

Department of Emergency Medicine Newsletter

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Congratulations!

California Office of Traffic Safety awarded Dr. Bharath Chakravarthy and his research team a \$238,000 grant to study and implement a programmatic intervention to tackle the epidemic of drugged driving in Orange County. The group will evaluate trauma data from all three of Orange County's trauma centers and work in conjunction with the Orange County Crime Lab. Dr. Chakravarthy is the research director for the department.

Message from the Chair- *CIMC Partnership*



Onward! - Catalina Island Medical Center Partnership

AVALON, CATALINA ISLAND - The first hospital on Catalina Island served the island's residents and

visitors from 1900 to 1923. By 1915, a clinic had been established in Avalon's first permanent structure, the Metropole Hotel. Unfortunately Avalon's massive fire that year destroyed the original Metropole building and burned most of the town to the ground. From 1923 to 1957 the *Catalina Island Hospital* was established at the old Banning residence on Sumner Avenue. Patients were seen there until the Hospital was closed in 1957 after a failure to meet fire safety regulations. From the years 1958-1960 the island was without a hospital and used a clinic to perform minor surgeries and deliver babies.

During the late 1950's a dedicated group of volunteers decided Avalon needed an actual hospital. *Avalon Municipal Hospital* became a reality and opened its doors at the 100 Falls Canyon Road location on Jan. 24, 1960. Avalon's population was about 1900 people at that time. Avalon's original hospital building featured six beds and had a capacity for eight. The Falls Canyon structure included the emergency and operating rooms as well as what is now the laboratory, x-ray and observation room.

The original hospital building served the community well for nearly 25 years. Then, in 1982, the Avalon Municipal Hospital Auxiliary spearheaded a fundraising campaign for new and major expansion. A new wing was added, which included several new patient rooms, a physical therapy room, a room for resident and hospital activities and an administrative office.

Avalon Municipal Hospital was managed by the City of Avalon until 1986 at which time Long Beach Memorial Medical Center assumed operations. In 1988 the Avalon Medical Development Corporation (AMDC) a non-profit corporation was formed and dedicated to the development of improving hospital services. It was able to expand the area below the hospital to accommodate clinic services. Clinic operations became licensed as a non-profit Hospital-based rural health clinic in 1991. In 2002-2003, a much-needed clinic expansion provided even greater capacity for physician services. In 2004, the hospital was also renovated with improved access and a complete renovation of the emergency and operating rooms. New clinic exam rooms and additional offices were added or upgraded.

In 2007, *Avalon Municipal Hospital* became the current *Catalina Island Medical Center (CIMC)*. It purchased a new CT scanner and began to offer telemedicine services to connect island patients to medical specialists on the mainland.* (continue on page 2)



Message from the Chair *(continued from page 1)*

Just this year, CIMC entered into a new partnership with UC Irvine Health, Department of Emergency Medicine to allow for high level of emergency and urgent care evaluation services for both the citizens of Catalina Island (permanent pop. >4500) and its >1 million visitors each year! This is just the first step of a potentially larger outreach effort by UC Irvine Health to expand telemedicine services, specialty consultations, and strategic geographic growth of outreach opportunities with a

critical access hospital.

Jason Paret, MBA, is the current CEO of *CIMC*. He oversees 70 full and part-time employees, a 12 bed facility with an annual budget of \$12 million.

**(adapted from: A History of Catalina Island Healthcare. Friday, August 15, 2014, CatalinaIslandMedicalCenter.org)*

Erik Barton, MD, MS, MBA
Chair and Clinical Professor, Department of Emergency Medicine

Residency Program News

New Residency Curriculum

Affiliation with Mission Hospital ER for residents: R2 and R3 residents will rotate through their ED, and we are excited about the opportunity for a new community experience for our residents.

Expanding affiliation with Long Beach VA ER to include interns: Our R1s will spend 2 weeks at the Long Beach VA ED and our R2s will spend a full block.

Increasing Flipped-Classroom learning experience during grand rounds: We are revamping the conference curriculum and are incorporating more small group learning and a formal flipped classroom component to tie our online curriculum on Schoology directly to in-conference learning.

