Emergency Medicine Research News
March 2021

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

-Top Stories-

DEM EDRC Program Celebrates Its 5th Anniversary

In 2016, the Emergency Department Research Coordinator (EDRC) Program launched within the BerbeeWalsh Department of Emergency Medicine (DEM). In 2021, the program celebrates its 5th anniversary and the many achievements that it has experienced since its inception. Over 5 years, the program has completed 17 research studies and enrolled over 3,800 patients, with 10 additional studies currently underway.

At the core of the program’s successful growth are the ED Research Coordinators, many of whom find the experience a valuable stepping stone to careers in medicine and research. 10 coordinators have been accepted to medical or PA schools at prestigious universities and colleges. 3 coordinators have completed or been accepted to the MPH program at UW SMPH. Others are working in professional research positions either within DEM or UW-Madison. We have been so grateful to work with more than 20 research coordinators since the beginning of the program, and look forward to the dedication, commitment, and skills of new faces to come. But first, we must say farewell to 3 coordinators who have completed their tenure with the program this spring. We would like to congratulate the following coordinators who will be starting graduate studies in 2021; Eden Charles, Savana Overly, and Mackenzie Rabas.

DEM is extremely proud to be able to mentor and support our research coordinators in the early phases of their careers while fulfilling the program’s core mission to advance research at UW and beyond. Congratulations to the EDRC Program for hitting an incredible milestone of 5 years of service!

WACEP 2021 Spring Symposium & 29th Annual EM Research Forum - Join Us!

REGISTER TODAY
29th Annual Wisconsin Emergency Medicine Research Forum
REMINDER: WACEP 2021 is just around the corner! The symposium and forum will be held virtually on April 8, 2021. Registration for the Forum only is free. For more information regarding registration, schedule, and awards, please see the link below!

Dr. Manish Shah Featured in UW SMPH's Quarterly Magazine

Shah Leads Grant Aimed at Enhanced Emergency Care for People with Dementia

Manish Shah MD MPH, was selected for the faculty Spotlight feature in the latest issue of Quarterly Magazine. Quarterly Magazine is the magazine for alumni, friends, faculty, and students of the University of Wisconsin School of Medicine and Public Health. Dr. Shah's article, "Shah Leads Grant Aimed at Enhanced Emergency Care for People with Dementia", discusses his research and recent $7.5 million NIH grant that aims to reduce ED visits and identify gaps in emergency care for dementia patients. Congrats, Manish!

To read the full article, please see the link below.

Dr. Michael Repplinger - A Champion for Addiction Medicine

Congrats to Michael Repplinger MD PhD, who recently passed his Addiction Medicine board exam! He is the first in DEM to be certified in Addiction Medicine. This valuable first comes at a truly critical time when EDs across the nation are experiencing a hidden spike in opioid overdoses during the COVID-19 pandemic. UW Health and the BerbeeWalsh Department of Emergency Medicine have witnessed a 15% increase in ED visits related to opioid overdose in 2020, according to Dr. Repplinger. "Sadly, an unintended consequence of the pandemic is that it has forced people into isolation in many places, often taking away the support systems for those managing opioid addiction", he said.

Dr. Repplinger is passionate about improving research and clinical care for individuals with opioid use disorders. His current projects aim to increase co-prescribing of naloxone with opioids from the ED as well as increasing the use of buprenorphine for opioid withdrawal symptoms and long-term addiction treatment. We commend Dr. Repplinger's advocacy and can't wait to see how he continues to improve the quality of care provided to patients with mental health and substance abuse disorders!

DEM Ranked Among Top 20 for NIH Research Funding in 2020

The BerbeeWalsh Department of Emergency Medicine (DEM) has been ranked among the top 20 departments in the nation for research funds awarded in emergency medicine by the National Institutes of Health (NIH) in 2020. Additionally, Manish Shah MD MPH has
been ranked among the top 20 emergency medicine researchers in the nation, according to the annual rankings released by the Blue Ridge Institute for Medical Research. We want to send a huge **THANK YOU** to all of our researchers and staff for helping us to be leaders in emergency medicine research.

**Upcoming/Recent Presentations (DEM authors listed)**

Inaugural EMS Day - Spectrum Health/Michigan State University EM Residency, ECS (Emergency Care Specialists), & Kent County EMS  
February 11, 2021  
M. Mancera: "Out of Hospital Cardiac Arrest: 2021 Update" (Invited speaker, oral presentation)

**DEM RESEARCH PROGRAM VIRTUAL BULLETIN BOARD**

**-Recent Publications-**

Manuscripts:


Book Chapters:


**-Upcoming Events-**
DEM VIP Grand Rounds
A team-based approach to geriatric fall prevention in the ED: the GAPcare Intervention
March 4, 2021
10:00am - 11:00am
Elizabeth M. Goldberg, MD

St. Patrick’s Day 🍀
March 17, 2021

Alzheimer's Disease and Related Disorders Research Day
March 17-18, 2021
12:00pm - 5:00pm (virtual)

Match Day
March 19, 2021

First Day of Spring 🌸
March 20, 2021

AMIA Informatics Summit 2021 (virtual conference)
March 22-25, 2021

DEM Journal Club (EMS)
March 25, 2021
11:00am - 1:00pm
Drs. Gussick, Mancera, Lohmeier, Shah, Wubben, Patterson, and Jewell

National Doctors' Day
March 30, 2021

Conference Deadlines:
SAEM 2021 (Early Registration Deadline) - March 15, 2021
AGS 2021 (Early Registration Deadline) - March 17, 2021
AMIA CIC 2021 (Early Registration Deadline) - April 8, 2021
ISMRM 2021 (Early Registration Deadline) - April 14, 2021

Award Submission Deadlines (National, International, and Institutional):
ACEP 2021 (Leadership/Council Awards) - March 1, 2021
GSA 2021 (Biological Sciences Minority Investigator Travel Awards) - March 12, 2021
AcademyHealth 2021 ARM Awards - March 19, 2021
AAEM Awards 2021 - March 21, 2021
GSA 2021 (Various Awards) - March 31, 2021
ACEP 2021 (Teaching/Student Awards) - April 15, 2021

-Check out our Academic Meetings and Awards Informational Spreadsheet-

-Studies Currently Enrolling in the ED-

For more information about any of our studies, including contact information, please visit our ED Research Coordinator (EDRC) Program Webpage

+All of Us
+BinaxNOW Rapid COVID Test Validation
+Clinical Evaluation of the Omron Wheeze Detector Prototype and Algorithm
+Cue Health Monitoring System COVID-19 Rapid Test
+Engineering Safe Care Journeys for Vulnerable Older Adults (Part 1)
+Evaluation of ANP Assay in Acute Heart Failure
+Integrating mHealth for Alcohol Use Disorders into Clinical Practice