

SUMMER SPRINGBOARD
Look Inward. Go Upward.

Medical Research Infosheet

New student admissions for summer 2026 are open

1-Week Course

This course is one week long, and you can extend your experience to as many as six weeks by adding additional one-week courses.

Program Highlights

- Learn how medical studies are designed, conducted and evaluated for accuracy
- Participate in hands-on experiments and data collection using scientific protocols
- Discover how new treatments move from lab research to patient care
- Use statistical methods to interpret research findings and draw evidence-based conclusions
- Learn to read and evaluate published studies like medical professionals do
- Work with medical researchers and explore careers in biomedical science

2026 Dates

Yale :
Session 2: June 21 - June 27
Session 5: July 12 - July 18

Academic Program Overview

Are you curious about how medical breakthroughs happen and new treatments are discovered? This summer, explore the world of medical research and learn how scientists test hypotheses, develop treatments and advance medical knowledge.

You'll get an introduction to core research concepts and gain hands-on lab experience while exploring topics such as research methodology, experimental design, data collection and analysis, clinical trial processes, medical literature evaluation, biomedical science and the path from lab discoveries to patient care.

Excursions

Discover how medical breakthroughs happen through hands-on lab work and access to research facilities and professionals. Students will design and conduct experiments using proper scientific protocols, collect and analyze data with statistical methods and learn to evaluate published research the way medical professionals do.

You'll explore how clinical trials are planned and conducted, meet with researchers working on cutting-edge treatments and gain insight into careers ranging from pharmaceutical development to academic medicine. This program offers valuable experience for students considering MD-PhD paths or research careers while building the critical thinking and analytical skills essential to all medical and scientific fields.

Instructor:

Dr. Muriel Solberg, MD

Dr. Muriel Solberg is a Yale School of Medicine physician and published researcher whose work has appeared in leading peer-reviewed journals including JAMA Network Open and the Journal of Bone and Joint Surgery. With ten publications to her name — spanning surgical outcomes, gender equity in clinical training, and telemedicine — she began contributing to peer-reviewed research as an undergraduate and has maintained an active scholarly record throughout her medical training. Dr. Solberg has also designed curriculum for Yale medical students and led a program introducing high school students to the medical field, demonstrating a rare combination of research depth and a genuine gift for teaching the next generation of aspiring physicians.

Halla Bates

Halla Bates is a Yale Emergency Medicine resident and incoming Chief Resident completing her training across Yale New Haven Hospital, a Level 1 Trauma Center, Bridgeport Hospital, and Yale New Haven Children's Hospital. She earned her MD from Tufts University School of Medicine and her BA in Anthropology and Spanish from Bowdoin College. Before medical school, Halla worked as a Clinical Research Coordinator at Brigham and Women's Hospital and as a Research Fellow at Massachusetts General Hospital, where she studied immunotherapy toxicities in the Departments of Nephrology and Oncology — research that has since led to several peer-reviewed publications.

Tuition Information:

Residential Students:

- **Includes:** all meals, lodging, excursions, academic course and weekend excursions
- **Excludes**: optional airport pickup and drop off service (available for an additional fee)
- **Price:** $4,298 first week, $3,298 for each additional week

Commuter Students:

- **Includes:** lunch, academic course, excursions, programming from 9am to 5pm, Monday-Friday
- **Excludes:** lodging, breakfast, dinner and weekend excursions
  - Weekend excursions can be added on for $125 per day
- **Price:** $2,498 first week, $1,998 for each additional week

Supplements:

- **Application fee**: Starting at $99 (mandatory, non-refundable)
- **Tuition Protection Plan**: Allows for cancellation for any reason up until the day of the program. Click here for more info.

Course Structure

There are five 4-hour class sessions over the one-week course. Students have class from 9am-1pm, Monday-Friday. Afternoons are dedicated to students' course-specific academic excursion, guest speaker or activity.

Typical Schedule

8AM	Breakfast
9AM	Academic Course / Commuter Student Arrival
11AM	15-Minute Break
11:15AM	Academic Course
1:15PM	Lunch/Free-Time
3PM	Academic Excursion/Lab
5PM	Commuter Students Depart
6PM	Dinner
7PM	Evening Activity
8:30PM	Free-Time
9:30PM	Back in Dorms

More info on Airport Transfer

More info on Unaccompanied Minor Service

Apply Now!

Summer Springboard programs are not run by our campus partners (with the exception of Cal Poly, University of Washington Foster School of Business, and NYSID which are run in partnership with SSB). Universities and their affiliated departments and partners do not control and are not responsible or liable in any manner for any part of the Summer Springboard program.