Emergency Medicine Research News
November 2021

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

- Featured News -

Dr. Josh Glazer worked on a project and co-authored a manuscript that led to the receipt of a Nobel Prize. Dr. David Julius won the 2021 Nobel Prize in Physiology or Medicine. His honor was for discoveries of receptors for temperature and touch (more information found here). In 2007, Dr. Glazer was co-first author, and Dr. Julius was senior author, on the manuscript (found here) entitled The menthol receptor TRPM8 is the principal detector of environmental cold.

Dr. Allie Hurst was awarded a grant from the Cars Curing Kids Foundation for the project titled "Operationalizing Sex Trafficking Screening in an Academic Emergency Department: A Quality Initiative." This grant will work to institute a confidential, electronic screening tool for sex trafficking in our Emergency Department, and track and improve its usage via systematic quality improvement cycles. Congrats, Dr. Hurst!

Kudos goes out to...

Congrats to Dr. Manish Shah for being quoted in the Journal, Emergency Medicine News. The Special Report, titled "Addressing the Unmet Needs of People with Dementia" not only quoted Dr. Shah, but also discussed the large multi-center project he is a Co-PI on, GEAR 2.0. More information on the GEAR 2.0 research grant can be found here.

As part of his role as a member of the Wisconsin Department of Health Services (DHS) Emergency Department/Urgent Care (ED/UC) Stewardship Subcommittee, a state level educational Committee, Dr. Michael Pulia presented a session on ED/UC Stewardship IDWeek Highlights.
Dr. Jessica Schmidt was invited to present to a UW interest group, comprised of undergraduate and graduate students in the Biomedical Engineering Society and the Global Health Innovation Club. Her talk, which took place on October 19, was called "Bringing Point-of-Care Ultrasound to Low Resource Settings."

Kudos to Dr. Michael Pulia for being a member of the Michigan Hospital Medicine Safety Consortium Technical Expert Panel for the project: NQF Measure Development for Over-Diagnosis of Pneumonia and UTI in October 2021.

Recent & Upcoming Research Presentations
( DEM authors listed)

The American Public Health Association (APHA) 2021 Annual Meeting, October 24-27
R Green. "Healthcare Use by Older Adults with Anxiety Following Emergency Department Visits: Effects of a Community-Paramedic-Delivered Care Transitions Intervention" (Poster)

Diagnostic Error in Medicine 14th Annual International Conference, October 25-27
M Pulia. "Validation of Skin Surface Thermal Imaging to Differentiate Cellulitis from Pseudocellulitis in the Emergency Department" (Poster)

American College of Emergency Physicians (ACEP) 2021 Scientific Assembly, October 25-28
A Maru, G Jacobsohn, C Engstrom, M Shah, B Patterson. "Evaluation of an Automated Fall-Risk Screening and Referral Program" (Poster)

American Medical Informatics (AMIA) 2021 Annual Symposium, October 30-November 3, 2021

The Gerontological Society of America 2021 Annual Scientific Meeting, November 10-14
D Hekman. "How Frequently are Caregivers Included in Patient Education for Oncology Patients?" (Poster)

The American Speech and Hearing Association Annual Convention, November 18-20
M Pulia. "Risk Factors for Dysphagia in Patients Hospitalized with COVID-19" (Oral Presentation)
M Pulia. "COVID-19 Epidemiology Update" (Invited Lecture)

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).
Stay up-to-date in between newsletters by visiting our digital bulletin board.

Tip: save it as a bookmark so you can easily access it later!

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- **Recent Publications** -

**Manuscripts:**


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- **Upcoming Events** -

November 22, 2021 - 20th Annual Medical Student Research Forum (Virtual Event showcasing the work of our 2021 Shapiro Students)
Did You Know? You can check the Academic Meetings & Awards Informational Spreadsheet for a robust list of upcoming abstract and award deadlines!

[ Open the spreadsheet ]

- 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
- Assessing the Feasibility of Utilizing a Game-based Participatory Approach to Co-create Personalized Family Opioid Medication Safety Plans
- 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
- TREAT NOW Assessment of Early COVID Treatment on Outpatients

- Explore DEM -

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

See you next month!