



# WELCOME GUIDE

FOR STUDENTS, PARENTS, AND GUARDIANS

## 2 YOUTH SUMMER PROGRAM **TABLE OF CONTENTS** WELCOME LETTER ...... 2 Contact Us **ABOUT US......3** University of Toronto Temerty Faculty of Medicine Division of Teaching Labs FORMS ...... 5 **Completing Supplemental** Forms **PROGRAM STRUCTURES. 6** Schedule & Supplies YOUR FIRST DAY......7 Maximize Your Experience **Transportation Tips** Safety Tips **FOR PARENTS ......15** Sign out, Illness & COVID-19 Safety Measures **FREQUENTLY ASKED QUESTIONS ......16 MEET OUR TEACHING** TEAM......17 **POLICIES, TERMS AND** CONDITIONS, WAIVERS. PRIVACY POLICY...... 19

**MED YSP** 

## Welcome!

Dear MED YSP Participant,

We are thrilled that you chose to attend the Temerty Faculty of Medicine's Youth Summer Program (MED YSP). This is an exciting opportunity for you to gain knowledge and experience in medical sciences at Canada's top university. MED YSP offers unrivaled academic programming combined with access to leading professors and world class facilities.

Whether you are attending one or all four modules, you are set to discover what you love about science with topics ranging from advances in stem cells, how drugs are discovered, to how microbes keep us healthy. You will learn about science fundamentals that are important for becoming a researcher, a physician, technician, or even a business entrepreneur!

You probably have some questions about what you should expect while attending MED YSP. This Welcome Guide is designed to help you learn more about the program and get you well prepared before your first day of class.

For any questions, please reach out to our office by email med.ysp@utoronto.ca.

Sincerely, Artur Jakubowski

MED YSP Program Coordinator









## **Questions?**

### Concerns?

We are here to help you!

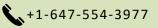
Monday-Friday

9 AM - 4 PM

#### CONTACT US

Temerty Faculty of Medicine's Youth Summer Program University of Toronto, Medical Sciences Building (Hosted by Division of Teaching Laboratories) 1 Kings College Circle, Room 2288A Toronto, ON M5S 1A8

www.ysp.utoronto.ca



🔍 +1-647-554-3977 📈 med.ysp@utoronto.ca



### University of Toronto Temerty Faculty of Medicine

Founded in 1843, the Faculty of Medicine catapulted onto the world stage with Sir Frederick Banting and Charles Best's discovery of insulin in the 1920s. In the 1950s, the implantable cardiac pacemaker was invented at the University. In recent years, the Faculty has led the way in the quest to link genes to disease, having identified genes responsible for muscular dystrophy, cystic fibrosis, Tay-Sachs, congenital blindness, Alzheimer's disease, and the T-cell receptor function relevant to immune disease. Talk to potential student and faculty recruits and it's often Toronto's large network of academic expertise that piques their interest: you can find an expert (or 10) in any discipline within the reach of U of T. The Temerty Faculty of Medicine ranks among the top academic medicine institutions in the world, whether measured in peer-reviewed publications, number of PhD candidates and post-doctoral trainees, or research funding totals. The Faculty has over 5,000 faculty members and 6,000 students, and with its hospital partners, the University of Toronto is the largest research entity in Canada, and one of the largest in North America.

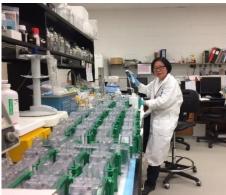
We are home to more than 6.4 million people and among the most ethnically diverse regions in the world. We are among the world's most productive academic medicine hubs, embodied by the Toronto Academic Health Science Network, which includes U of T and 13 affiliated academic hospitals, each of which holds national and international standing as leaders in their particular fields. Our mission is to prepare future leaders, contribute to our communities, and improve the health of individuals and populations through discovery, application, and communication of knowledge. Visit temertymedicine.utoronto.ca to learn more.



## **Division of Teaching Laboratories**

The Division of Teaching Laboratories (DTL) in the Faculty of Medicine hosts MED YSP. DTL's primary function is to provide laboratory space, technical support and expertise to the academic faculty in delivering MED YSP and undergraduate laboratory courses offered by various departments in the Faculty of Medicine. DTL is committed to enhancing the laboratory educational experience of our students. Together with the faculty, we strive to expose students to a wide variety of experimental techniques, from the most basic and classic laboratory skills to modern advanced technologies. As the world of research moves at an ever-faster pace, we are continually updating our services to provide new state-of-the-art equipment and facilities to provide our future researchers and clinicians with the most current and relevant training.







## Completing Supplemental Forms



Due June 1, 2025

We have a few questions that will help us ensure you have a good experience at the program. Please login to your Active.com account and ensure these supplemental forms are completed by June 1, 2025.



#### **Check List**

To ensure that your registration is complete, please use this checklist to guarantee that all the supplemental forms have been filled and submitted on the online registration system.

□ Supplementa	al Form
---------------	---------

Demo	graphic	Questions

- **Health Information**
- Emergency Contact(s)
- **Greater Toronto Area Housing Address**
- П Lab Coat Size
- П Anatomy Museum Form (only if attending 2 or more modules)
- Proof of health insurance (only if you do not have Canadian provincial/territorial health insurance

e.g., OHIP, AHCIP, etc.)

#### **Anatomy Museum Form**

This is only to be completed by students attending 2 or more weeks.

This form allows for students to visit the Anatomy Museum located in the Medical Sciences Building. Please print out the form, sign-it, and upload it back onto the online registration system.



#### **Proof of Health Insurance**

We require that all students carry sufficient medical insurance. If you are a Canadian student, please bring your provincial/territorial insurance documentation (e.g. OHIP card, AHCIP card, etc.) to the program, in the event you would need to use medical services. If you are an International student or a student that does not have medical insurance in Canada we require that you purchase health/travel insurance and upload proof (policy document) of medical coverage before you arrive at the program.

If you have any questions regarding submitting the forms, please contact our office.

