ADVANCED EMERGENCY MEDICINE
IN COLLABORATION WITH STANFORD MEDICINE

2020 Sample Schedule*

June 20 – June 29, 2020
July 5 – July 14, 2020

Day One: Arrival of Scholars
Program Registration and Room Check-In
Opening Remarks: Stanford University School of Medicine (SUSOM) Faculty
Introduction to the Critical Care Team and Advanced Emergency Medicine, in Collaboration with Stanford Medicine Program

Day Two: Patient History, Physical Exam, and Medical Skills
Patient History and Physical Exam Talk
  General Appearance, Cardiovascular, Pulmonary, Abdominal, and Neurological Exams
Patient History and Physical Exam Practice
  Code Black, Physical Exam Skills, History-Taking Practice, and Patient History Oral Presentation
Medical Skills Talk
  Assessing Vital Signs, Defining Triage, Pain Scales, Hand Washing, and Visual Acuity Exams
Medical Skills Practice
  Splinting, Vital Signs, and Electrocardiograms
SUSOM Speaker Panel – Life as an Emergency Medicine Resident

Day Three: Suturing and Trauma
Suturing Talk
  Abrasions, Puncture Wounds, and Lacerations
Suturing Lab
  Practice Suturing Technique on a Pork Belly
Trauma Talk
  Introduction to Trauma Presentations and Consequences
Trauma Breakout Sessions
  Circulatory System, Interpersonal Violence, Central Nervous System, and Motor Vehicle Collisions
Advanced Emergency Medicine Olympics

Day Four: Resuscitation
Resuscitation Lecture
  Determine Resuscitation Needs; Giving Fluids Intravenously and Intraosseously; Altered Mental Status, Shortness of Breath, and Loss of Consciousness

*This sample schedule is provided as an example of the overall quality and scope of a typical program experience and is not intended to represent a specific 2020 schedule. The 2020 specific schedule, speakers, site visits, and details may vary.
Resuscitation Breakout Sessions
  Acting as Care Providers in Challenging Patient Cases; History, Physical, and Life Saving Interventions
Explore and Dine at Stanford Mall

**Day Five: Envisioning Your Future**
Who Are You, Anyway? Personal Statements and Personal Branding
Choose Your Own Adventure: Exploring Medical Integrity and Ethics
Nailed It! Acing the Medical School Interview
Testing…1, 2, 3: Preparing for the MCAT
Introduction to Behavioral Skills
Introduction to Mindsets
Sports Night

**Day Six: Toxicology and Wilderness Medicine**
Wilderness Talk
  Obstacles to Providing Medical Care in Wilderness Environments
Wilderness Medicine Hike
  Placing a Tourniquet, Placing a Splint, Transporting Patients Out of the Wilderness, Heat Exposure, Cold Exposure, and Anaphylaxis
Toxicology Talk
  Toxidromes: Sympathomimetic, Anticholinergic, Hallucinogenic, Opioid, Sedatives, and Cholinergic
Toxicology “20 Questions” Breakout Groups
Stanford Scavenger Hunt

**Day Seven: Excursion Day – Explore San Francisco!**
Exploratorium Visit
Red and White Fleet Boat Cruise
Dinner & Explore on Your Own at Fisherman’s Wharf

**Day Eight: Anatomy and Disaster Drill**
Anatomy Lab
  Basic Anatomy of Key Organ Systems with a Human Cadaver
Anatomy Case Studies
  Diagnosing Disease and Injury Related to Cranial Nerves
Disaster Talk
  Principles of Disaster Medicine and Mass-Casualty Triage
Simulated Disaster Drill
Movie Night

**Day Nine: AEM Wars, Basic Life Support (BLS), and Closing Ceremony**
Train and Test to Become BLS Certified by the American Heart Association
AEM Wars
AEM Winners Announced, Certificate Distribution, and Program Debrief

**Day Ten: Scholar Departure Day**
Room Check-Out
Program Departure