

MEDICAL SCIENCES SUMMER INSTITUTE

JUNE 2026



Pictured: MSSI Participants 2025

PURPOSE

The University of Cincinnati College of Medicine offers summer workshops for rising high school juniors and seniors 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 environment.



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



Dr. Scott Vennemeyer
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
- Technology fees
- Daily parking fees

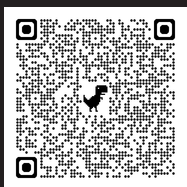
Program fee: \$1100 per session



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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

MEDICAL INFORMATICS TOPICS:

Introduction to Data Visualization, Data Science, Artificial Intelligence, and Machine Learning using Healthcare Data

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 1-5, 2026 Cellular

Session 2: June 8-12, 2026 Cellular

Session 3: June 8-12, 2026 Medical Informatics

Session 4: June 15-19, 2026 Molecular

Session 5: June 22-26, 2026 Molecular

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_6S62Zm04QnEPIKI

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., Class of 2028 for rising juniors and Class of 2027 for rising seniors). All applicants must be 16 years old by August 1, 2026.
- Selection of preferred track and session.

**APPLICATION DEADLINE IS
WEDNESDAY, MARCH 25,
2026 @ 11:59 PM EST.**