## **Program Structure**

The four modules at MED YSP will be conducted on campus. Each module reflects the day-to-day life of university students through a highly structured, intensive week of labs, lectures, and discussions, ensuring a secure and robust learning environment. Activities will be provided synchronously, meaning that students will attend in-person lectures and perform labs all at the same time with support from teaching staff. Each module is designed to maximize interactions between students, professors, and instructors, in an engaging and friendly environment.



#### **Schedule**

\*Students will be provided with a detailed schedule before the start of each module. Below approximates how each module is organized.

Monday to Friday (5 days), all times are Eastern Daylight Time (EDT = GMT/UTC -4)

- 8:00AM-8:45AM Morning Attendance
- 9:00AM -12:00PM Labs/Lectures
- 12:00PM 1:15PM Lunch
- 1:15PM-5PM Labs/ Lectures

#### Teaching time:

- 1 1.5 hours each day with a professor/guest speaker
- 2.5 3 hours each day with an instructor

Sample Schedule					
	Monday	Tuesday	Wednesday	Thursday	Friday
9 - 10 AM	Lecture	Lecture	Lecture	Lecture	Labs
10 - 12 PM	I labs I labs I labs	Labs	Anatomy museum		
PIVI				Panel discussions	
12 - 1:15 PM	Lunch	Lunch	Lunch	Lunch	Lunch
1:15 - 2:15	Lecture	Lecture	Lecture	Lecture	Career talks
2:15 - 5 PM	Labs	Labs	Labs	Labs	The Great Game Show

<sup>\*</sup>In an effort to maximize student's exposure to modern laboratory techniques, and given the nature of scientifice experiments, on some days labs will start as early as 8 AM and on other days end at 5:30 PM. Students will be provided with a detailed schedule on the first day of the program



#### **Program Content**

The program covers the cost of all academic content, manuals, Person Protective Equipment, reagents, supplies, supervision and much more.

#### Lunch

Since lunch is not provided during the program, students are expected to either bring their own lunch or to buy one. If choosing to buy a lunch, there are a variety of restaurants, cafeterias, and food trucks on campus and in the immediate vicinity. Students can choose to eat in the Medical Sciences Building cafeteria or at surrounding restaurants.

## Transportation, Money, and Valuables

Aside from the cost of transportation, students may wish to buy lunch, snacks, or drinks on campus. If students are planning on buying lunch, we suggest they budget \$10-\$15/ meal. The rest is at your discretion. Students are responsible for any valuables they decide to bring with them. We are not responsible for any lost or stolen property and are brought with them at their own risk.

#### **Internet Access**

Students will also be able to access the University of Toronto's Wi-Fi network during their time at the program. Students will be given a username and password to access the Wi-Fi network. The Wi-Fi network can be accessed in any of the common areas and lecture rooms.

## **Maximize Your Experience**

If you are not able to arrive or depart at the scheduled times, please let us know and we'll do our best to accommodate your needs. Due to staff and space constraints, please do not bring your whole family on checkin day. It would be best if one parent/relative accompanies you. When you arrive at the Medical Sciences Building, head towards the David C. Naylor Student Commons by the Tim Hortons. You will be greeted by a MED YSP staff member, who will help you check in. We will all meet for a Welcome Orientation, safety training and then you will start off your first day doing experiments and meeting other students in the MED YSP.

#### CLOTHING / DRESSCODE

As students will be spending most of their time in the lab, it is mandatory that they follow these guidelines to ensure their own personal safety.

- Long pants to cover legs
- Closed toe shoes (i.e. no sandals or flats allowed)
- Hair tie/clip to put up long hair
- Other weather appropriate attire
- Health card (Canadian students)
- Travel health insurance (International students)



#### **WHAT TO BRING**

- Health Card (for Canadian students)
- Water bottle
- Lunch or money for lunch
- Sunscreen
- Medication (if needed)
- Laptop and/or tablet (required for some in-class activities, please contact our office if you need one to be provided)
- Pen & Paper/notebook for taking notes

## **Your First Day at Med YSP**

On the first Monday of your program, we will check you into the program.

#### Arrive and check-in between 8:00 and 8:30 AM

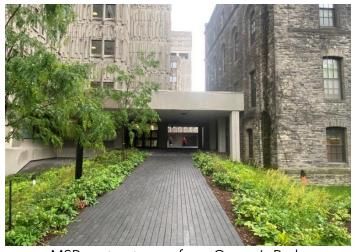
#### Arrive by public transportation / walking



You will be studying in the Medical Sciences Building (MSB) which can be accessed from the Queen's Park (east) entrance, shown on the map.

David C. Naylor Student Commons (aka Stone Lobby) Medical Sciences Building

1 Kings College Circle, Toronto, ON, M5S 1A8



MSB east entrance from Queen's Park.

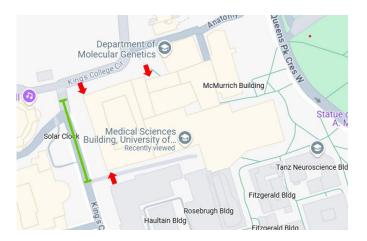
A Med YSP staff member will greet you, check you in to the program, and provide you with a name tag that you can use the entire week.



Lobby by the elevators.

If you experience any difficulty in locating MSB or the correct entrance, please call us at (647) 554 3977 and one of our team members will be happy to assist you.

#### Arrive by car



If you will be arriving at MSB by car, you should be dropped off at or near Kings College circle (in green). You may then enter from any of the 3 entrances (marked with red arrows). You will be greeted by a Med YSP staff at these entrances who will direct you to check-in.

David C. Naylor Student Commons (aka Stone Lobby) Medical Sciences Building 1 Kings College Circle, Toronto, ON, M5S 1A8

## Transportation to the Program

Take a look inside <u>Google Map Link</u> to Medical Sciences, Building, 1 King's College Circle, M5S 1A8, Toronto, Ontario

Students are responsible for their own transportation to and from the program every day.

