physician's office. This workshop will teach you the "can't miss diagnoses" of chest pain as well as key physical exam skills and investigations that are useful in helping you narrow down your differential diagnoses.

### **HOST:**

Sabrina Sikka

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### **ROOM:**

Room 205C

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### **DATE:**

May 9 @ 10:00 AM - 4:00 PM

## THE BEE'S KNEES

### ***Approach to Knee Exam and History***

**HOST:**

Sean Lifshits

---

**ROOM:**

Room 202C/D

---

**DATE:**

May 9 @ 10:00 AM - 4:00 PM

Our knees are extremely intricate structures that often handle a lot of repetitive and forceful movement. It's no doubt, then, that knee pain and injuries are a very common presentation, even beyond the world of sports medicine. This workshop will teach you the important structures of the knee, where it can go wrong, and how we can come to a more specific diagnosis using physical exam and history!

## WE HAVE AN X-RAY, NOW WHAT?

### ***Approach to X-Ray Interpretation***

X-rays are among the fastest, cheapest, and most effective ways to assess the human body in high acuity situations and initial diagnoses. They are the staple for so many fields including family medicine, internal medicine, surgery, emergency medicine, and more. Although the intricacies of X-ray interpretation are infinite, there are some basic principles to X ray interpretation that can make these images seem not as scary! This workup will serve as an introduction to X-ray interpretation, going over some basic principles to differentiate between what is normal and what is...not.

**HOST:**

Aaron Wen

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**ROOM:**

Room 205B

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**DATE:**

May 10 @ 10:00 AM - 4:00 PM

## HEADS UP FOR CONCUSSIONS!

### **Basics of Concussions**

Often called the “invisible injury”, concussions are common brain injuries that can occur in many settings from sports to motor vehicle accidents to falls! Although they affect many people, formal education surrounding concussion is lacking. Join this workshop to learn the basics of concussion recognition, management, and prevention with the opportunity to apply your knowledge to clinical cases at the end!

#### **HOST:**

Stefan Bianchi, Angelo Ricci

#### **ROOM:**

Room 205A

#### **DATE:**

May 10 @ 10:00 AM – 4:00 PM

## LISTEN TO YOUR HEART (AND LUNGS!)

### **Cardiorespiratory Exam and History-Taking**

#### **HOST:**

Thalia Hua

#### **ROOM:**

Room 205C

#### **DATE:**

May 10 @ 10:00 AM – 4:00 PM

The stethoscope is the most iconic medical instrument ... so how exactly does it work? Join this workshop to learn how to identify heart and lung conditions through various physical exams with an opportunity to listen to heart and lung sounds!

# CASTING BONES: A TALE OF STICKS AND STONES

## ***Casting Workshop***

Whether you've broken a bone or not, this workshop will explore how fractures are managed from diagnosis to treatment. Get hands on as we practice casting an arm. You'll leave with a solid foundation on one of the most common injuries of the musculoskeletal system.

### **HOST:**

Zack Hassan

### **ROOM:**

Room 203A/B

### **DATE:**

May 9 @ 10:00 AM - 4:00 PM

# THE SWEET SIDE OF DNA

## ***DNA Extraction***

DNA is the building block of life, something you've likely learned about in class. But, have you ever held DNA in your own hands? This workshop will explore the basics of DNA and allow you to extract DNA from some fruit, what could be sweeter!

### **HOST:**

Chloe Dai

### **ROOM:**

Room 206A

### **DATE:**

May 9 @ 10:00am - 1:00 pm

## SICKO MODE OR NOT? SPOT THE EMERGENCY IN THE EMERGENCY DEPARTMENT

### ***Emergency Department Simulation***

Have you ever wondered what it's like to work in an emergency department, and whether it's really like what they show on TV? Do you want to save a (simulated) life, and re-assure a patient their cough isn't COVID? This workshop will run through 3 tricky and exciting emergency department simulation cases to test your decision-making skills and become familiar with practical resuscitation equipment.

