Emergency Medicine Research News
September 2020

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

-Top Stories-

Dr. Michael Pulia Receives NIH LRP Award

Congrats to Michael Pulia MD MS, who was awarded an NIH Loan Repayment Program Award from the National Institute of Allergy and Infectious Diseases. This highly competitive grant pays for medical school loans for researchers. Way to go, Mike!

Dr. Brian Patterson Leads Seminar at the Scottsdale Institute

Brian Patterson MD MPH, our Physician Informatics Director for Predictive Analytics, will co-lead a virtual seminar, "Predictive Analytics at UW Health" on September 1, 2020 at the Scottsdale Institute! The Scottsdale Institute is a not-for-profit membership organization of prominent healthcare systems whose goal is to achieve clinical integration and transform the way we work through information technology. Along with Frank Liao PhD, Director of Data Science and Advanced Analytics - UW Health, and Sabrina Adelaine PhD, Applied Data Scientist - UW Health, Brian will share some key themes and strategies for success based on their experiences and the lessons learned thus far in their journey. Congrats, Brian!

Kudos

-Kudos to Michael Pulia MD MS, whose WestJEM article, "COVID-19: An Emerging Threat to Antibiotic Stewardship in the Emergency Department", was featured in a recent issue of the Center for Infectious Disease and Research Policy - Antimicrobial Stewardship Project (CIDRAP-ASP) Newsletter! The CIDRAP is part of the University of
Minnesota and is a global leader in addressing public health preparedness and emerging infectious disease response.

**-Recent Publications-**

**Manuscripts:**


**-Upcoming Events-**

**First Day of Class - UW-Madison**
September 2, 2020

**DEM VIP Grand Rounds**
September 3, 2020 - 10:00am-11:00am
Alumni Panel

**DEM Journal Club - EM Ultrasound**
September 3, 2020 - 11:00am-1:00pm

**Labor Day**
September 7, 2020

**DEM VIP Grand Rounds**
September 10, 2020 - 10:00am-11:00am
Susan Wilcox, MD

**First Day of Autumn 🍁**
September 22, 2020
DEM VIP Grand Rounds
September 24, 2020 - 10:00am-11:00am
Chris Colwell, MD

DEM Journal Club - Topic TBD
September 24, 2020 - 11:00am-1:00pm

ASER 2020 (virtual conference)
September 30 - October 3, 2020

DEM VIP Grand Rounds
October 1, 2020 - 10:00am-11:00am
Daniel Ridelman Monzon, MD

Conference Deadlines:
- NAEMSP 2021 (Abstract Due Date) - September 8, 2020
- ICMRI 2020 (Abstract Due Date) - September 9, 2020
- ICMRI 2020 (Early Registration Deadline) - October 7, 2020
- IDWeek 2020 (Early Registration Deadline) - October 7, 2020

Award Submission Deadlines (National, International, and Institutional):
- ICMRI 2020 (Scholarships & Travel Grants) - September 9, 2020
- NAEMSP 2021 (Annual Meeting Awards) - October 1, 2020
- ISMRM 2021 (Young Investigator Awards Competition) - October 15, 2020

-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 two 30-second recordings 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.

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.

-Discover DEM-

Submit - Ideas and Suggestions

Subscribe - DEM Research Newsletter

For More News, Please Visit Our Website