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 - Join Us!

REMINDER: WACEP 2020 is just around the corner! The forum will be held on April 16, 2020 in Middleton, WI at the Madison Marriott West hotel. Registration for the Forum only is free. For more information regarding registration, schedule, and awards, please see the link below!

Dr. Michael Pulia interviewed for the Times of London and the Wall Street Journal

It has been an exciting February for Michael Pulia MD MS, our Director of the Emergency Medicine Antimicrobial Stewardship Program. Dr. Pulia was interviewed on February 5, 2020, by the Times of London, Britain's oldest national newspaper, founded in 1785. The interview was in relation to a recent study on antibiotic prescribing without a doctor visit. This study was performed by another research group in the United States, and the Times wanted an expert not affiliated with the study to comment. In the same week, Dr. Pulia was interviewed to comment on the same study by the Wall Street Journal! These interviews are impressive and showcase Dr. Pulia as a leading researcher, expert, and top authority in antimicrobial stewardship. Brilliant job, Mike!

Read the articles online (subscriptions required)!

The Times of London - Nearly a third of prescriptions for antibiotics in the US may be given to patients who have not been examined by a doctor

The Wall Street Journal - Patients Often Get Antibiotics Without a Doctor Visit, Study Finds
Ultrasound in Uganda

Jessica Schmidt MD MPH, Director of Global Health for Emergency Medicine, has partnered with local physicians at UW and physicians at Mbale Regional Referral Hospital and the Mbale Clinical Research Institute (MCRI), along with Atlas International (an NGO dedicated to improving health for children in Eastern Africa) to develop a project aimed at creating a training and research program in point-of-care ultrasound (POCUS) in Mbale, Uganda. The goal is to improve patient care and survival rates in Uganda's low-resource setting. Dr. Schmidt is also studying how to use POCUS to better care for children in this low-resource setting in conjunction with Dr. Olupot-Olupot, who is the Director of the MCRI. Excellent work, Jessica!

Dr. Corlin Jewell Receives "One Step Further" Award

Congratulations to chief resident Corlin Jewell MD for receiving the Spring 2020 Rosh Review "One Step Further" Award from EMRA (Emergency Medicine Residents’ Association). This national award is presented to a resident who exemplifies the ideals of continuous learning and self-improvement, and always goes "one step further" to improve a weakness or accelerate a strength. In addition, awardees will be highlighted in the April/May edition of EM Resident magazine, which reaches over 16,000 EMRA members. Way to go, Corlin!

Upcoming Deadlines (Conferences and Awards)

Conference Deadlines:
- ISMRM 2020 (Hotel and Early Registration Deadline) - March 11, 2020
- SAEM 2020 (Early Registration Deadline) - March 16, 2020
- AAEM 2020 (Hotel Reservation Deadline) - March 20, 2020
- AMIA CIC 2020 (Early Registration Deadline) - March 26, 2020
- SAEM 2020 (Hotel Group Rate Deadline) - April 15, 2020

Award Submission Deadlines (National and Institutional):
- GSA 2020 (Society Wide and Section Awards) - March 21, 2020
Upcoming/Recent Presentations (DEM authors listed)

Council of Residency Directors in Emergency Medicine (CORD EM) Academic Assembly, March 8-11, 2020
A. Kraut, L. Sheehy, B. Schnapp, and B. Patterson: "Evaluating the Effect of Resident Physicians in a Supervisory Role on Clinical Efficiency in a Community Emergency Department" (poster)

American Academy of Emergency Medicine (AAEM) annual meeting, April 19-23, 2020
E. Maginot, R. Schwei, L. Valmadrid, and M. Pulia: "A Qualitative Comparison of Long Term Care and Emergency Department Nurses Perception of the Other" (poster)

Upcoming Events

DEM Journal Club & Research Lecture (Pediatrics)
March 5, 2020
11:00 a.m. - 1:00 p.m.
Michael Repplinger, MD, PhD
Nicholas Kuehnel, MD
Josh Ross, MD
Michael Kim, MD

VIP Grand Rounds
First Trimester Vaginal Bleeding: Answering the Tough Questions
March 5, 2020
10:00 a.m. - 10:50 a.m.
Dara Kass, MD

Bradycardic and Hypotensive Overdose
March 19, 2020
10:00 a.m. - 10:50 a.m.
Christopher Hoyte, MD

Cognitive Overload in the ED: Managing the Controlled Chaos of the ED
Jason Wagner, MD
Influenza Diagnosis and Treatment in the Emergency Department
Recent Publications

Manuscripts:


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.

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.

Engineering Safe Care Journeys for Vulnerable Older Adults (Part 1)
As a part of the AHRQ grant titled “Engineering Safe Care Journeys for Vulnerable Older Adults”,
EDRCs will start administering surveys to older adult fall patients about their perceptions of health
care. EDRCs will administer two short surveys, one in the middle of the patient's stay and one just
before the patient leaves the ED. These data will serve as baseline data to evaluate a tool that will
be designed to 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 project, please contact the
study PI, Dr. Pascale Carayon (pcarayon@wisc.edu) or Drs. Shah or Patterson.

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.

Integrating mHealth for Alcohol Use Disorders into Clinical Practice
The purpose of this study is to use mobile health technology to support patients wishing to
balance alcohol consumption with their other health goals. The EDRCs will be screening for
potentially eligible patients and informing them of the study - no study activities will take place in
the ED. The EDRC team is working with Dr. Andrew Quanbeck from the Department of Family
Medicine and Community Health on this implementation study to see how the app his team has
developed integrates into patients' lives. For questions, see Dr. Manish Shah or Dr. Brian
Patterson.

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.
Please send newsletter ideas and suggestions to Sharon West:

slwest@medicine.wisc.edu

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Our mailing address is:
BerbeeWalsh Department of Emergency Medicine
University of Wisconsin School of Medicine and Public Health
800 University Bay Drive, Suite 310
Madison, WI 53705
demresearch@medicine.wisc.edu