

Program info updated: 10/15/2020

Online Medical and Surgical Procedures Workshop 2021

Adventure in Medicine and Science (AIMS)

Saint Louis University School of Medicine

AIMS Education Specialist: Ray Vollmer

Dates: Week of June 14, 2021

Grade Levels: Content will be most appropriate for high school aged students

Registration for 2021 workshops opens on January 1, 2021.

Format: Students will log into meeting through Zoom or another video conferencing platform that we set up, and they will be able to ask questions in real-time either through a microphone or by chat. There will be three or four approximately 45-minute presentations per day, with 10 minute breaks scheduled in between.

Technical Requirements: Internet access, and a device (computer, laptop, tablet, cell phone) that can connect to video conferencing. A camera and microphone are recommended but not required. Many newer laptops and tablets include a build-in camera and microphone. Cadaver and surgical demonstration will look better on larger screens versus a cell phone, but will still be viewable on a cell phone.

Fee: Registered students will be able to log into all the scheduled programs and demonstrations. Cost is \$200 per participant. At this time, we can only accept online credit card payments, no checks.

Medical Student Mentoring Groups: Our on-campus workshop normally includes a discussion panel by SLU medical students on “How to get into medical school.” For this year’s online workshop students will be put into small groups with a medical student mentor, about 3-5 workshop students per med student. Each small mentor group will meet online during the workshop to discuss pathways from high school to college to medical school (or other health professions). Our goal is for student to get to know a medical student, and some of their workshop peers, in a small group format. Students will be sent more information about their small mentor groups closer to the workshop start date.

Tentative workshop schedule: While an “official” schedule of speakers has not been completed as of 10/15/20, we hope to hold similar topics and speakers as we had last year. Most of our speakers are physicians and we must work around their schedules. We will send a final workshop schedule to registered participants closer to the workshop date.

Below is a copy of last years “Medical and Surgical Procedure” workshop.

ALL TIMES LISTED ARE CENTRAL STANDARD TIME (CST)

Approximately 1 week prior to start of full workshop

10:00-11:00 am Cadaver Demo: Anatomy Review of Major Systems *

Following Day

10:00-11:00 am Cadaver Demo: Anatomy of Bones & Joints/Central Nervous System *

*These are two 60 minute programs offered to students who would like to review basic anatomy of the major systems prior to the start of the workshop. The presenter for these demos will utilize a human cadaver, a variety of organ specimens, and human extremity specimens to discuss the anatomy. Faculty throughout the week will be presenting with the assumption that all students have an understanding of the location and function of the major organ and joints of the human body. There is no additional fee for these presentations.

Day One

8:45-9:00 am Welcome and introductions by AIMS staff

9:00-9:50 am **DISCUSSION**
“Intro to Surgical Services – Prep and Dress for Surgery”
Gere Ochs, MSN
Coordinator of the AGACNP Option
Faculty, Saint Louis University School of Nursing

10:00-11:00 am **SURGICAL DEMONSTRATION**
“ACL Repair”
Glen Johnson, MD
Orthopedic Surgeon
Saint Louis Orthopedics and Sports Medicine

11:10-12:00 pm **DISCUSSION**
“Emergency Medicine: ER Issues During Current Pandemic”
David Tan, MD
Associate Professor / EMS Section Chief
Division of Emergency Medicine
Washington University School of Medicine

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Day Two

9:00-9:50 am

DISCUSSION

“Pediatric Cardiology”

Jamie Sutherell, MD

Assistant Professor / Pediatrics

Cardinal Glennon Children’s Hospital

10:00-10:50 am

DISCUSSION

“Interventional Cardiology – Angioplasty”

Ammar Nasir, MD

Internal Medicine

Department of Cardiology

John Cochran St. Louis VA Medical Center

11:00-11:50 am

DISCUSSION

“Infectious Disease: Discussion of COVID-19”

Terri Rebmann, PhD, RN, CIC

Professor

Institute for Biosecurity

Saint Louis University School of Public Health

Day Three

8:30-9:20 am

DISCUSSION

“Retinal Surgery”

Bradley T. Smith, MD

The Retina Institute, St. Louis, MO

Instructor – Clinical Ophthalmology & Visual Sciences

Washington University School of Medicine

9:30-10:20 am

DISCUSSION

“Post-Op Rehab of ACL Repair”

Sylvia Czuppon, PT, DPT

Associate Professor of Physical Therapy and Orthopedic Surgery

Department of Physical Therapy

Washing University School of Medicine

10:30-11:20 am

DISCUSSION

“Role of the Anesthesiologist”

Jessica Lehmann, MD

Department of Anesthesiology & Critical Care

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11:30-12:30 pm **DISCUSSION / DEMONSTRATION**
 “Suturing Lab”
Chris Hemmer, D.M.P., ANP-BC, RN
Assistant Professor
School of Nursing
Saint Louis University

Day Four

9:00-9:50 am **DISCUSSION**
 “Breast Cancer”
Kaitlin Farrell, MD
Assistant Professor of Surgery
Surgery Clerkship Director
Saint Louis University School of Medicine

10:00-10:50 am **DISCUSSION**
 “Issues of Mental Health: Impact of Social Distancing & Isolation”
Jeffrey D. Gfeller, PhD
Professor and Chair
Department of Psychology
Saint Louis University

11:00-11:50 am **DISCUSSION**
 “Abdominal Surgery: Repair of Aortic Aneurysm”
Michael Williams, Jr., MD
Vascular Surgeon
Saint Louis University School of Medicine

Day Five

9:00-9:50 am **DISCUSSION**
 “The Role of the Nurse Practitioner in Medicine”
Loretta Colvin, APRN-BC
Nurse Practitioner
SSM Health Sleep Services
Catherine McAuley School of Nursing
Maryville University
St. Louis, MO

10:00-10:50 am **DISCUSSION**
 “Recognizing & Treating Concussion”
Dr. Alex Hubbs, ATC
Head Trainer, Pattonville High School
St. Louis, MO

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11:00-11:50 am **SURGICAL DEMONSTRATION**
 “Rotator Cuff Surgery”
 Dr. Jason Young / Amy
 Orthopedic Surgeon
 Advanced Orthopedics & Sports Medicine
 St. Louis, MO

12:00-12:15 pm **Program Wrap-up with AIMS Staff**