Residency 25th Anniversary

Our residency program graduated its first class in 1992. The program

graduated its 25th EM residency class on June 26, 2016.

Graduating Residents—Class of 2016: Where Will They Go?

Wynne Breed, MD. John Hopkins Univ. EMS and tactical medicine fellowship

Kian Connolly, MD. Kaiser Permanente, South Sacramento

Candace Gutierrez, MD. Kaiser, Fontana

Lori Ludeman, MD. Tri-City emergency medicine in Oceanside

Cassandra Majestic, MD. Hoag Hospital Newport Beach emergency department and UC Irvine part-time faculty

Jason Mefford, MD. UC Davis medical education fellowship

Kimberly Sokol, MD. UC Irvine medical simulation fellowship



Residency class of 2016 (from left to right): Kiah Connolly, Kimberly Sokol, Wynne Breed, Cassandra Majestic, Jason Mefford, Candace Gutierrez, Lori Ludeman



ACEP DMS Award Recipient

Carl H. Schultz, MD is the 2015 winner of the American College of Emergency Physicians Disaster Medical Sciences Award. The award recognizes individuals who have made outstanding contributions of national and international significance or impact to the field of disaster medicine.

EMS Subspecialty Board Certification

Robert Katzer, MD, Kristi Koenig, MD, and Eric McCoy, MD are newly board certified in the subspecialty of Emergency Medical Services (EMS).

The doctors join a group of only 445 physicians in the United States that are currently board certified in EMS. EMS is the newest subspecialty of the American Board of Emergency Medicine.

The EMS subspecialty involves prehospital and interhospital patient care. It includes the initial assessment, treatment, and appropriate transportation of patients with medical emergencies in the field. In addition to the necessary pathophysiology, this subspecialty deals with managing complex systems of care with many stakeholders focused on getting the right resources to the right patient at the right time. The national passing rate for the exam was 66%.

Meet Our New Interns: Class of 2019



Alaina Brinley
University of Texas



Tanya Dall
Georgetown



Ethan Kunstadt
University of Alabama



Sari Lahham
UC Irvine



Lindsey Spiegelman
UC Irvine



Lauren Sylwanowicz
UC Irvine



Daryn Towle
Georgetown



Justin Yanuck
UC Irvine

Air Rescue Helicopter Doctor: Robert Katzer, MD

Outside of the UC Irvine Emergency Department, **Robert Katzer, MD** volunteers as a helicopter physician with the San Bernardino County Sheriff's Department. As an Air Rescue Team member, Dr. Katzer acts as a flight physician working with the county public safety rescue.

The team provides needed air medical resources to San Bernardino County which is geographically the largest county in the United States.

The team consists of volunteer emergency physicians, nurses, physician assistants, and paramedics that provide medical and rescue staffing to the county's public safety rescue helicopters.

Some members are reserve sheriff deputies and others are citizen volunteers.

Mission capabilities include transport of serious trauma or medical patients from

paramedic ambulances in the field to specialty care centers, saving significant time over ground transport.

The team also performs hoist rescues in areas where there is no suitable area to land.

This also allows the insertion of ALS medical providers into austere conditions, in order to commence patient assessment and treatment prior to loading into the aircraft.

The broad terrain features of the county often require this capability, including the mountains of the San Bernardino National forest and peaks as high as San Geronio (11,503 feet).

The rescue helicopters utilized by the team include UH-1H Huey and one Bell 212. The Air Rescue Team responds to approximately 250 calls per year.



Robert Katzer, MD
Assistant Clinical Professor and ED Observation Unit medical director, Dr. Katzer volunteers as an Air Rescue Team flight physician for San Bernardino County Sheriff's Department.

Department Events / News

Recent Department Events & News:

Carrie Chandwani, MD, was appointed as Interim Assistant Dean of Graduate Medical Education at the UC Irvine School of Medicine effective February 1, 2016.

Mark Langdorf, MD received a Career Achievement Award to recognize 25 years of dedicated service to the department and residency.

