

Department of Emergency Medicine Research and Academic News



OCTOBER 2016

News

Lee Marks accepted a position to be an ABEM (American Board of Emergency Medicine) Oral Board Examiner, effective 1 January 2017.

Jeremy Cushman talked to the Democrat & Chronicle (August 28) about the benefits and risks of alternatives to the patented EpiPen, saying that what may work well for first responders may not be ideal for patients' personal use.

Jeff Bazarian's BrainScope Sports Concussion Protocol titled 'Objective Brain Function Assessment of mTBI From Initial Injury to Rehabilitation and Treatment Optimization' received RSRB approval. The objective of this clinical research protocol is to objectively measure brain function using BrainScope's technology, currently in development, which employs EEG (a proven electrophysiological core technology) in a portable, point-of-care, non-invasive device. The tool has potential to improve early identification, staging, and optimization of treatment for patients who are suspected of a brain injury. Using this new generation of instrument to detect mTBI, this study is designed to collect data which will be used to correlate changes in EEG to mTBI in sports concussion. The TBI Research Team in the Department of Emergency Medicine is recruiting athletes from local colleges and universities to study after their injury.

Nicole Acquisto won the American College of Clinical Pharmacy Practice and Research Network's Outstanding Paper of the Year for their publication: Vollman KE, Adams CB, Shah MN, **Acquisto NM**. Survey of Emergency Medicine Pharmacy Education Opportunities for Students and Residents. *Hosp Pharm* 2015;50:690-9.

Presentations

Colleen Davis presented 'Sedation Medication "Time-Out"' at the Pediatric Sedation Conference in San Francisco, CA September 10-11, 2016.

Publications

Ranney ML, Fletcher J, Alter H, Barsotti C, Bebartá VS, Betz ME, Carter PM, Cerdá M, Cunningham RM, **Crane P**, Fahimi J, Miller MJ, Rowhani-Rahbar A, Vogel JA, Wintemute GJ, Shah MN. A Consensus-Driven Agenda for Emergency Medicine Firearm Injury Prevention Research. *Annals of Emergency Medicine*. Accepted August 2016.

Jagroop SS, Barbano RL, Schult R, **Wiegand TJ**, Selioutski O. Chronic diphenhydramine abuse and withdrawal: a diagnostic challenge. *Neurology Clinical Practice*. Accepted August 2016.

Mammen, JR. Computer-Assisted Concept Mapping: Visual Aids for Knowledge Construction. *Journal of Nursing Education*. 2016; 55(7): 403-406. doi: 10.3928/01484834-20160615-09

Mammen JR, Rhee H, Norton SA, & Butz AM. (2016). Perceptions and experiences underlying self-management and reporting of symptoms in teens with asthma. *Journal of Asthma*. doi: 10.1080/02770903.2016.1201835 (Epub ahead of print).

Farrugia LA, Rhyee SH, Campleman AM, **Wiegand T**, Wax PM, Brent J. On behalf of the Toxicology Investigators Consortium. The Toxicology Investigators Consortium Case Registry –the 2015 Experience. *Journal of Medical Toxicology*. 2016;12(3): 224-247. Doi:10.1007/s13181-016-0580-6. PMID: 27517280.

Hutchison L, Feder M, **Abar B**, & Winsler A. Relations between parenting stress, parenting style, and child executive functioning for children with ADHD or autism. *Journal of Child and Family Studies*. In press (2016).

Mahajan P; Kuppermann N; Mejias A; Suarez N; Chaussabel D; Casper TC; Smith B, Alpern ER; Anders J; Atabaki SM; Bennett JE; Blumberg S, Bonsu B; Borgialli D; **Brayer A**; Browne L; Cohen DM; Crain EF; Cruz AT; Dayan PS; Gattu R; Greenberg R; Hoyle JD Jr; Jaffe DM; Levine DA; Lillis K; Linakis JG; Muenzer J; Nigrovic LE; Powell EC; Rogers AJ; Roosevelt G, Ruddy RM, Saunders M, Tunik MG, Tzimenatos L, Vitale M; Dean JM; Ramilo O; Pediatric Emergency Care Applied Research Network (PECARN). "Association of RNA biosignatures with bacterial infections in febrile infants aged 60 days and older". *JAMA*. 2016; 316(8): 846-857.



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