Newly Funded Grants at DEM

Congrats to Ben Schnapp MD, who is the site leader on a grant from the American Medical Association. The grant, titled “Development of a Unified System of Assessment and Predictive Learning Analytics Using Entrustable Professional Activities Across Emergency Medicine Residency Program,” will develop specific, measurable outcomes in the form of entrustable and observable professional activities for EM residents and develop an assessment dashboard and learning analytics platform to track residents as they progress through training. Of note, this grant is led by our own residency program graduate, Holly Caretta-Weyer MD!

The Wisconsin Partnership Program has awarded Brian Patterson MD MPH, Mike Pulia MD MS, Ryan Thompson MD, and Manish Shah MD MPH a grant titled “Wisconsin Real-time Emergency Department Surveillance and Responsive Training (WIRED-RT).” This grant, which also includes Frank Liao PhD from UW Health, Justin Boutillier PhD from Engineering, and the Marshfield Clinic, will develop and test an EHR based advanced surveillance system using predictive analytics, linked to just-in-time training infrastructure, to facilitate early and targeted public health and health system operational responses for COVID. Congratulations to all on this great achievement!

Kudos

-Kudos to Micah Roberts, one of our Research MPAs, who was chosen to serve on the University Research Council as the University Staff representative. The University Research Council is the governing body for the Office of the Vice Chancellor for Research and Graduate Education (VCRGE). It advises the VCRGE on the overall UW–Madison research enterprise and represents the interests of the University community at large. Way to go, Micah!
Kudos to Brian Sharp MD, Aaron Kraut MD, Chris Vandivort MD, and Jessica Edgecomb MD who have published their SAEM 2020 virtual didactic - "A Practical Alternative to the "Wellness" Curriculum: Building a Second Victim Support Network". You can watch the content on YouTube using the link below!

SAEM20 Virtual Presentation

-Recent Publications-

Manuscripts:


Meloy PG, Henn MC, Rutz D, Bhambri A. Eclampsia. JETem. 2020;5(3).


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- **Upcoming Events**-

**Academy Health 2020** (virtual conference)
July 28 - August 6, 2020

**DEM Journal Club - COVID-19 Research**
August 6, 2020 - 11:00am-1:00pm

**ISM RM 2020** (virtual conference)
August 8-14, 2020

**DEM VIP Grand Rounds**
August 27, 2020 - 10:00am-11:00am
Jin Ho Han, MD

**DEM VIP Grand Rounds**
September 3, 2020 - 10:00am-11:00am
Maggie Samuels-Kalow, MD

**DEM Journal Club - EM Ultrasound**
September 3, 2020 - 11:00am-1:00pm
Conference Deadlines:
- APHA 2020 Virtual (Early Registration Deadline) - August 27, 2020
- AMIA Annual Virtual Symposium (Early Registration Deadline) - August 27, 2020
- NAEMSP 2021 (Abstract Due Date) - September 8, 2020
- ICMRI 2020 (Abstract Due Date) - September 9, 2020

Award Submission Deadlines (National, International, and Institutional):
- ICMRI 2020 (Scholarships & Travel Grants) - September 9, 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
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.