

Emergency Medicine Resident Research Forum

April 23, 2019

9:00 a.m. – 12:00 p.m.

The University of Arizona College of Medicine – Tucson
5th floor Conference Room, #5403
1501 N. Campbell Ave.
Tucson, Arizona 85724

Amanda L. Bogie, MD
Keynote Speaker

The University of Arizona Emergency Medicine Research Center (AEMRC) and the UA Department of Emergency Medicine proudly welcome Amanda L. Bogie, MD, as our 2019 Resident Research Forum Keynote Speaker. Her talk will be about: ***The Tale of a Clinical Scholar Educator in the 21st Century.***

Dr. Amanda Bogie is an Associate Professor of Pediatrics at The University of Oklahoma Health Sciences Center (OUHSC) and has served as faculty since 2001. She is also an Adjunct Associate Professor within the Dept. of Emergency Medicine, Tulsa Branch, University of Oklahoma. Dr. Bogie developed the Pediatric Emergency Medicine Program at OUHSC in 2009 after recognizing a deficit of highly trained PEM physicians, and has since led operations as the Senior Program Director and Fellowship Director, currently overseeing a complement of 10 Fellows. In 2011, Dr. Bogie was named PEM Section Chief, where she secured funding for an Endowed Professorship in PEM Education, and also established a Director of Pediatric Simulation for both the PEM fellows and Pediatric residents. She has grown the Section from 5 to 22 physicians, of which 15 are PEM fellowship trained, and 3 are Child Abuse Pediatricians. She also oversees the EMSC and Child Abuse Pediatric Program housed within her Section. In 2016, she was awarded The Children's Hospital Foundation, John. H. Stuemky, MD. Endowed Professorship. Over the last 10 years, Dr. Bogie has also functioned intermittently as Medical Director for The Children's Hospital ED where she assisted in growing the ED from a volume of 24,000 to 48,000/year, and from a capacity of 9 rooms to 27. After graduating with a Bachelors of Musical Arts at the University of Oklahoma, she obtained her Medical Degree and completed her Pediatric Residency at OUHSC. She then completed a PEM Fellowship at UT Southwestern Medical Center, Children's Medical Center in Dallas, under the leadership of Dr. Robert Wiebe.

Dr. Bogie is a member of numerous professional organizations, including the American Academy of Pediatrics, Pediatric Academic Society, Pediatric Southern Regional, Pediatric Trauma Society, American College of Emergency Physicians and the National Pediatric Emergency Medicine Collaborative Research Committee. She is Co-Chair for the Quality and Safety Improvements (QUASI) Subcommittee and is the Hospital Emergency Department Affiliate Principal Investigator (HEDA-PI) for the Oklahoma division of the Pediatric Emergency Care Applied Research Network (PECARN) SouthWest Research Node.

Dr. Bogie is the author of numerous papers, abstracts and publications and is currently involved in nine ongoing studies within the Section. Her recent research interests include: migraine treatments, nicotine exposure, physician burnout, and the use of music in medicine.



EVENT SCHEDULE

WELCOME

9:00 – 9:10 a.m.

Samuel M. Keim, MD, MS

KEYNOTE ADDRESS

9:10 – 9:55 a.m.

The Tale of a Clinical Scholar Educator in the 21st Century

Amanda L. Bogie, MD

PRESENTATIONS

9:55 – 10:05 a.m.

Emergency Screening and Care for the Adolescent Patient: A Prehospital Behavioral Health Assessment Screening Tool.

Mary Logsdon, MD, Elhaam Anvar, MD, and Adam Field, MD. Mentor: Dale Woolridge, MD, PhD, FACEP

10:05 – 10:15 a.m.

Comparison of Comfort and Presence of Skin Irritation in Non-Injured Volunteers Wearing Semi-Rigid and Soft Cervical Collars

Melissa Hartley, MD, Chris Eppich, MD, Philipp Hannan, MD. Mentor: Joshua B. Gaither, MD, FACEP

10:15 – 10:25 a.m.

Retention of Musculoskeletal Training After Sports Medicine/Orthopedic Rotation in Emergency Medicine Residents

Bryson Bendall, MD and Kelcy Higa, MD. Mentors: Allison Lane, MD and Anna Waterbrook, MD, FACEP

10:25 – 10:35 a.m.

