17TH ANNUAL
EMERGENCY MEDICINE UPDATE
HOT TOPICS 2020

November 3-7, 2020
Tuesday - Saturday

Sponsored by:
UC Davis Health
Department of Emergency Medicine
TARGET AUDIENCE
The target audience includes practitioners who provide care in urgent and emergent settings, including physicians, physician assistants, nurse practitioners, nurses, and pharmacists.

WHY YOU SHOULD ATTEND
Health care is changing rapidly. Urgent and emergent conditions require rapid, accurate diagnosis and treatment decisions. This educational activity provides opportunity for attendees to learn about current and progressive trends in the practice of emergent, urgent, and critical care. The course provides a setting where attendees will practice their own decision-making and manual skills with concurrent feedback and instruction. The design is short, high yield sessions with audience participation. The course will enhance practitioner competencies in intoxications, stroke and neurological emergencies, airway management with state of the art technology, pediatric care, point-of-care ultrasound, EKG interpretation, resuscitation, and imaging in emergent conditions.

EDUCATIONAL METHODS
• Interactive lectures with expert panels will be utilized to facilitate dissemination of cutting-edge information.
• Case studies and discussions will highlight conditions that are challenging in clinical practice.
• Expert panel discussions will provide an opportunity for experts to present differing viewpoints on audience-driven topics.
• Hands-on skill workshops allow attendees to develop technical skills with real time feedback and instruction.

EDUCATIONAL OBJECTIVES
At the end of this activity, participants should be able to:
• Diagnose stroke.
• Treat patients who are taking buprenorphine.
• Apply neonatal critical care concepts.
• Identify non-stroke presentations.
• Utilize contemporary equipment in intubation.

CONFERENCE REGISTRATION
Please register early – space is limited. Tuition is $825 for physicians and $725 for all others. Confirmation of registration will be sent within two weeks after receipt of registration form. The fee will increase after Friday, October 2, 2020. Please contact events@ucdavis.edu if you are interested in daily registration rates or a guest meal pass.

Register online at: https://ces.ucdavis.edu/emhot2020

Tuition includes continental breakfasts, refreshment breaks, electronic syllabus, and a certificate of attendance. Tuition may be paid by check, American Express, Discover, MasterCard or VISA. Cash is not accepted. UC Davis reserves the right to cancel this conference. In such a case, a full refund of tuition will be given. Registration forms received without payment will not be processed until payment is received.

Cancellation and Refund Policy: A refund of tuition, less $75 administrative fee, will be allowed if requested in writing by Friday, October 2, 2020. No refunds will be provided after this date. Send cancellations to events@ucdavis.edu.

ACCREDITATION
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Academy of Emergency Medicine (AAEM) and UC Davis. AAEM is accredited by the ACCME to provide continuing medical education for physicians.

CREDIT DESIGNATION
The American Academy of Emergency Medicine designates this live activity for a maximum of 21.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CME KEY
Ped – Pediatrics
Gen – Geriatric
Traum – Trauma
Stroke – Stroke
Pain – Pain Management
Prof – Professionalism

OUR WORLD CLASS FACULTY
Lisa Mills, MD, FFAEM
Conference Chair
Dr. Mills is an Emergency Medicine physician and has completed a fellowship in point of care US. She has particular interest in the development and maintenance of US programs. She is well-published on the topic of point of care US. In addition, Dr. Mills created and maintained US programs several times in the setting of natural disasters.

Emily Andrada, MD, FAAP
Conference Co-chair
Professor, Pediatric Emergency Medicine
Dr. Andrada completed her general Pediatric residency at UC Davis and continued on to Brown University's Hasbro Children's Hospital for her Pediatric EM fellowship. She earned the award of Clinical Teacher of the Year and the Academic Teacher of the Year multiple times. She earned the Emergency Medicine Award for Excellence, twice. Dr. Andrada's interests center around medical education, specifically optimizing evidenced-based strategies and novel educational technology. You can find her every evening of this conference enjoying a shave ice at Ululani's. Let her know if you want to hitch a ride.

Verena Schandera, MD
Assistant Professor
Dr. Schandera completed an Emergency Airway Management fellowship after an Emergency Medicine residency. During this fellowship, she broadened her skills and understanding of all airway related things. She teaches nationally and internationally, specifically in the fields of adult and pediatric airway management. During the COVID pandemic, she was key in implementing novel airway devices to contain aerosolized matter.

Daniel K. Nishijima, MD, MAS
Associate Professor of Emergency Medicine
Dr. Nishijima is the Associate Research Director in the Department of Emergency Medicine at UC Davis. His research focuses on the management of patients with acute traumatic or neurological emergencies, particularly those with coagulation disorders. Dr. Nishijima has prior expertise in the design, development, and implementation of emergency care adult and pediatric clinical trials. He is widely published in these areas. He also serves as the Medical Director for the UC Davis Clinical Research Center and Trial Innovation Network.

