

Medicine

Program Highlights

- Learn real-life techniques such as suturing, setting a splint, wound care, taking vital signs and perform simulated clinical rounds
- Visit a simulation lab where medical and healthcare students and professors hone and refine their life-saving skills
- Work in teams as you research, diagnose, and develop a treatment plan for a patient

Campus Locations

Georgetown University

- July 27 - August 8, 2020

UC Berkeley

- June 21 - July 3, 2020
- July 5 - July 17, 2020
- July 19 - July 31, 2020

Yale University

- June 21 - July 3, 2020
- July 5 - July 17, 2020
- July 19 - August 31, 2020

Cal Poly

- July 21 - July 3, 2020
- July 5 - July 17, 2020

UC San Diego

- July 26 - August 7, 2020

Boston

- July 5-July 17, 2020
- July 19-July 31, 2020

American University

- June 28- July 8, 2020
- July 12 - July 24, 2020

Academic Course Overview

In the first week, students will learn how to take vital signs and perform CPR. They will also work on key wilderness medicine techniques and visit a simulation lab where med students and faculty are trained and evaluated.

In the second week, students put their skills to the test in a mass casualty incident simulation during which students triage and stabilize victims. By using an experiential learning approach, students will quickly engage in these topics, and the instructor introduces the underlying theory and concepts as students tackle issues while working to support, diagnose, and save their patients.

Guest Speakers & Excursions

Previous excursions have included a visit to the Yale New Haven Hospital Emergency Department, the UCSF Zuckerberg General Hospital, the Yale Center for Medical Simulation, and the UCSF Kanbar Simulation Center. The Medicine & Healthcare students visit to the SIM labs included hands-on practice in stitching, suturing, intubation, and BLS skills led by leading medical trainers from Yale and UCSF. Visits provided first-hand observations of working in high pressure yet life-saving environment of an emergency room.

Instructors

Courses are taught by accomplished and passionate faculty recruited from many area colleges, universities and professional forums. Each faculty member is selected for their subject area expertise and proven ability to both challenge and captivate students.

- Instructors at UC Berkeley: **Carol Chen, MPH, MD & Andrea Tenner, MPH, MD** - Dr. Chen serves as faculty at the Department of Emergency Medicine at the University of California, San Francisco where she specializes in pediatric emergency medicine as well as global health. She chairs the Department's continuing medical education course entitled "Building a Career in Global Health and Emergency Medicine". Dr. Tenner serves as faculty at the Department of Emergency Medicine at the University of California, San Francisco where she is also the Director of the Global Health Fellowship.
- Instructor at Yale University: **Dr. Moreen Donahue** - Chief Nursing Officer for the Western Connecticut Health Network, lecturer at Yale University.
- Instructor at Boston (Harvard): **Dr. Enrique Valdespino** - Harvard-educated physician currently on assignment in Africa with Doctors Without Borders.

Sample Schedule from Past Year

This is only to provide a general idea of the class structure. The exact sequence of lessons will change based on availability of guest speakers and on companies that can host our students.

Day 1. Monday

- Class expectations
- Intro to Medicine & Healthcare
- Clue diagnostics game

Day 2. Tuesday

- Components of a physical exam
- Practice listening to the sounds of the lungs
- Rotate through vital sign stations
- CPR practice on mannequins

Day 3. Wednesday

- Site visit to Medical Simulation Center

Day 4. Thursday

- Wilderness medicine / MCI skills workshops
- Practice stopping bleeding, simple interrupted sutures, splinting a fracture, and more
- Practice opening an obstructed airway

Day 5. Friday

- Discuss START triage flashcards
- Mass casualty simulation with all Medicine students and staff

Day 6. Monday

- Discuss SPHERE standards and humanitarian considerations lecture

Day 7. Tuesday

- Major Health Conditions and Treatment
- Heart related conditions

Day 8. Wednesday

- Major Health Conditions and Treatment
- Non-heart related conditions

Day 9. Thursday

- Humanitarian crisis exercise
- Review SPHERE standards
- Discuss outbreaks, how they spread, and run CDC outbreak simulation game

Tuition

- **Residential Students:** \$4,998 (+ \$250 supplement)
 - Includes: all meals, lodging, excursions, academic program, weekend excursions
 - Excludes: optional airport pickup and drop off service (available for an additional fee)
- **Commuter Students:** \$2,798 (+ \$250 supplement)
 - Includes: academic program, excursions, programming from 9am to 5pm, Monday-Friday
 - Excludes: lodging, breakfast, dinner, weekend excursions
- **Extended Commuter Students:** \$3,398 (+ \$250 supplement)
 - Includes: lunch, dinner, excursions, academic program, programming from 9am to 8pm, weekend excursions
 - Excludes: lodging, breakfast