

ADVANCED EMERGENCY MEDICINE

IN COLLABORATION WITH STANFORD MEDICINE

*2021 Sample Schedule**

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

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**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 2021 schedule. The 2021 specific schedule, speakers, site visits, and details may vary*

Due to the coronavirus pandemic, we are in the process of evaluating certain program elements for 2021 to ensure that they meet the most current public health standards and guidance. The safety and security of our students is always our top priority.

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