Sam Clarke, MD, MAS, FACEP
Dr. Clarke is a researcher and expert in medical education. He joined the faculty at UC Davis in 2012, after completing his residency and fellowship training at Harbor-UCLA. He is a frequent lecturer and has particular interest in radiographic imaging and the management of cardiovascular emergencies.

Daniel K. Colby, MD
Assistant Professor
Division of Medical Toxicology
Dr. Colby is board certified in Emergency Medicine, Medical Toxicology, and Addiction Medicine. He leads the UC Davis Substance Use Intervention Team. His practice included medical treatment of substance disorders, including the use of buprenorphine. His Toxicology practice involves patients at UC Davis and taking call for the California Poison Control System.

Trevor Mills, MD, MPH
Dr. Mills is the Chief of Emergency Medicine at the Veterans Administration Northern California Health Care System. He is the Lead Physician for Emergency Medicine, VISN 21. He has practiced Emergency Medicine in a host of environments and has a storied career in the field. He remains active in clinical Emergency Medicine the Emergency Departments of the Veterans Administration and UC Davis Health. He also coordinates care for thousands of veterans in VISN 21 of the Veterans Administration.
### Tuesday, November 3, 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:30 am</td>
<td>Registration, Continental Breakfast, Visit Exhibits</td>
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<tr>
<td>7:25</td>
<td>Welcome and Introduction</td>
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<tr>
<td>7:30 – 7:45</td>
<td>Knowledge Assessment</td>
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<tr>
<td>7:45 – 8:15</td>
<td>Big Trouble in Little Kids: The Vomiting Child Ped Emily Andrada</td>
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<td>8:15 – 8:30</td>
<td>Growing Pains: Age Based Pediatric Abdominal Catastrophes Ped Emily Andrada</td>
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<tr>
<td>8:30 – 8:45</td>
<td>US vs. CT: Imaging in Pediatric Abdominal Pain Ped Emily Andrada</td>
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<tr>
<td>8:45 – 9:00</td>
<td>The Great Debate: DKA Treatment Ped Daniel Colby</td>
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<td>9:00 – 9:15</td>
<td>Potty Break? Pediatric UTI Ped Emily Andrada</td>
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<td>9:15 – 9:30</td>
<td>Ominous Pediatric Imaging Ped Emily Andrada and Group</td>
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<tr>
<td>9:50 – 10:05</td>
<td>Knowledge Assessment</td>
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<tr>
<td>10:05 – 10:35</td>
<td>Under Pressure: Pulmonary Hypertension Emergencies Geri Verena Schandera</td>
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<td>10:35 – 10:50</td>
<td>Pediatric Pulmonary Embolism Ped Sam Clarke</td>
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<td>10:50 – 11:05</td>
<td>Heart Score and Heart Pathway Geri Lisa Mills, MD, FAAEM</td>
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<tr>
<td>11:05 – 11:20</td>
<td>Updates in Pulmonary Embolism Management Geri Lisa Mills, MD, FAAEM</td>
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<td>11:20 – 11:35</td>
<td>Emergencies in Congenital Heart Disease Ped Emily Andrada</td>
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<td>11:35 – 11:50</td>
<td>Ultrasound in Dyspnea</td>
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<td>11:50 – 12:00 pm</td>
<td>Wellness Topic: Where Do You Find Enjoyment in Your Work? Prof Lisa Mills, MD, FAAEM</td>
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<tr>
<td>12:00 – 12:15</td>
<td>Retrieval Quiz</td>
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<td>12:15 – 12:45</td>
<td>Faculty Panel Discussion - Al</td>
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<td>12:45 pm</td>
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### Wednesday, November 4, 2020

