Emergency Medicine Research News
January 2022

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

- Featured News -

Dr. Michael Spigner, along with UW Biomedical Engineering students, recently created and tested a ventilation volume measurement sensor. This project was supported by a DEM pilot research award.

Kudos goes out to...

Congrats to Becky Schwei, MPH on receiving a UW–Madison Academic Staff Professional Development Grant!

UW grants are awarded to academic staff who aspire to develop their professional skills and improve effectiveness in their roles through a development event, class, or training.
Kudos to Dr. Manish Shah, whose appearance on the Wisconsin Alzheimer’s Disease Research Center’s Dementia Matters podcast was among the top 5 most downloaded episodes of 2021!

🎧 Listen to the podcast: "Emergency Care Tips for People with Dementia"

Recent & Upcoming Research Presentations
(DEM authors listed)

AcademyHealth/NIH 14th Annual Conference on the Science of Dissemination and Implementation in Health, December 14-16, 2021
Jacobsohn GC, Maru AP, Engstrom CE, Shah MN, Patterson BW. "Collaborative design and implementation of an EHR-based clinical decision support system for fall-risk identification and referrals in emergency departments." (Poster)

Critical Care Congress, February 6-9, 2022
M Stampfl, M Lohmeier, J Glazer. "On-Scene Resuscitation Time is Highly Correlated with Neuro-Intact Survival for ECPR." (Oral Presentation).
R Tsuchida. "Lung Protective Ventilation in the Emergency Department: Does an ED-based ICU Make a Difference?" (Poster)

Research Poster & Presentation Templates
Did You Know? DEM has PowerPoint slides and poster presentation templates available for all staff to use. [Download them here.]

- Recent Publications -

Manuscripts:


Salwei ME, Carayon P, Wiegmann D, Pulia MS, Patterson BW, Hoonakker PLT. Usability barriers and facilitators of a human factors engineering-based clinical decision support


Congratulations to [Dr. Michael Ejercito](https://example.com), who recently had the above photo and as well as a [song](https://example.com) published in *Corpus Callosum*, the online arts journal of Ebling Library in the UW School of Medicine and Public Health.

**- Upcoming Events -**

**VIP Grand Rounds**  
Shiva Bedar-Sielaff, MA, CDM  
January 20, 2022

**Critical Care Congress**  
February 6-9, 2022

**30th Annual Wisconsin Emergency Medicine Research Forum**  
April 21, 2022 | [Learn more and register](https://example.com)

**Did You Know?** You can check the [Academic Meetings & Awards Informational Spreadsheet](https://example.com) for a robust list of upcoming abstract and award deadlines!
- Studies Currently Enrolling in the ED -

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

- All of Us
- A Clinical Examination of N95 Reuse and Extended Use
- Clinical Evaluation of the Omron Wheeze Detector Prototype and Algorithm
- Data-driven strategies to help individuals with substance use disorders
- Engineering Safe Care Journeys for Vulnerable Older Adults
- Evaluating the Utility of Thermal Imaging in Diagnosing Cellulitis for Lower Extremity Complaints in the Emergency Department
- Evaluation of ANP Assay in Acute Heart Failure
- The Role of Aspiration in Community Acquired Pneumonia
- Romantic Couples, Medications, and Health at Time of ED Visit

- Explore DEM -

Visit us on the web and social media, Check out the DEM Google Scholar directory, or email us your ideas and suggestions.

NEW! Connect with DEM on LinkedIn.

See you next month!