#### **HOST:**

Ryan Tse and Si-Cheng Dai

#### **ROOM:**

Room 206E/F

#### **DATE:**

May 9 @ 10:00 AM - 4:00 PM

## POPPING JOINTS - MASTERCLASS

### ***Fractures and Dislocations***

Car crashes to sports injuries alike can leave you with some gnarly broken bones. How do we put them back in place? Use both your brains and brawn (jk, brawn not required) at this hands-on interactive workshop.

#### **HOST:**

Hanson Liu

#### **ROOM:**

May 9: Room 205A

May 10: Room 206A

#### **DATE:**

May 9 & 10 @ 10:00 AM - 4:00 PM

## HEALTHCARE STUDENT PANEL & NETWORKING

**HOST:**

Healthcare Students

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**ROOM:**

Room 105/106/107

---

**DATE:**

May 9 @ 10:00 AM - 4:00 PM

Applying to University can be confusing, especially for those interested in pursuing healthcare. But don't fret, join our healthcare students to learn more about their unique undergraduate programs and journeys!

## DECODING THE HEART'S LANGUAGE

### *Interpreting ECGs*

This workshop will introduce you to the critical medical skill of interpreting ECGs. This skill is crucial in identifying cardiac emergencies and diagnosing, monitoring, and choosing treatments for cardiac conditions.

**HOST:**

Natasha Verhoeff

---

**ROOM:**

Room 206A

---

**DATE:**

May 9 @ 1:00 - 2:00 pm and 3:00 - 4:00 pm

## BEHIND THE CURTAIN

### ***Introduction to Anesthesia***

If you love critical care and helping people achieve their dreams, come check out Intro to Anesthesia! In this session we will introduce you to the field of anesthesia and all the cool roles anesthesiologists play in the healthcare world. We'll provide an overview of common anesthetic plans and an approach to anesthetic emergencies. You will get a chance to practice the history and physical exam and placing on vital monitors such as ECGs and blood pressure cuffs. You'll need-le take a look at our IV placement station where you'll learn how to start those large bore IV's! We promise this session will put you to sleep!

**HOST:**

Dorisa Meng

---

**ROOM:**

May 9: Room 205D  
May 10: Room 206B

---

**DATE:**

May 9 & 10 @ 10:00 AM - 4:00 PM

## INTRODUCTION TO CANCER

**HOST:**

Brynne Stewart

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**ROOM:**

May 9: Room 206D  
May 10: Room 203B

---

**DATE:**

May 9 @ 2:00 PM - 3:00 PM  
May 10 @ 11:00 AM - 3:00 PM

Almost half of Canadians will develop cancer in their lifetime, making it one of the greatest scientific and health challenges of our time. But, what exactly is cancer? In this interactive session, we will introduce and explore the basic concepts of cancer biology, clinical management, and careers in oncology.

# CARDIOPULMONARY RESCUSCITATION

## **Introduction to CPR**

Join us for an informative workshop on CPR fundamentals! Learn the essential skills and techniques needed to confidently respond in emergency situations. This workshop covers the basic principles of Cardio-Pulmonary Resuscitation (CPR), including chest compressions and rescue breathing. Participants will gain hands-on experience through interactive demonstrations and practice sessions. Don't miss this opportunity to learn about an extremely important skill!

### **HOST:**

Lori Lai

### **ROOM:**

May 9: Room 206D  
May 10: Room 205D

### **DATE:**

May 9 @ 10:00 AM - 12:00 PM  
May 10 @ 10:00 AM - 4:00 PM

# 'ODDS' BE EVER IN YOUR FAVOUR

## **Introduction to Epidemiology**

How often have you seen words such as sensitivity and specificity be thrown around in the media these past few years? Put on your detective hats and sharpen your skills of investigation by participating in this fun interactive workshop introducing fundamental epidemiology concepts, Hunger Games style. In this workshop you will learn different study designs, how to calculate and interpret basic health data, and be introduced to statistical software to help you along the way. Welcome to learners of all levels!

### **HOST:**

Dorisa Meng

### **ROOM:**

May 9: Room 205D  
May 10: Room 206B

### **DATE:**

May 9 & 10 @ 10:00 AM - 4:00 PM



# CRACKING THE (GENETIC) CODE

## ***Introduction to Genetics***

Genetics, once merely the stuff of science fiction, is now at the forefront of modern medicine and research science. In this session, we will firstly introduce basic concepts of inheritance, genetics, and laboratory testing. Then, we will apply these skills to solve a mystery!

