

Emergency Medicine Research News November 2019

Conducting innovative clinical and translational emergency care research to advance the health of the people of Wisconsin and beyond.

Top Stories

WACEP 2020 Spring Symposium & 28th Annual EM Research Forum - Abstract Deadline

WACEP 2020 is just around the corner! The forum will be held on April 16, 2020 in Middleton, WI. **The abstract deadline is 4:00pm on Friday, February 14, 2020.** Abstracts must be submitted via email as a Microsoft Word document to demresearch@medicine.wisc.edu. As always, registration for the Forum only is free. Information about registration and agenda coming soon!

ACEP 2019 Awards

A special congratulations go out to our Ultrasound heroes **Sara Damewood MD** and **Hani Kuttub MD** for winning big at **ACEP 2019!** Dr. Damewood was honored with the **Innovation in Clinical Ultrasound Education Award** from the ACEP Emergency US Section, and Dr. Kuttub was awarded the **EMRA Academic Excellence Award.**

Antibiotic Awareness Week: November 18-24, 2019



Antibiotic Awareness Week, sponsored by the WHO and the CDC, aims to increase awareness of global antibiotic resistance and to encourage best practices among the general public, health workers and policymakers to avoid the further emergence and spread of antibiotic resistance.

Antibiotics save lives, but any time they are used, they can lead to antibiotic resistance. In U.S. doctors' offices and EDs, at least 47 million antibiotic prescriptions each year are unnecessary, making improvements to antibiotic prescribing and use a national priority. **The future of antibiotics depends on all of us.**

[Be Antibiotics Aware: Smart Use, Best Care](#), is a year-round effort to improve antibiotic prescribing and use and combat antibiotic resistance. **To learn more about how you can get involved, please use the link below and/or participate in social media!**

#USAAW19 #BeAntibioticsAware @CDC.gov

Be Antibiotics Aware

Upcoming Deadlines (Conferences and Awards)

National Conference Deadlines:

[ISMARM 2020](#): Abstract due date - November 6, 2019

[AGS 2020](#): Abstract due date - December 3, 2019

[NAEMSP 2020](#): Hotel and Early Bird Registration - December 13, 2019

[SAEM 2020](#): Abstract due date - January 2, 2020

Award Submission Deadlines (National and Institutional):

[AGS 2020 Awards](#) - December 3, 2019

[SAEM 2020 Awards](#) - December 9, 2019

[CORD 2020 \(Academy Award, Academy Legacy Mentor Award, Longevity Award\)](#) - January 6, 2020

[AAEM 2020 Awards](#) - January 12, 2020

[Lasker Foundation Awards](#) - February 3, 2020

[UW-Madison University Staff Awards](#) - February 28, 2020

Upcoming/Recent Presentations (DEM authors listed)

[American College of Emergency Physicians \(ACEP 2019\) annual meeting, October 27-30, 2019](#)

R. Kilian, R. Redwood, R. Schwei, B. Sharp, M. Pulia: "Impact of Eliminating a Urinalysis with Reflex to Urine Culture on Urine Testing Patterns in the Emergency Department" (oral research presentation)



Upcoming Events

VIP Grand Rounds

UTI in Older Adults- The Need for a New Diagnostic Approach

November 7, 2019

10:00a.m. - 10:50a.m.

Jeffrey Caterino, MD, MPH

November 21, 2019

10:00a.m. - 10:50a.m.

Jason McMullan, MD

Veteran's Day

November 11, 2019

DEM Social Meet & Mingle

November 18, 2019

12:00p.m. - 1:00p.m.

DEM Residency Lounge (*2019 Partners in Giving Campaign station!*)

Antibiotic Awareness Week 2019

November 18-24, 2019

2019 SMPH/Shapiro Student Research Forum

November 25, 2019

12:00p.m. - 5:00p.m.