#### By TTC (Toronto Transit Commission

MED YPS program is located at the Medical Sciences Building, just steps away from Queen's Park Subway Station and at the center of the St. George Campus. The <u>TTC</u> offers buses, streetcars, and subways throughout the city of Toronto with the option to connect to public transport in other municipalities.

#### TTC Fare, Passes and Transfer

You will need a <u>PRESTO</u> card and or PRESTO ticket, exact cash or a credit card to pay for your fare at the TTC. Streetcar and bus operators do not sell fares or carry change. For more information on how to purchase TTC fares and Passes, please visit: <u>How to buy fares and passes (ttc.ca)</u>

Customers can take advantage of TTC's 2-hour transfer to enter and exit any TTC operated vehicles as much as you'd like within a 2 hour period. For more information please visit: <a href="Transfers (ttc.ca">Transfers (ttc.ca)</a> For more information about using the TTC and to plan your route, please visit their website at <a href="TTC.ca">TTC.ca</a>

#### By GO Transit

Go Transit provides both bus and train routes, as well as transport to a variety of regions outside the downtown core. For students planning to take GO transit they will likely need to use the TTC to arrive closer to Campus. For more information about using the TTC please see above.

#### Planning your route

GO transit helps to plan your route if traveling within the Greater Toronto and Hamilton Area using Triplinx or more generally using Google Transit Trip Planner.

#### **GO Transit Fare**

GO train fares will vary depending on the method of payment and distance covered. GO trains require either a paper ticket or a PRESTO card to pay the fare. Tickets can be purchased at the train station from either the ma- chine or from a service attendant. If arriving from the Greater Toronto and Greater Hamilton Area, you can also use PRESTO cards as a fare payment system. Youth between the age of 13 to 19 is also eligible for the Youth fare discount, for more information please visit: New Fare Discounts | GO Transit

For more information about GO transit and to plan your route, please visit their website at GO Transit | Regional Public Transit Service for the GTHA

#### By Car

YSP program is located in the downtown Toronto core (St. George Campus), students would be required to arrive and depart during peak rush hour times. As a result, please take into account the additional time delays that may occur. Parking can be found throughout the downtown core. If planning to park, please consider the cost of parking as well as the additional time required to find a location and walk over.

## **Discover UofT and Toronto!**

#### Visitors to Toronto and the GTA

The largest city in Canada with over 2.8 million residents, Toronto is diverse, busy, and multicultural. Visitors around the globe come here to enjoy world-class dining, entertainment, and education in one of the safest and transit friendly cities in the world

#### Things to do in Toronto

In Toronto you will find some of the best attractions, museums, and hidden sites.

#### **Family Fun**

#### Take in the View at The CN Tower

- Visit the Royal Ontario Museum
- Escape the City in the Toronto Zoo
- Tour the Art Gallery of Ontario
- Day trip to Niagara Falls
- Visit the Ripley's Aquarium of Canada
- Walk along the Waterfront and sail off to the Toronto Islands
- Learn about Canada's great Hockey heroes at the Hockey Hall of Fame

#### **Culture and Entertainment**

- Visit a Canadian Castle at Casa Loma
- See the Sign at Nathan Philips Square
- Marvel at the Murals from local artist in Graffiti Alley
- Discover diverse and cheap bites in Kensington Market
- Visit Greek Town along Danforth for Authentic Greek Cuisine
- Boutique Shopping on Bloor West and Yorkville

For more visitor information, please visit our recommended site at <u>Visit Toronto | Destination</u> <u>Toronto</u>

#### Places to Stay in Toronto

Boarding will not be provided by the MED YSP program, the participants are responsible for their own boarding cost and choices.

The University of Toronto offers the convince of living on campus to members of the public at a reduced cost during the summer session, for information regarding eligibility; accommodation style; application; pricing; locations and Off-Campus living option please visit Summer residence - UofT Student Life (utoronto.ca)

The city of Toronto also offers a variety of short-term stay options from hotels downtown to local vacation rentals, for more information, please visit: Where to Stay in Toronto | Destination Toronto

#### Visit U of T

The University of Toronto has three beautiful campuses to offer future and current students to learn and network. We invite you take the advantage of our campus tours that are offered year around and the opportunity to speak with current students to learn about their experiences at U of T. All three campus offer both in-person and Virtual tours. Registration is required for all visitors who would like to participate in the In-Person guided tours. To Register please visit: <a href="Campus Tours - Future Students">Campus Tours - Future Students</a>. University of Toronto | University of Toronto (utoronto.ca)



#### **SafeTO**

The city of Toronto promotes and celebrates the wellbeing of all residents and visitors. Toronto is committed to a long-term promise of community safety and effective governance structures have been implemented. When Police, Medical or Fire Emergencies occur, call 9-1-1.

#### **Campus Safety**

Student safety is number one priority at the University of Toronto and campus safety is here to assist you. If at any moment you feel unsafe or are worried about becoming a target of a dangerous situation, call Campus safety (416-978-2222) or 911 immediately.

All students are encouraged to download the U of T Campus Safety App, available for free at Google Play and the Apple Store. The U of T safety App includes key features of Live chat with Campus Safety; connecting with U of t Safety Staff in real time, Safe Travel tips, user on-campus location monitoring by Campus Safety and many more. For more information on the Campus Safety App, please visit: U of T Safety App | Campus Safety (utoronto.ca)

For additional campus safety tips, please visit General Safety Tips – Community Safety Office (utoronto.ca)

#### **Public Transit Safety**

Toronto is one of the world's safest cities, but it can also be a big and unfamiliar place for many students. Students should familiarize themselves with the city and how to get to and from University of Toronto, St. George Campus.

The Toronto Transit Commission (TTC) and the Metrolinx, GO Transit are committed to helping every traveler. Operators, Station Collectors, Special Constables, Transit safety officers and supervisory personnel are prepared to assist travelers at all times. Both TTC and Go-Transit personnel can be easily identified by their uniforms and high Visibility Vests.

For all emergencies onboard the trains, please push the yellow strips to activate the Emergency Alarm. When the Alarm is activated, the train will proceed to the next station, 911 will be notified and Transit Control will be made aware of the emergencies on-board of train.