Feasibility of Intranasal Ketamine for Pediatric Procedural Sedation: An Initial Descriptive Report

Priti Rawani-Patel, MD and Lindsey Retterath, MD. Mentor: Vivienne Ng, MD, MPH

10:35 – 10:45 a.m.

Does EMS Adequately Dose Ketamine Prehospital?

Yousef Janajreh, MD and Nicolas Enriquez, MD. Mentor: Joshua B. Gaither, MD, FACEP

10:45 – 10:55 a.m.

Surgical Airways Performed in an Academic Emergency Department Over a 10-Year Period

Christopher C. Wu, MD, Trenten L. Martinez, MD, and James D. Kim, MD. Mentor: John C. Sakles, MD, FACEP

10:55 – 11:05 a.m.

POC Ultrasound Assessment of Syncope

Mark Lisowski, MD and Landon Pratt, MD. Mentors: Srikar Adhikari, MD, MS and Elaine Situ-LaCasse, MD

11:05 – 11:15 a.m.

Caterpillar Clinical Effects: A Review of 17 years of Poison Control Centers' National Poison Data

Russell Means, MD. Mentor: Robert N.E. French, MD, MPH

11:15 – 11:25 a.m.

Accuracy of POC Ultrasound for the Diagnosis of Scrotal Pathology in the Emergency Department

Rebecca Rawlins, MD. Mentor: Srikar Adhikari, MD, MS

11:25 – 11:35 a.m.

Rural/Urban Patients with Traumatic Brain Injury Utilizing Level 1/Non-Level 1 Trauma Centers in Arizona

Daewon Kim, MD. Mentor: Tomas Nuño, PhD

11:35 – 11:45 a.m.

The Practice Patterns of Emergency Physicians Obtaining Additional Training in Pediatrics

Kathryn Hodgdon, MD, James Dill, MD, Danielle Dardis, MD, and Joshua Glasser, MD. Mentors: Dale Woolridge, MD, PhD, FACEP and Aaron N. Leetch, MD, FACEP

11:45 – 11:55 a.m.

Comparison of Thoracic Ultrasound and Chest X-ray in Patients with Traumatic Pneumothorax and Tube Thoracostomy

Rachelle Halasa, MD. Mentor: Srikar Adhikari, MD, MS

11:55 a.m. – 12:05 p.m.

Describing the Study Habits of Emergency Medicine Residents, a Two-Year Analysis

Thoracostomy

Gregory Ely, MD and Reese Dare, MD. Mentor: Vivienne Ng, MD, MPH

SUMMARY

12:05 pm. – 12:10 p.m.

Kurt R. Denninghoff, MD



Sponsored by

**The University of Arizona Emergency Medicine
Research Center**
**The University of Arizona Department of
Emergency Medicine**

Conference Planning Committee

Tomas Nuño, PhD

Research Assistant Professor, Emergency Medicine
Assistant Professor, Mel and Enid Zuckerman College of Public Health

Isabelle Chea

Research Specialist, Emergency Medicine

Kurt R. Denninghoff, MD

Distinguished Professor and Research Associate Head, Emergency
Medicine
Professor, Optical Sciences



Maria C. Mandell Memorial Emergency Medicine Award

This award is given in memory of Maria C. Mandell, who was a dedicated volunteer for emergency medicine at the University of Arizona, beginning with University Medical Center's opening in 1971 and until her death in 1983. It was through her efforts that the Emergency Medicine Auxiliary was established.

This award, established in her name by her husband Bert, is a tribute to her interest and contributions to emergency medicine. The award provides support for medical students and residents to conduct research in emergency medicine and injury prevention. It is given as the award for the outstanding ScholarQuest project and presentation at the Annual Resident Research Forum.

ScholarQuest is a novel program developed with the goal to provide research training and experience using real-world conditions. During the first year of the program, residents are taught research skills. Then, under the direction of the UA Department of Emergency Medicine faculty and research staff, residents form teams and develop project proposals based on questions that have been raised by their work in the emergency department. During their second year, the teams conduct the proposed research, submit an abstract of the work to a national meeting, and present their work to a panel of local faculty judges for review.

By conducting their own research, the residents gain valuable personal experience with the research process and improve their skills as practicing physicians through a greater understanding of how new knowledge is developed and validated.