Top Stories

Michael Pulia: *NEJM* Letter Published

We are excited to share that Michael Pulia, MD, MS has a letter to the editor published in *The New England Journal of Medicine*. This letter, titled "Procalcitonin-Guided Antibiotic Use", is a milestone for our research group as this is the first news piece to be published in *NEJM* by one of our faculty members. Kudos Mike!

[Link to Correspondence]

17th Annual SMPH Medical Student Research Forum, November 19, 2018
Congratulations to our Shapiro students for another successful year of student led research. The SMPH Student Research Forum is an annual event that showcases the research accomplishments of SMPH students, including seven of our Shapiro research students (presentation titles listed below). Over 100 students presented their work through podium and poster presentations.

Aaron Beck: “Identifying Gaps in Primary Care that Influence Emergency Care Use by Community-Dwelling Patients with Dementia” (oral presentation)
Nicholas Genthe: "Community Paramedic Pilot Program Operational Metrics and Impact on Patient Emergency Medical Services Utilization" (oral presentation)
Jenna Hatab: “Decreasing Patient Distress during Minor Procedures in a Pediatric Emergency Department as Assessed Using Pediatric Sedation State Scale” (poster)
Steven Hesse: “Antibiotic Stewardship Interventions for SSTIs in the Emergency Department: A Mixed Methods Approach” (poster)
Brandon Kim: “Evaluation of Triage Danger Signs and Outcomes for Pediatric Patients in the Acute Care Setting at Mbale Regional Referral Hospital, Uganda” (poster)
Sarah Saenz: “B-Type Natriuretic Peptide’s Usefulness in the VA Emergency Department” (poster)
Julia Wilson: "Assessing the Feasibility and Barriers of a Diabetic Diet in a Rural Guatemalan Community” (poster)

27th Annual Wisconsin Emergency Medicine Research Forum:
Call for Abstracts

The BerbeeWalsh Department of Emergency Medicine at the University of Wisconsin-Madison, the Department of Emergency Medicine at the Medical College of Wisconsin, and the Wisconsin Chapter – American College of Emergency Physicians are joining forces to host the 27th Annual Wisconsin Emergency Medicine Research Forum. The forum will be held on April 4, 2019 at The Harley Davidson Museum in Milwaukee, WI. The abstract deadline is 4:00pm on Monday, February 18, 2019. Abstracts must be submitted via email as a Microsoft Word document to wisconsinemresearch@gmail.com

For more information...
Upcoming Events

VIP Grand Rounds (Second Victim Syndrome)
December 6, 2018 - Jennifer Mitzman, MD

UWHC Emergency Services Holiday Party
Thursday, December 6, 2018
7:00p.m.-12:00a.m.
The Madison Club

2019 Research Forum (Research Day 2019)
April 4, 2019
The Harley Davidson Museum
400 W Canal Street, Milwaukee, WI
Abstract Deadline: February 18, 2019

Recent Publications

Manuscripts:

Usman OA, Usman AA, Ward MA. Comparison of SIRS, qSOFA, and NEWS for the early identification of sepsis in the Emergency Department. The


Book Chapters:


Protocols Recently Approved by the EMRC

1. Pascale Carayon, PhD: "Patient Safety Learning Laboratory: Understanding ED disposition decision-making and care transitions"

Studies Currently Enrolling in the ED

Paramedic-Coached ED Care Transitions to Help Older Adults Maintain their Health
The purpose of this study is to test the overall hypothesis that a community-based, paramedic-coordinated ED-to-home Care Transition Intervention will improve community-dwelling older adults’ post-ED health outcomes and reduce cost. This study will include older adults discharged home from the ED, as well as their caregiver. For questions, see Dr. Manish Shah.

Cobas® vivoDx MRSA Clinical Performance Study Protocol
The purpose of this study is to evaluate the performance of a new Roche investigational test that is designed to detect live MRSA in nasal samples collected from the nose in less than six hours. We will swab participants’ noses two times in each nostril and then the samples will be brought to the lab for analysis. For questions, see Dr. Manish Shah or Dr. Mike Pulia.

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.
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 Perspectives on Recruiting Patients with Memory Challenges into Research
This is a qualitative study lead by Dr. Gilmore-Bykovsyyi in the School of Nursing that aims to better understand how to include patients with dementia and their caregivers in research. Caregivers of patients with dementia will be approached and asked if they would be willing to participate in an informal interview with a member of the study team. For questions, see Dr. Manish Shah.

Clinical Evaluation of the Omron Wheeze Detector Prototype and Algorithm
The purpose of this study is to test a wheeze detector prototype created by Omron Healthcare in pediatric patients with a history of asthma or suspected of having asthmatic symptoms. This is a new protocol but is a continuation of the previous Omron study that is more tailored to the target patient population. Enrollers will take a 30-second recording of eligible patients breathing to capture lung sounds of interest. For questions, see Dr. Manish Shah or Dr. Michael Kim.

Please send newsletter ideas and suggestions to Sharon West:
slwes@medicine.wisc.edu