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<td>7:30 – 7:45</td>
<td>Knowledge Assessment</td>
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<tr>
<td>7:45 – 8:15</td>
<td>Don’t Be Fooled: Stroke Mimics Stroke, Geri Daniel Nishijima</td>
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<td>8:15 – 8:30</td>
<td>Stop the Bleeding: Direct Oral Anticoagulants in Intracranial Hemorrhage Stroke, Geri Trauma Daniel Nishijima</td>
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<td>8:30 – 8:45</td>
<td>The Big One: Large Vessel Occlusion Stroke Stroke, Geri Daniel Nishijima</td>
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<td>8:45 – 9:00</td>
<td>Rule Change: What is a TIA? Stroke, Geri Sam Clarke</td>
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<td>9:00 – 9:15</td>
<td>Minimizing Damage: Airway Management in Neurologic Emergencies Stroke, Geri Verena Schandera</td>
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<tr>
<td>9:15 – 9:30</td>
<td>2,4,6,8, Wake Up: Stroke Timing and Interventions Stroke, Geri Daniel Nishijima</td>
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<td>9:50 – 10:05</td>
<td>Knowledge Assessment</td>
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<td>10:05 – 10:35</td>
<td>Success in Chronic Pain Pain Daniel Colby</td>
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<td>10:35 – 10:50</td>
<td>Headache Guidelines – CT, LP or Neither? Pain Sam Clarke</td>
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<td>10:50 – 11:05</td>
<td>Syncope: How Much is Too Much? Daniel Nishijima</td>
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<td>11:05 – 11:20</td>
<td>Buprenorphine and Acute Pain: Where to Go from Here Pain Daniel Colby</td>
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<td>11:20 – 11:35</td>
<td>How High is Too High: Blood Pressure in Intracranial Hemorrhage Stroke, Geri Trauma Sam Clarke</td>
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<td>11:35 – 11:50</td>
<td>FAST T2 MRI: Is It Necessary? Ped Emily Andrada</td>
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<tr>
<td>11:50 – 12:00 pm</td>
<td>Wellness Topic: How Do You Manage Stress? Prof Lisa Mills, MD, FAAEM</td>
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Register online at https://ces.ucdavis.edu/emhot2020
Thursday, November 5, 2020

Day Off

Friday, November 6, 2020

6:30 am   Registration, Continental Breakfast, Visit Exhibits
7:25   Welcome and Introduction
       Lisa Mills, MD, FAAEM
7:30 – 12:45 pm   Rotating Small Groups

1. Emergent Ultrasound
   Lisa Mills, MD, FAAEM

2. EKG Pearls
   Daniel Colby

3. Neonatal Resuscitation
   Emily Andrada

4. Airway Emergencies
   Verena Schandera and Trevor Mills

5. Brain Imaging in Stroke
   Stroke, Geri
   Sam Clarke

6. Key Literature Updates
   Daniel Nishijima

12:45 pm   Adjourn

CME Key

Ped – Pediatrics
Geri – Geriatric, Trauma, Stroke
Pain – Pain Management
Prof – Professionalism

Saturday, November 7, 2020

6:30 am   Registration, Continental Breakfast, Visit Exhibits
7:25   Welcome and Introduction
       Lisa Mills, MD, FAAEM
7:30 – 7:45   Knowledge Assessment
7:45 – 8:15   Vaping and Acute Lung Injury
       Daniel Colby
8:15 – 8:30   Up to the Minute Pneumonia Guidelines
       Verena Schandera
8:30 – 8:45   Get the Baby Breathing: CPAP vs. High Flow in Babies
       Emily Andrada
8:45 – 9:00   Maximizing Non-invasive Ventilation: Tips and Tricks
       Verena Schandera
9:00 – 9:15   Influenza, Novel Corona Virus, and Antivirals: What Do We Do?
       Lisa Mills, MD, FAAEM
9:15 – 9:30   Riding the Wave: End Tidal Waveform Analysis
       Verena Schandera
9:30 – 9:50   Wellness Topic: Define Your Perfect Shift
       Prof
       Lisa Mills, MD, FAAEM
9:50 – 10:05   Knowledge Assessment
10:05 – 10:35   Pediatric Intoxication: Who Let the Pills Out?
       Ped
       Daniel Colby
10:35 – 10:50   Suicide Screening and Risk Assessment
       Verena Schandera
10:50 – 11:05   Status Epilepticus – What’s the Latest?
       Daniel Nishijima
11:05 – 11:20   Sick and Tired: Medications to Avoid in Geriatric Patients
       Geri
       Daniel Colby
11:20 – 11:35   Get High with a Little Help: Trends in Intoxication
       Daniel Colby
11:35 – 11:50   Emergencies in Buprenorphine
       Daniel Colby
11:50 – 12:00 pm   Wellness Topic: Here is Your Magic
       Prof
       Lisa Mills, MD, FAAEM
12:00 – 12:15   Retrieval Quiz
12:15 – 12:45   Faculty Panel Discussion - All
12:45 pm   Adjourn

Register online at https://ces.ucdavis.edu/emhot2020
LOCATION
4100 Wailea Alanui Drive Wailea, Maui, HI 96753
Phone: 808-875-4100

• Special rates have been negotiated for conference attendees, starting at $269 per night plus applicable taxes and fees. Rates are based on double occupancy and an additional charge of $50 per adult per night will apply for additional guests. Please note that the resort fee has been waived for attendees of this course.

Fairmont Suites ................................................................. $269
Mountainside Suites ......................................................... $299
Garden Suites ................................................................. $329
Partial Ocean View .......................................................... $379
Ocean View ...................................................................... $439
Deluxe Ocean View .......................................................... $499

• Reservations are due before October 2, 2020 to receive the special group rate. Requests received after October 2, 2020 will be accepted on a space available basis at the Best Available Rate.