In the Case of non-emergency, for customers who feel unwell or is waiting on the platform, use the intercom at the Designated Waiting Area (DAW). This will notify the Station Collector to dispatch help as required. Video surveillance cameras are also installed throughout the stations for criminal, safety, security, and evidentiary reasons. (photo) When on the platform, staying well behind the Yellow line keeps passengers at a safe distance from oncoming or departing trains and always be aware of your surroundings.

For additional tips and information on how to commute safe, visit U of T's community safety webpage at Public Transit Safety Tips – Community Safety Office (utoronto.ca)

#### **Social Media Safety**

Social media has become an integral part of our lives and sharing photos on social media can be a fun way to interact with your peers. However, it's important stay precautious and stay safe. There are a few key tips that students should keep in mind.

Firstly, never share personal information, such as your full name, address, or phone number online. Secondly, it's important to consider the privacy settings on your social media account and ensure that only trusted friends can see your photos. Thirdly, students should be careful about what photos they share; respect consents from others and avoid sharing any images that could be embarrassing or potentially harmful. Lastly, always report any bullying, harassment, or inappropriate content. By following these tips, students can enjoy social media while staying safe and protected online.

## **Stay Informed = Stay Safe**

The campuses of the University of Toronto are one of the safest in the city thanks to the incredible work by the Campus Safety and Special Constable teams. However, when it comes to safety, staying informed = staying safe. UofT has numerous resources to keep its community informed of safety related information. Two such resources are the Alertable app which provides safety information for the entire city and the UofT Safey app which is exclusive to the University.

#### Alertable

Emergency notification system for daily incidents in Canada

Provides alerts and mass notifications to keep you informed of daily incidents and emergencies across any area you select whether it be your community, school, or workplace.







#### **UofT Safety App**

Personal safety app developed in partnership with the Community Safety Office

Live chat with Campus Safety, connecting with U of T safety staff in real-time; TravelSafer, allowing Campus Safety to monitor a user's route while travelling in and around campus; and mobile Bluelight, which sends the user's on-campus location to Campus Safety in a case of crisis. Additional features - such as Friend Walk and Support Services - assist users anywhere in the world.







### **For Parents**

MED YSP is a program designed to provide a university experience to high school students. The program provides students with opportunities to learn scientific concepts and meet other students with similar passions. Wask that parents respect other students' privacy and refrain from attending the program. Rest assured; your child will share their experience with you.





Sign-outs

If you would like your child to leave during the program (e.g. doctors appointment, etc.) we must receive a written notice via email from you at least 24 hours in advance. Please have the parent/guardian who registered the student send an email to med.ysp@utoronto.ca with the student's full name and the sign-out date in the subject line (e.g. Jane Smith, Sign-out, July 12).

Please include the following information in your email:

- 1) The student's full name
- 2) Team they are on (e.g. red, etc.) -- this will be known on the first day of the program
- 3) What time they are leaving
- 4) What time they are returning

#### Illness

If feeling ill during the day, a student may approach their instructor to tell them that they are not feeling well. If the condition is not serious, they may go to a clinic when it is open. If the condition is serious and it is an emergency, the student will be taken to a hospital immediately. In the unlikely event of a medical emergency, a staff member will accompany the student(s) to one of Toronto's hospitals, many of which are located near the University of Toronto campus. We ask that you fill in and submit the Emergency Contact form so that we may contact the appropriate person in the case of an emergency.

Additionally if you are a student without provincial/territorial medical insurance (e.g. OHIP, AHCIP, etc) we require that you purchase medical/travel insurance for the duration of your time during the program. You will be required to provide proof of purchase as a supplemental document.

If you are experiencing symptoms of illness and need to stay home, please have your parent/guardian that registered you for the program email the YSP Office at <a href="med.ysp@utoronto.ca">med.ysp@utoronto.ca</a> BEFORE your class so that we can notify your instructor. In the email please include the student's full name and that they are sick in the subject line. (e.g. Jane Smith is sick).

_		
	<b>?</b> `	
•		

**ACTIVE account?** 



I'm not feeling well during one of the days, what should I do?	If you experience symptoms of illness and needs to stay home, please have your parent/guardian to contact our office via email at med.ysp@utoroton.ca for us to notify our program instructors.
Does YSP offer either high school or university credit?	No. Although participation in the YSP program will look very good on a resume, it is an enrichment program and cannot be exchanged for any academic credit.
	If you registered before May 15, 2025, and you notify us before May 15, 2025, midnight, then you will receive a 100% refund of the module fee(s) only. The registration fee (distinct from the module fee) of \$98 is not refundable.
What is your cancellation policy?	If you registered after May 15, 2025, and change your mind, the module fee(s) are eligible for a full refund if you notify us by email within 48 hours from the time you registered for the program (i.e. 48-hour grace period). All registrations are considered final (i.e. non-refundable) after 48 hours. The registration fee (distinct from the module fee) of \$98 is not refundable.
How will I connect with my classmates and teaching staff during the program?	We are committed to ensuring that each program participant has a great time during the YSP, whether in person or online. We will use teaching strategies such as icebreakers, engaging activities, small group discussions, breakout rooms and group work to ensure participants are successfully able to connect with each other during this time of physical distancing.
Does YSP offer either high school or university credit?	YSP is a non-credit, Module based program.
My child told me they have an issue with another student. What can they do?	The first step for the student is to talk to an instructor. If the problem still is not resolved, the program coordinator will intervene. If you are still concerned, please feel free to contact our office about this matter. We will do our best to resolve this matter as quickly as possible.
Will YSP guarantee me admission to medical school?	No. At least three years of undergraduate studies are required before you can apply to medical school.
How do I sign back into my	You can sign back into your ACTIVE account using this link:

https://campsself.active.com/University of Toronto YSP



## **T** Meet our Teaching Team

#### **Faculty Leads**

#### **Human Physiology** module

#### **Dr. Christine Wong**

**Assistant Professor** Department of Physiology University of Toronto

#### **Molecular Biology and** Genetics module

#### Dr. Alexander F. Palazzo

Associate Professor Department of Biochemistry University of Toronto

#### **Pharmacology & Toxicology** module

#### Dr. Leonardo Salmena

**Associate Professor** Department of Pharmacology & Toxicology University of Toronto

#### Microbiology module

Dr. Natasha Christie

Director, Emerging and Pandemic Infections Consortium (EPIC), University of Toronto