Lori Ludeman, MD received the *Through the Patient's Eyes* award to recognize her extraordinary level of compassion and empathy with patients.

The department of emergency medicine will extend its services to Catalina Island Medical Center. This allows board-trained doctors to bring innovative skills and serve the local community.

Wirachin Hoonpongsimanont, MD is the faculty recipient of the 2016 Chancellor's Award for Excellence in Undergraduate Research.

Sophie Ava Lotfipour was born on June 23 to vice chair of education and research Shahram Lotfipour, MD.

Kristi Koenig, MD and **Carl Schultz, MD** published the second edition of *Koenig and Schultz's Disaster Medicine: Comprehensive Principles & Practice* www.cambridge.org/disastermedicine

J Christian Fox, MD is awarded the *Peter H. Arger, MD, Excellence in Medical Student Education Award* from the American Institute of Ultrasound in Medicine honoring his outstanding contributions to the development of medical ultrasound education.



EMIG Spotlight

Emergency medicine interest group to host upcoming symposium for EM bound medical students

The UC Irvine School of Medicine emergency medicine interest group (EMIG) will host the biennial Western Regional Emergency Medicine Student Symposium on September 24, 2016.

Medical students from around the nation will gather to learn more about emergency medicine and meet other medical students, EM physicians, and EM residency directors. The turnout is expected to be in the hundreds.

Innovation in emergency medicine will be this year's theme with the goal of highlighting the many ways technology have integrated into and improved both student education and patient care.

The symposium will include lectures from prominent physicians in the community, ultrasound stations, simulations of critical situations for hands-on practice by attendees, and mock interviews with current residency directors. Attendees will also get firsthand experience using SonoSim in SOM's state-of-the-art simulation center.

First and second year students will be introduced into the specialty while third and fourth year students will be able to network with California residency programs.

EMIG is pleased to host this popular symposium and look forward to another successful year at UC Irvine. Visit UCIEMIG.com for information.

Notable Faculty Publications

Langdorf MI, Medak A, Hendey GW, Nishijima D, Mower W, Raja A, Bauman B, **Anderson CL**, **Lotfipour S**, et al. Prevalence and Clinical Import of Thoracic Injury Identified by Chest CT but not Chest X-ray in Blunt Trauma: Multicenter Prospective Cohort Study. *Annals of Emergency Medicine*. 2015 Jul 11. pii: S0196-0644(15)00482-5. doi: 10.1016/j.annemergmed.2015.06.003. PMID 26169926

Chakravarthy B, Yang A, Ogbu UC, Kim C, Iqbal A, Haight J, **Anderson CL**, Dimassa G, Bruckner T, Bhargava R, Schreiber M, **Lotfipour S**. Determinants of Pediatric Psychiatry Length of Stay in 2 Urban Emergency Departments. *Pediatric Emergency Care*. 2015 Sep 24 [Epub ahead of print] PMID 26417958

Lotfipour S, Cisneros V, Ogbu UC, McCoy CE, Barrios C, **Anderson CL**, **Hoonpongsimanont W**, Alix K, **Chakravarthy B**. A retrospective

analysis of ethnic and gender differences in alcohol consumption among emergency department patients: a cross sectional study. *BioMed Central Emergency Medicine*. 2015 Sep 29;15:24. doi: 10.1186/s12873-015-0050-5. PMID 26419652

Boysen Osborn M, Mattson J, Yanuck J, Anderson C, Tekian A, **Fox JC**, Harris IB. Ranking Practice Variability in the Medical Student Performance Evaluation: So Bad, It's "Good". *Academic Medicine*. 2016 Apr 12. [Epub ahead of print] PMID 27075499

Lahham S, Wilson SP, Subeh M, Butterfield M, Albakri AR, Bashir R, **Fox JC**. Ultrasound-guided central venous access: which probe is preferred for viewing the subclavian vein using a supraclavicular approach? *American Journal of Emergency Medicine*. 2016 Jun 7. pii: S0735-6757(16)30224-8. doi: 10.1016/j.ajem.2016.06.013. Epub ahead of print PMID 27324852