

# MEDICAL SCIENCES SUMMER INSTITUTE

JUNE 2025



Pictured: MSSI Participants 2024

## PURPOSE

The University of Cincinnati College of Medicine offers a summer workshop for high school rising sophomores and juniors who are interested in careers in medicine, or other related healthcare related fields, and who wish to gain experience in biomedical research in a state-of-the-art laboratory.

## LEADERSHIP TEAM



Dr. Kevin Haworth  
Associate Professor of Internal  
Medicine  
Director, Medical Sciences  
Baccalaureate Program



Dr. Aristotelis Astreinidis  
Assistant Professor- Educator,  
Department of Medical  
Education, College of Medicine



Michele Glassmeyer  
Program Manager for  
Experiential Education,  
Medical Sciences Baccalaureate  
Program, College of Medicine

QUESTIONS?

Contacts Us:

Michele.Glassmeyer@uc.edu

phone: (513) 558-6351

## PROGRAM FEES

### INCLUDES:

- One-week workshop
- Lab workbook
- Lab supplies
- Daily parking fees

Program fee: \$1000 per session



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## Website

[https://med.uc.edu/education/undergraduate-education/undergraduate-program-in-medical-sciences/admissions/medical-sciences-summer-institute-\(for-high-school-juniors\)](https://med.uc.edu/education/undergraduate-education/undergraduate-program-in-medical-sciences/admissions/medical-sciences-summer-institute-(for-high-school-juniors))



## SESSION TOPICS:

### MOLECULAR TOPICS:

Research Laboratory Basics & Instrumentation, Molecular Biology, Recombinant DNA, & Protein Biochemistry

### CELLULAR TOPICS:

Research Laboratory Basics & Instrumentation, Cell Biology, Cell-based Assays, & Gene Expression

## DAILY SCHEDULE:

The daily Monday-Friday schedule will be as follows:

9:30 AM- Workshop Begins

12:00 PM - Lunch

12:30 PM- Workshop Resumes

3:30 PM- Dismissal

Students will bring their own lunch each day or use the cafeteria to purchase items. On the final day of the program, pizza and salad lunch will be provided.

## SESSION INFORMATION

### SESSION OPTIONS:

Session 1: June 2-6, 2025 Molecular

Session 2: June 9-13, 2025 Molecular

Session 3: June 16-20, 2025 Cellular

Session 4: June 23-27, 2025 Cellular

Applicants will rank their preferred session during the application process.

**APPLY NOW** >



### TO APPLY:

Complete the MSSI application using the Qualtrics survey below or the QR Code above:

[https://ucincinnati.qualtrics.com/jfe/form/SV\\_5yHezEZK8RQfEzQ](https://ucincinnati.qualtrics.com/jfe/form/SV_5yHezEZK8RQfEzQ)

The application requires the following:

- 1-page synopsis of your academic history and leadership/extracurriculars (like a resume)
- 1-page personal statement addressing:
  1. why you feel this program will benefit you and
  2. any background/prior related experience that would make you a good fit for this program.

*Previous research experience is not a requirement.*

The application will also require;

- Your current high school GPA
- Date of birth
- Name of high school
- Class graduation year (i.e. 2026 for current juniors and 2027 for current sophomores). All applicants must be 16 years old at the time of the session.
- Selection of preferred track and session.

**APPLICATION DEADLINE IS  
WEDNESDAY, MARCH 26,  
2025 @ 11:59 PM EST.**