#### **MED YSP Instructors**

MED YSP Instructors come from diverse academic backgrounds that span the fields of human biology, microbiology, biochemistry, physiology to toxicology and allow instructors to work collaboratively during the program to deliver the four one-week long

#### modules. **Anka Stefanovic**

4th year Undergraduate University of Toronto **Physiology Major** Cell & Molecular Biology Major

#### **Amber Spatare**

University of Toronto Cell & Molecular Biology Major Health & Disease Specialist

4<sup>th</sup> year Undergraduate

#### Alice Chan

3<sup>rd</sup> year Undergraduate University of Toronto Molecular Biology Specialist

#### André Lin

3<sup>rd</sup> year Undergraduate University of Toronto Molecular Genetics and Microbiology Major Fundamental Genetics and Its **Applications Major** Computer Science Minor

#### **Javid Guliyev**

4<sup>th</sup> year Undergraduate University of Toronto **Biochemistry Major** Molecular Genetics and Microbiology Major **Immunology Minor** 

#### **Landon See**

4<sup>th</sup> year Undergraduate University of Toronto Laboratory Medicine and Pathobiology Specialist. Biochemistry Major. Science, Technology, and Society Minor

#### Stella Luke

3<sup>rd</sup> year Undergraduate University of Toronto **Biochemistry Major Human Biology Major Psychology Minor** 

#### **Erin Park**

3<sup>rd</sup> year Undergraduate University of Toronto Health and Disease Major **Nutritional Sciences Major** 

#### **Hema Sampat**

3<sup>rd</sup> year Undergraduate University of Toronto Molecular Genetics and Microbiology Major Cell & Molecular Biology Major **Biochemistry Specialist** 

#### **Ziad Nashed**

2<sup>nd</sup> year Undergraduate University of Toronto **Neuroscience Major** Immunology Major

#### **Anu Singh**

4<sup>th</sup> year Undergraduate University of Toronto Immunology Major Health and Disease Major

#### Madeline (Mads) Loewith

4th year Undergraduate University of Toronto Forensic Biology Specialist **Biology Minor** 

#### Gibeom (Alex) Park

**Braydon Rhody** 

4<sup>th</sup> year Undergraduate

Biochemistry Specialist

University of Toronto

4<sup>Th</sup> year Undergraduate University of Toronto Cell & Molecular Biology Immunology Major

#### Melissa Beltran

Student Experience Guru 3<sup>rd</sup> year Undergraduate University of Toronto Biology for Health Sciences Major Psychology Major



#### **Instructors**

MED YSP has a fantastic team of university students that act as instructors during the program. In order to ensure the quality of delivery, the process of selecting instructors is rigorous to ensure that only those individuals with the necessary skill, experience and passion, for sharing their knowledge and inspiring a younger generation of students, are hired. The instructors are great resources for students and are more than happy to help. Don't be shy - ask questions!

#### **Lab Safety**

All Students are required to complete the General Laboratory, Chemical and Biosafety training course prior to conducting an experiment in a lab at U of T. This course is to be completed online prior to the start of the program. Detailed instructions will be provided closer to the start date.

Additionally, on the first day of each module, students will receive an in-person safety instruction presentation. This includes lab rules and procedures. Students are expected to always wear appropriate lab attire during the program. In the lab this includes closed toe shoes, long pants, and a hair tie for long hair. We will be providing students with a lab coat on the first day.

# MED YSP 2025 Policies, Terms and Conditions, Waivers, Media Release Form, and Privacy Policy

The following is a copy of waivers and forms that have been agreed to during the registration process

These terms and conditions apply to all programming at the Temerty Faculty of Medicine Youth Summer Program (MED YSP):

- In-person;
- Online
- Hybrid

## **Program Terms and Conditions**

#### 1. Withdrawals/Cancellation Policy

The registration fee of \$98.00 CAD is non-refundable.

#### If you register before Wednesday, May 14, 2025.

If you registered before May 14, 2025, and you notify us before May 14, 2025, midnight EST, then you will receive a 100% refund of the module fee(s) only. The registration fee (distinct from the module fee) of \$98 is not refundable.

#### If you register for a module on or after May 14, 2025.

If you registered on or after May 14, 2025, and change your mind, the module fee(s) are eligible for a full refund if you notify us by email within 48 hours from the time you registered for the program (i.e. 48-hour grace period). All registrations are considered final (i.e. non-refundable) after 48 hours. The \$98 registration fee (distinct from the module fee) is not refundable.

#### For in-person/hybrid programming

If a participant cannot attend or is unable to complete the program due to COVID-19 related sickness, please contact us as early as possible. We will provide you with a prorated refund.

#### Credit Balance Expiry Date

If a credit is issued it will be held in your account for three (3) years starting from the date the refund was issued.

#### 2. Transfers within the same Faculty

We will accommodate requests to transfer your registration from your original registered module to another module in the same Faculty (i.e. Faculty of Medicine or Faculty of Law), at no cost, provided that:

- a. Your request is made at least two weeks in advance of both the original module and the requested module's start date.
- b. Space is available in the requested module.
- c. The original module and the requested module take place in the same calendar year.

If no space is available in your requested module, you will be given the option to be placed on the wait list and you will be subject to our wait list policies, outlined below.

#### 3. Transfers between Faculties:

Transfers are not permitted between Faculties. However, participants can attend both Law YSP and Med YSP programs independently, as long as the dates of the modules do not overlap. If a participant requests to "transfer" between the two programs, we would need the participant to cancel their registration in one of their Faculties and register in the other Faculty.