### **HOST:**

Brynne Stewart

---

### **ROOM:**

May 9: Room 206D

May 10: Room 203B

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### **DATE:**

May 9 @ 1:00 PM - 4:00 PM

May 10 @ 10:00 AM - 4:00 PM

# GET YOUR LAB COAT ON

## ***Introduction to Research***

Have you ever wondered what goes on behind the scenes in scientific research? In this workshop, we'll introduce you to the exciting world of research and how you can get involved. From learning how to formulate a research question, to developing a hypothesis and conducting experiments, you'll get a taste of what it's like to be a scientist. We'll also discuss the different types of research opportunities available, from internships to volunteering, and how you can find the perfect fit for your interests and skills.

### **HOST:**

Meera Chopra

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### **ROOM:**

Room 205B

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### **DATE:**

May 9 @ 1:00 pm - 4:00 pm

## AN EYE-CONIC INTRODUCTION TO THE EYE

### ***Measuring Visual Acuity***

This workshop will provide you with hands-on training on how to measure quality of vision (visual acuity). This is a crucial skill for eye care professionals to prescribe glasses and identify pathologies of the eye.

#### **HOST:**

Natasha Verhoeff

#### **ROOM:**

Room 206A

#### **DATE:**

May 9 @ 2:00 PM – 3:00 PM

## POCUS: A WINDOW INTO THE BODY'S MYSTERIES

### ***Point-of-care ultrasound (POCUS)***

Stethoscopes and physical examinations have long been essential tools in medicine, offering insights into organ function and overall health. But what if we could go beyond listening and feeling to actually seeing inside a patient's body in real time? Welcome to the world of point-of-care ultrasound (POCUS), where we can assess organs directly at the bedside. This workshop will introduce you to the transformative power of POCUS in clinical settings. From diagnosing undifferentiated shock to assessing trauma, heart, lung, and abdominal conditions, POCUS is revolutionizing patient care. Join to get hands-on experience and learn how this technology is changing the way we approach healthcare.

#### **HOST:**

Ahmed Aldarraji

#### **ROOM:**

Room 206B

#### **DATE:**

May 9 @ 10:00 AM – 3:00 PM

## PUMP, PIPES, AND ELECTRICITY

### *Physiology of the Heart and Contemporary Cardiovascular Interventions*

**HOST:**

John Bauer

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**ROOM:**

Room 202A/B

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**DATE:**

May 9 @ 10:00am - 4:00 pm  
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Cardiovascular disease is the second leading killer of Canadians today. Luckily, new treatments are constantly being pioneered to unblock clogged arteries, restore organized electrical rhythm to the heart, and fix dysfunctional valves. Step inside the cardiac catheterization lab and hybrid cardiovascular operating room with John Bauer MRT(R), a medical student who spent 7 years helping perform these procedures before medical school. He will cover some basic cardiac physiology, and show images from real cases to demonstrate how to fix a broken heart.

## GREY'S ANATOMY SKILLS: A SUTURING WORKSHOP TO UNLEASH YOUR CRISTINA YANG

### *Suturing and Knot Tying*

Have you ever watched an episode of Grey's Anatomy and thought "wow, I want to be just like them in the future"? Well you are in luck as this workshop will get you partly there. In this session, we will be covering the basics of suturing and knot tying and everyone will have a chance to practice on their own. Don't forget to channel your inner Cristina Yang!

**HOST:**

Roxanna Wang

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**ROOM:**

Room 206C/D

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**DATE:**

May 9 & 10 @ 10:00 AM - 4:00 PM

# VIRTUAL WORKSHOPS

## EVIDENCE BASED MEDICINE 101

**HOST:**

Zobaida Al-Baldawi

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**ZOOM LINK:**

See Guidebook

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**DATE:**

May 10 @ 10:00 AM - 4:00 PM

***Intro to Epidemiology***

We often hear about evidence based medicine but what does that entail? In this workshop we will cover the basis of evidence based medicine: clinical epidemiology! We will delve into the basics of epidemiology, building an approach to how we can analyze clinical studies.