HSLC Atrium

2019 Berbee Derby

November 28, 2019

Thanksgiving

November 28, 2019

Emergency Services Holiday Gathering

December 5, 2019

The Madison Club

Prehospital Appreciation Event (A Christmas Carol)

December 13, 2019

The Overture Center



Recent Publications

Manuscripts:

Taani MH,...**Libber J**, et al. Semi-Recumbent Vibration Exercise in Older Adults: A Pilot Study of Methodology, Feasibility, and Safety. [Gerontology & Geriatric Medicine. October 2019.](#)

Probst MA,...**Shah MN**, et al. Risk Stratification of Older Adults Who Present to the Emergency Department With Syncope: The FAINT Score. [Annals of Emergency Medicine. October 2019.](#)

Newberry R, Winckler CJ, Luellwitz R, Greebon L, Xenakis E, Bullock W, Stringfellow M, Mapp J. Prehospital Transfusion of Low-Titer O+Whole Blood for Severe Maternal Hemorrhage: A Case Report. [Prehospital Emergency Care. September 2019.](#)

Norman RS, **Shah MN**, Turkstra LS. Language Comprehension After Mild Traumatic Brain Injury: The Role of Speed. [American Journal of Speech-Language Pathology. August 2019.](#)

Thiruganasambandamoorthy V,...**Shah MN**, et al. Prevalence of Pulmonary Embolism Among Emergency Department Patients With Syncope: A Multicenter Prospective Cohort Study. [Annals of Emergency Medicine. 2019 May; 73\(5\): 500-510.](#)

Studies Currently Enrolling in the ED

All of Us

The purpose of this study is to build a national database that will be available to researchers to further precision medicine. Enrollers will approach patients to participate, help them go through the portal to complete the baseline surveys, and schedule follow-up appointments with patients for bio-specimen collection. We are hoping to enroll family members and guests in this study as well. For questions, see Dr. Manish Shah.

Caregiver Uncertainty

This pilot study aims to assess the feasibility and acceptability of enrolling and surveying patients with memory changes and their caregivers in the ED. Eventually, these pilot data will be submitted for a grant to expand the study. If funded, the study would aim to understand how these patients and their caregivers make decisions about coming to the ED. Hopefully, this will help shed some light on resources that would be useful for these patients/caregivers to receive support in the community rather than seeking care in the ED. Enrollers will perform all study activities for this study, as it is a survey-based study. For questions, see Dr. Manish Shah.

Engineering Safe Care Journeys for Vulnerable Older Adults

As a part of the AHRQ grant titled “Engineering Safe Care Journeys for Vulnerable Older Adults”, researchers from the Wisconsin Institute for Healthcare Systems Engineering will soon begin conducting observations in the ED to observe disposition decision-making discussions between patients and clinicians. Their intent is to better understand the disposition decision-making

process for older adult patients and barriers/facilitators in the process. They will use these data to design a tool that will improve transitions from the ED to the hospital, the patient's home and skilled nursing facilities. If you have any questions or concerns about the observations, please contact the study PI, Dr. Pascale Carayon (pcarayon@wisc.edu).

Evaluating the Utility of Thermal Imaging in Diagnosing Cellulitis for Lower Extremity Complaints in the Emergency Department

The main purpose of the study is to determine the temperature gradient between affected and unaffected legs in patients with cellulitis and compare the difference in temperature between cases of cellulitis and pseudocellulitis. A secondary purpose is to assess the impact of thermal imaging data on diagnostic assessments of potential cellulitis cases when added to standard techniques. For questions, see Dr. Mike Pulia.

Lumos FebriDx

The purpose of this study is to test a device to identify the infectious etiology (virus vs. bacteria) of patients presenting with acute respiratory symptoms. This device, called FebriDx created by Lumos Diagnostics, uses a finger stick blood sample to measure the levels of various pathogens. The hope is for this device to be widely available for patients to help guide their decisions to seek care for respiratory illnesses. In addition to the finger stick, the EDRCs will be collecting nose and throat swabs as well as blood samples to send for confirmatory testing. This study is expecting to enroll 1-2 patients per week during daytime hours. For questions, see Dr. Michael Ward or Dr. Michael Pulia.



**BerbeeWalsh Department of
Emergency Medicine**
UNIVERSITY OF WISCONSIN
SCHOOL OF MEDICINE AND PUBLIC HEALTH

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slwest@medicine.wisc.edu