#### 4. Modifications and Cancellations

The University of Toronto Youth Summer Program may modify, add, or delete activities from the program and individual modules at its sole discretion. In the very rare case where a module is cancelled because of low enrolment, we will endeavor to give you as much notice as possible. We will transfer registrations to another module if you are interested and if space allows. Otherwise, we will provide you with a full refund of the module fee and registration fee.

In the event an in-person/hybrid program cannot take place due to public health restrictions (e.g. COVID-19), the programming will be moved online. If new restrictions come into effect, then it is possible that we may have to move some in-person course components online. Adjustments to course delivery will be made according to public health guidelines if required at that time.

COVID U of T FAQ

#### 5. Waitlist

Wait lists enable you to "line up" for a space that might become available in a module that is full. If a space becomes available for you, you will be contacted by email. You will have 48 hours to respond and confirm your participation, at which point we will process the appropriate module and registration fees. If the automated system does not hear back from you within 48 hours, you will be removed from the waitlist and the space will be made available to another applicant.

There are no fees associated with being on the wait list for a module, but if you are enrolled from the wait list, you will automatically be charged the appropriate module and registration fees if you confirm participation within 48 hours, as noted above.

To join the waitlist, follow the same procedure as registering for the module.

#### 6. Completion of Supplemental Forms

The Supplemental Forms are part of your Registration. You must complete all Supplemental Forms at least one week before the start of the module, after which date your Registration will be deemed incomplete and the participant's spot may be made available to the next person on the wait list. No refund of module fee or registration fees will be given.

#### 7. Electronic Communication

Email is the primary way that we communicate with participants before, during, and after the University of Toronto Youth Summer Program. Please make sure that you update us with any changes to your email address, and that your spam blocker permits emails to get through. By accepting terms and conditions you give us permission to contact you, parent/guardian and/or participant, by email and/or phone for matters relating to program administration.

Participants will use electronic platforms, and we require that they use their own email address and not that of a parent/guardian.

#### 8. Accessing Online Programs

The classroom, whether physical or virtual, is intended to be a safe and secure environment for learning. As such, online programming is intended for students and not for parents/guardians. Only the registered participant may participate in the online programming.

Parents/Guardians and the participants must not share any login information and resources with anyone outside the YSP program.

Parents/Guardians and the participant must not photograph, videotape and/or audiotape themselves or others during the online portion of the Program.

#### 9. Online Learning Services

#### In-person/Online/Hybrid programming

The Quercus and Labster platforms are used by YSP for the summer. Participants' access to Quercus and Labster will expire at the conclusion of their participation in YSP, August 31, 2025, and information that is uploaded to these platforms and not otherwise saved will not be recoverable by YSP after that time.

#### 10. Tax Receipt

MED YSP is an experiential learning program and is not accredited by the Ministry of Colleges and Universities. The module and registration fee is not considered tuition by the CRA and therefore no tax receipt (i.e. form T2202A) shall be issued.

#### 11. Certificates

Certificates will be issued to participants in good standing that meet the following criteria:

- Minimum 80% attendance record
- Minimum 80% completion of assignments

#### 12. Attendance

Attendance is checked twice per day: a) morning check-in and b) afternoon check-in.

#### In-person programming

• Participants must be physically present in the facility to be marked as present.

#### Online/Hybrid programming

- Participants will be called upon to provide input and answer questions in chat
- Participants will be divided into groups where they will interact with other participants
- If a participant is called upon and doesn't answer within chat/microphone they will be marked as absent.

#### Offline Mode:

Some students may choose to attend the online program in offline mode, meaning they can't be
present for the live lectures, virtual labs, and discussions due to time zone, scheduling, or other
restrictions.

- Offline Mode is permitted for those who cannot participate in the live lectures for reasons including but not limited to time zone differences, scheduling conflicts and/or other restrictions. The teaching team will offer academic and all course content related support via email Monday to Friday, 9 AM to 5 PM EDT during the module dates.
- The administrative team will offer technical support via email Monday to Friday, 8AM to 5PM EDT until August 31, 2025.
- Offline Mode participants will have until August 18, 2025, to complete minimum 80% of the assignments in order to receive a certificate.

#### 13. Incidental costs

The participant will cover any incidental costs

- Purchase of supplies needed for at-home activities
- Meals
- Transportation costs
- Lodging costs (i.e. accommodation)

In the case of unforeseeable circumstances that affect a participant's ability to cover these incidental costs, please contact us and we will work with you to reach solution.

#### 14. Vaccination requirement and Health Assessment (subject to Public Health guidelines)

For in-person/hybrid programming

- Students participating in in-person programs at the University of Toronto must be fully vaccinated against COVID-19 (14 days after receiving the recommended number of doses of a Health Canadaapproved vaccine) and provide proof of vaccination.
- Health Canada approved vaccines: https://www.canada.ca/en/health-canada/services/drugs-health-products/covid19-industry/drugs-vaccines-treatments/vaccines.html
- UofT vaccination requirement: https://www.utoronto.ca/utogether/vaccines#vaccine-requirement
- Only registered participants will be allowed on University of Toronto property
- Participants will complete a daily health checklist (online questionnaire regarding symptoms and COVID19 exposure)

#### For online programming

Participants attending the program from their homes who will not be on the University of Toronto campus, there is no vaccine requirement.

#### 15. Lab Safety

#### For in-person/hybrid programming

Participants will follow all UofT lab safety protocols as directed by their instructors.

#### For online programming

• Participants partaking in at-home lab activities must carefully follow the safety protocols outlined in their lab manual to avoid harm.

#### 16 Medical Insurance / Health Insurance / Travel Insurance

For in-person/hybrid programming

- We require that all students carry sufficient medical insurance. If you are a Canadian student please bring your provincial/territorial insurance documentation (e.g. OHIP card, AHCIP card, etc.) to the program, in the event you would need to use medical services.
- If you are an International student or a student that does not have medical insurance in Canada we require that you purchase health/travel insurance and upload proof (policy document) of medical coverage before you arrive at the program.

#### For online programming

· Not applicable.