• Porterage is an additional $6.00 one-way/$12.00 round trip per person charge. In addition, there is a $3.00 per suite, per day charge for housekeeping services. A “Tips for Tips” gratuity information card will be provided to all guests upon check-in. These charges will be up to the individuals’ discretion.

• Complimentary overnight self-parking for one vehicle per suite is included.
Group rates are applicable three (3) nights prior and three (3) nights after the main dates and are subject to availability.

DEPOSITS AND CANCELLATIONS
When reservations are made, the hotel will require a deposit equal to two night's room rate and tax for each reservation. Cancellation of individual reservations made up to 30 days prior to arrival will be accepted, and the deposit refunded for those rooms for the full night’s stay. For reservations cancelled within 30 days prior to arrival, individuals will be responsible for 100% of room revenue to be billed to the individual credit card on file.

COMPLIMENTARY SERVICES
• Overnight self-parking for one vehicle per suite
• 10% discount on Fairmont logo merchandise in Makana Market + Cafe
• Daily Inspire Your Energy Fitness Classes
• Pool and beach amenities including sunscreen and after sun care
• Experience session with Pacific Dream Photography (photos available for purchase)
• Unlimited North America Long Distance calls (Canada and America)
• Unlimited business internet access*
• Keiki welcome amenity
• In-suite bottled water (two), replenished daily
• One hour snorkel equipment (two sets per suite per day, resort use only)
• Keiki Lani Kid's Club**
• Hawaiian Canoe Experience**
• Weekly Cultural Activities (see the Resort Activity Guide for seasonal offerings)

* LCAH members receive Premium internet service. LCAH Platinum members receive $20 Spa credit on any treatment booked.
** A 24 hour cancelation policy applies with a “no show” fee of $65 per guest.

CHECK-IN AND CHECK-OUT
Check-in time is 4:00 p.m. Every effort is made to accommodate guests arriving before the check-in time, however, rooms may not be immediately available. Check-out time is 12:00 noon. Requests to retain rooms beyond that hour should be directed to the Front Desk once the delegate is registered. Should it be possible to extend a late check-out, a late departure charge may be applicable.

The hotel charges an Early Departure Fee equivalent to the room rate for one (1) night for guests who depart prior to their confirmed departure date. Guests will be able to change their departure date to an earlier date without charge up to and including the time of registration.

AIR TRAVEL
Kahului Airport (OGG) is the primary airport on the Island of Maui.
CONFERENCE HIGHLIGHTS
• Hands on ultrasound-guided regional anesthesia lab with world leaders in ultrasound.
• Non-opioid pain management strategies.
• Pediatric simulation lab from leading pediatric educators.
• Updates in neurological critical care.
• Trauma lab with active military and dual boarded traumatologist.

VENUE HIGHLIGHTS
• Room Rates – Starting at $269 per night plus applicable taxes.

Welcome To Maui
Maui, known also as “The Valley Isle,” is the second largest Hawaiian island. The island beloved for its world-famous beaches, the sacred Iao Valley, views of migrating humpback whales (during winter months), farm-to-table cuisine and the magnificent sunrise and sunset from Haleakala. It’s not surprising Maui has been voted “Best Island in the U.S.” by Condé Nast Traveler readers for more than 20 years. Check out the regions of Maui and all this island has to offer.

The Community of Wailea
The Fairmont Kea Lani is located in Wailea. Known for its five beautiful, crescent-shaped beaches and stellar golf courses, Wailea is a luxurious resort community in South Maui that spans 1,500 acres of land with staggering ocean views. The area exudes a sense of privacy, serenity and freedom spread across an area three times the size of Waikiki.

The area’s signature beaches include Wailea Beach, named “America’s Best Beach” in 1999, Polo Beach, with excellent swimming and snorkeling, and Ulua Beach Park, where early morning and sunset walkers and joggers abound. The Wailea Blue, Wailea Gold and Wailea Emerald courses make up the 54 holes of championship golf that have made Wailea so famous.

Drive south about 8 miles down the coast and you’ll reach Ahihi-Kinau Natural Area Reserve, which boasts a renowned snorkeling area and coastal lava field. Or continue for a couple more miles and you’ll come to La Perouse Bay, where lava from Maui’s last eruption flowed into the sea. The site has some nice hiking trails, including the Hoapili Trail, which winds its way along the coast through some shade and then strikes inland over the lava fields to Kamao Beach 2 to 2.5 miles away.

Source: The Hawaii Tourism Authority. For more information on Maui and the rest of the Hawaiian islands, visit their website at https://www.gohawaii.com/