

## Medicine & Healthcare



### 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 14 - July 26, 2019
- July 28 - August 9, 2019

#### UC Berkeley

- June 23-July 5, 2019
- July 7-July 19, 2019
- July 21-August 2, 2019

#### Yale University

- June 23 - July 5, 2019
- July 7 - July 19, 2019
- July 21 - August 2, 2019

### Academic Program 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 the 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.

## Curriculum Advisors - Carol Chen, MPH, MD & Andrea Tenner, MPH, MD

While instructors vary each year, the Curriculum Advisors ensure continuity in our curriculum. 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. She has developed and implemented an educational curriculum for teaching emergency care all around the world.

## 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.*

Class is held from 9am to 12pm, Monday through Friday.

### Day 1. Monday

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

### Day 3. Wednesday

- [Site visit to Medical Simulation Center](#)

### Day 5. Friday

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

### Day 7. Tuesday

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

### Day 9. Thursday

- [Clinical Site Tour](#)

### 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 4. Thursday

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

### Day 6. Monday

- Discuss SPHERE standards and humanitarian considerations lecture

### Day 8. Wednesday

- Discuss public health
- Class discussion on improving public health around the world

## 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:** \$2,498 (+ \$250 supplement)
  - Includes: academic program, excursions, programming from 9am to 5pm, Monday-Friday
  - Excludes: lodging, meals (lunch plan available for \$200), weekend excursions
  
- **Extended Commuter Students:** \$3,398 (+ \$250 supplement)
  - Includes: lunch, dinner, excursions, academic program, programming from 9am to 8pm, weekend excursions
  - Excludes: breakfast, lodging