Students that don't have medical insurance will not be allowed to participate in activities until they show proof of insurance.

## **Behavioural Expectations**

This applies to in-person, hybrid, and online programming.

Participants are expected to help create a positive, safe, and inclusive space at the University of Toronto Youth Summer Program (YSP). The University's expectation is that all participants will read and familiarize themselves with the following set of expectations in advance of participating in the YSP and the expectations will also be reviewed at the start of each module.

While attending the YSP, participant behaviour expectations include, but are not limited to:

- Complying with applicable University of Toronto policies and procedures and reasonable direction and instruction from YSP staff;
- Treating everyone with respect, including when differences in opinion arise;
- Seeking help from YSP staff to resolve problems proactively and cooperatively;
- Being punctual
- Attending and participating fully in all YSP activities; and
- Notifying YSP staff in case of illness.

The following actions and behaviours, regardless of whether engaged in online or in-person learning, are clearly inconsistent with the University's expectations for participation in this community and are prohibited:

- Bullying other participants or YSP staff whether it is in person or through technology like cell phones, social media, or email;
- Engaging in activity that compromises the physical or emotional safety of themselves or others;
- Using any object to threaten people or make people feel uncomfortable or unsafe;
- Being under the influence of drugs, or alcohol during participation at the YSP;
- Saying or doing things that hurt other people or might make people feel uncomfortable;
- Damaging University of Toronto property or systems intentionally.

Participants are expected to familiarize themselves with the University's Appropriate Use of Information Communication Technology Policy (https://www.provost.utoronto.ca/planning-policy/information-communication-technology-appropriate-use/) and to act in accordance with its terms, including avoiding all "inappropriate uses" described therein.

For further clarity, YSP students should be mindful of the following principles and expectations:

- The classroom, whether physical or virtual, is intended to be a safe and secure environment for learning.
- Pay careful attention to your instructors' rules and guidance regarding the sharing of class learning materials, permitted forms of collaboration, and other behaviours related to remote learning.
- Participants are responsible for maintaining the privacy of their class and its participants.
- Some portions of the online program such as lectures may be recorded to provide a learning resource
  for student use. Participants may not download or share these recordings with anyone, for any reason,
  without the explicit consent of the instructor.
- The intentional sharing of learning materials or private information with external groups or individuals, without the written permission of the lecturer or instructor is not permitted and may lead to termination of participation in the YSP and in future years.
- The deliberate sharing of private information, private images, communications, learning materials or other depictions of other participants or your instructors for the purpose of inviting external commentary, ridicule, or embarrassment, is not permitted and may lead to termination of participation in the YSP and in future years.
- Ultimately, our classrooms are communities built on trust and our learning and teaching relies upon a shared sense of respect, integrity, and common purpose.

#### **Responsible Use of Technological Resources**

University information technology resources exist to support the educational mission at the University of Toronto. Participants using the University's technology and technology-related resources must act ethically. Students are expected to take special care to protect the privacy of this community from unintentional harms as well as external interference. Moreover, as a general rule, University faculty (or, under certain circumstances, the University itself) retain intellectual property rights in any learning materials (e.g., videos, exams, problem sets, case studies, etc.) shared with or made available to YSP participants. Accordingly, YSP participants should not distribute any such learning materials outside the program, whether such distribution occurs online, electronically, or otherwise, without first obtaining the instructor's written permission.

#### **Online Learning Environment**

Online collaboration will make participants' environments audible and visible to other participants. Parents/guardians are expected to provide a space from which participants can participate that is supportive and free from inappropriate content or situations, including violence, profanity, and nudity.

When using services where a student has a profile photo, for example, UofT's Learning Management System (Quercus) and Zoom, students are required to upload a profile photo of themselves. This is to facilitate a welcoming and professional environment for everyone; it also helps with attendance; and ensures registered participants are attending class. If students upload inappropriate photos or photos not of themselves, they can be removed from the program.

#### **Resolution Process**

YSP staff will intervene and assist if participant behaviour is problematic. Usually, one-on-one or small-group conversations are effective in resolving problems. Staff are instructed to inform one of our leadership team members of inappropriate participant behaviour. Sometimes, our YSP leadership team may contact parents/guardians when participant behaviour is especially concerning and when the participant is a minor.

Staff may remove participant privileges, and, if necessary, in the sole discretion of the University, expel a participant, if a participant does not behave appropriately at the YSP.

Any non-compliance with the Expectations of Behaviour, and/or reasonable direction of the YSP staff, may result in the participant's immediate expulsion from the YSP and under certain circumstances Campus Police and/or the Toronto Police Service may be notified.

Any costs incurred as a result of the participant's expulsion from the YSP will be solely my responsibility and no refund of program or registration fees will be provided.

## **Media Release Form**

I, the program participant, or the parent/guardian of the program participant ("Participant"), grant my permission for University of Toronto ("University") to photograph, videotape and/or audiotape myself or my child during the online portion of the Program. These photographs/videos/audios will remain the property of the University.

I hereby grant the University of Toronto ("University") the right to reproduce, use, display, broadcast and distribute photographic images of the participant for use in connection with the University, including for the purpose of promoting, publicizing or explaining the University's Youth Summer Program. This permission includes, without limitation, the right to publish such images in University-related publications, including University websites, newsletters and social media, along with other promotional material, such as fundraising or other advertisement material. These images may appear in a wide variety of formats and media, including but not limited to print, broadcast, videotape and electronic/online media. This permission acknowledges that the participant will not receive any fees for the use of their photographic image, as detailed above, now or in the future.

# University of Toronto Notice of Collection (Privacy Policy)

The University of Toronto respects your privacy. By registering for the University of Toronto's Youth Summer Program, I consent to the collection of my personal information or that for whom I am legally responsible for the purposes described below.

Personal information that you provide to the University is collected for the purpose of registration and administering the program. At all times it will be protected in accordance with the Freedom of Information and Protection of Privacy Act. If you have questions, please refer to www.utoronto.ca/privacy or contact the University Freedom of Information and Protection of Privacy Coordinator at 416-946-7303, McMurrich Building, room 104, 12 Queen's Park Crescent West, Toronto, ON, M5S 1A8.

Further resources: http://www.fippa.utoronto.ca

## Informed Consent and Waiver Agreement

I/We the UNDERSIGNED, hereby acknowledge that I have read and fully understand the risks, limitations, conditions of use, and instructions for use to participate in YSP as described above. I understand and accept the risks.

#### In particular:

- I give my consent for my child, the participant, to join in all portions of YSP. I acknowledge and agree to the participant using electronic communications with a full understanding of the risks in doing so.
- I, acknowledge that certain risks of injury are inherent to participation in hands-on science and/or
  other program activities. These types of injuries may be minor or serious and may result from a
  participant's own actions, or the actions of others, or a combination of both. I understand that the
  rules and regulations are designed for the safety and protection of participants and hereby undertake
  that the participant will abide by these rules and regulations.
- I confirm the participant is physically able to participate in the Youth Summer Program and understand that the choice to participate brings with it the assumption of such risk. I agree that the Governing Council of the University of Toronto, the Faculty of Medicine, the Faculty of Law, and those for whom the University is responsible at law shall not be liable for any injury to the participant or loss or damage to the participant's personal property arising from their participation in the Program, unless such injury, loss, or damage is caused by sole negligence of the University of Toronto, or those for whom the University is responsible at law, while acting within the scope of their duties.
- I agree to allow the participant to receive basic first aid/medical care from staff certified in first aid or trained medical professionals if necessary.
- I understand that YSP may contact me and/or the participant, by email and/or phone for matters relating to program administration.
- By registering for the University of Toronto's Youth Summer Program, I consent to the collection of my personal information or that for whom I am legally responsible for the purposes of registration and administering the program.
- I agree that only the registered participant will participate in the online programming.
- I agree that I (Parent/Guardian) and the participant will not share any login information and resources with anyone outside the YSP program.
- I agree that I (Parent/Guardian) and the participant will not photograph, videotape and/or audiotape ourselves or others during the online portion of the Program.
- I understand and confirm that the video and/or audio will not be recorded and will only be used "in real time."
- I understand that the participant requires a private and quiet space to participate in YSP.
- I consent to YSP sharing personal information about the participant (first name, last name, and email address) with third parties for the purpose of accessing web-based educational services.
- I understand that participants may be required to create accounts for external web-based educational tools using their email address.
- I understand that email is the primary way that YSP communicates with participants before, during, and after the program and agree to update YSP with any changes to their email address, and adjust spam blockers, if required.
- I confirm that I (Parent/Guardian) and the participant have read and understood and that the participant will abide by the Expectations of Behaviour as outlined above.
- I understand that YSP shall not be liable for any injury to the participant or loss or damage to the
  participant's personal property arising from their participation in YSP, unless such injury, loss, or

- damage is caused by sole negligence of YSP, or those for whom YSP is responsible at law, while acting within the scope of their duties.
- I fully release and hold harmless YSP and its employees and agents from any claims or causes of action that I (or the participant) may have against YSP, now or in the future.
- I confirm that any questions I had regarding this INFORMED CONSENT & WAIVER AGREEMENT have been answered.
- I have read and understood the above INFORMED CONSENT & WAIVER AGREEMENT in its entirety and hereby consent to participate acknowledging all the foregoing.

## **Online Learning Information**

**Background:** The University of Toronto Youth Summer Program (YSP) is a program for high school students that provides participants with an opportunity to gain knowledge and experience in the medical sciences in a post-secondary education setting. YSP offers unrivaled academic programming combined with access to leading professors and world class facilities. The Faculty of Medicine's Youth Summer Program (MED YSP) is organized and run by the Division of Teaching Laboratories, Faculty of Medicine. The current public health situation has led to challenges in operating YSP onsite. YSP may operate remotely using technologies such as video conferencing.

YSP aims to continue to provide excellent programming despite the inability to do so onsite and to recognize, assess and limit, as much as possible, the risks of using technologies for YSP.

**Confidentiality:** Any information collected, including personal information, will be treated as strictly confidential by University and YSP staff. The information from YSP will only be shared on a strict need-to-know basis.

YSP uses several computer applications and web-based services operated by third parties. YSP may share personal information about the participant (first name, last name, and email address) with these third parties, such as Quercus, Labster, Zoom and other web-based services, for the purpose of accessing those services.

Participants may be required to create accounts for external web-based educational tools using their email address.

To protect the participants' personal information, all University and YSP staff follow University policies and guidelines, the Freedom of Information and Protection of Privacy Act (FIPPA) and other legal requirements. All data collected will be stored, encrypted and protected through appropriate technical and process protections, subject to the risks outlined below.

Risks of using electronic communication and online platforms: While YSP will use reasonable means to protect the security and confidentiality of information sent and received using electronic communications, YSP cannot guarantee the security and confidentiality of electronic communications.

Some of these risks include, but are not limited to:

 Electronic communications are subject to disruption beyond the control of YSP that may prevent YSP from being able to provide programming.

- Videoconferencing using no cost, publicly available services may be more open to interception than other forms of videoconferencing; and
- The use of online platforms can introduce malware into a computer system, and potentially damage or disrupt the computer, networks and security settings.

**Conditions of using electronic communication and online platforms:** The classroom, whether provided onsite or online, is intended to be a safe and secure environment for learning. As such, online programming is intended for the participants of YSP and not for parents/guardians.

Participants require a private and quiet space to participate in YSP.

Video and/or audio will not be recorded and will only be used "in real time."

The participant (or the parent/guardian) shall not record, photograph and/or distribute video and/or audio and/or photographs and shall not share or distribute the login information or resources of YSP with anyone outside of YSP.

Email is the primary way that YSP communicates with participants before, during, and after the program. The participant agrees to update YSP with any changes to one's email address, and adjust spam blockers, if required.

The participant is solely responsible for any cost to obtain equipment, software or accessories to participate in YSP. YSP is not responsible for information loss due to technical failure associated with your hardware, software or internet service provider.