Top Stories

26th Annual Wisconsin Emergency Medicine Research Forum

March 15, 2018 - A huge thanks to all faculty, staff, residents, and students who attended our 2018 Research Day. This year, the research forum was a partnership between the Wisconsin American College of Emergency Physicians (WACEP), the Department of Emergency Medicine at the Medical College of Wisconsin (MCW), and the BerbeeWalsh Department of Emergency Medicine at the University of Wisconsin-Madison. The combined forum, held in conjunction with the WACEP Spring Symposium, met at the Edgewater Hotel. We look forward to next year’s forum, hosted at MCW.

We are excited to announce that UW received several awards. Congratulations to each of our award recipients!

Best student Emergency Medicine Research Presentation: Bailee Stark, BS, Mental Illness and Opioid-Related Risk at 4 Weeks Post-Discharge Following Traumatic Injury: A Prospective Study

Best Resident Emergency Medicine Research Presentation: Daniel Ritter, MD, Communication and Professionalism: Comparing Standardized Video Interview (SVI) Scores to Faculty Gestalt

Emergency Medicine Research Career Development Award: Brian Sharp, MD, Performance of an Automated Severe Sepsis Screening Tool in the Emergency Department

2018 Distinguished Service Award: Azita G. Hamedani, MD, MPH, MBA

2018 Resident Advocacy Award: Matt O’Connor, MD

Kudos

2018 Wisconsin Emergency Medicine Research Forum

A special thank you to Jessie Libber for all of her help organizing the Forum. Your hard work and dedication to the department made this event a success!
Recent Publications

Manuscripts:


Weatherall A, Hollander MM. Using Discursive Psychology and Conversation Analysis to Study “Obedience” and “Defiance” in Milgram’s Experiments. SAGE Research Methods Cases. 2018. DOI: 10.4135/9781526449160


**Upcoming Deadlines and Events**

**VIP Grand Rounds (topics TBD)**
- April 19, 2018 – David Brown, MD
- April 26, 2018 – Sachita Shah, MD
- May 3, 2018 – Eric Wei, MD
- May 31, 2018 – Vik Bebarta, MD

**Journal Club**
Tuesday, May 23, 2018 – 6:00p.m.-9:00p.m.
Brian Patterson, MD, MPH

**Senior Resident Scholarship Day 2018**
Thursday, May 31, 2018

**National Conferences**
- AAEM – April 7-11, 2018
  San Diego, CA
- AGS – May 3-5, 2018
  Orlando, FL
- SAEM – May 15-18, 2018
  Indianapolis, IN

**Protocols Recently Approved by the EMRC**

Michael Mancera, MD, Nicholas Genthe, Michael Lohmeier, MD, Megan Gussick, MD, Che Stedman, Melinda Dessert, Chris Carbon, and Paul Hick, DO: “Descriptive Analysis of a Community Paramedicine Program to Reduce Emergency Department Visits among High-Utilizer Patients”

Brian Patterson, MD, MPH, Michael Ward, MD, and Brian Sharp, MD: “Evaluating Emergency Care Variability and Outcomes due to the CareSTART Physician in triage program”

**Studies Currently Enrolling in the ED**

### Paramedic-Coached ED Care Transitions to Help Older Adults Maintain their Health
The purpose of this study is to test the overall hypothesis that a community-based, paramedic-coordinated ED-to-home Care Transition Intervention will improve community-dwelling older adults’ post-ED health outcomes and reduce cost. This study will include older adults discharged home from the ED, as well as their caregiver. For questions, see Dr. Manish Shah.

### Clinical Evaluation of the Omron Wheeze Detector Prototype and Algorithm among Children
The purpose of this study is to evaluate a new device that may be able to identify children from age 3 months to 13 years who may be wheezing. Participating patients will have their lung sounds recorded and then analyzed by this device and two physicians. For questions, see Dr. Michael Kim.
Academic Effects of Concussion in the High School Athlete
The purpose of this study is to examine the scope of adverse academic effects post-concussion in high school students (14-18 years of age). Students are eligible if they have had an injury caused by a direct blow to the head, face or neck in which an impulsive force was transmitted to the head in the last 7 days. For questions, see Dr. Traci Snedden or Dr. Margaret Brooks.

Screening in Trauma for Opioid Misuse Prevention (STOMP)
The purpose of this research is to develop and implement streamlined guidelines for opioid prescribing in trauma care. The study team will be conducting surveys in order to identify risk factors that may be useful in determining whether a patient is at risk for developing an opioid use disorder because of their use of opioid medications for pain management after an injury. Patients are eligible for this study if they are between the ages of 18 and 75, are in the Emergency Department because of an injury, and are expected to receive opioid prescription upon discharge. For questions, see Dr. Randy Brown.

New Faces

Laura Younan
Undergraduate Research Student – Laura is originally from the Lincolnwood area- suburb near Chicago. She is a sophomore at UW-Madison and is majoring in Industrial and Systems Engineering, with a focus on healthcare systems. Laura is on our team of research assistants and will work closely with Dr. Pulia. In her free time, she enjoys running and traveling with her family. Her email is: lyounan@wisc.edu

Katie Taylor
Honorary Associate – Katie joined the Department of Emergency Medicine in February 2018 as an Honorary Associate and Student Research Assistant who is working with Dr. Patterson. She graduated from Vassar College; majoring in Science, Technology, and Society and minoring in Mathematics. With experience in quantitative and qualitative analysis, as well as EMR software development, Katie is excited to add value to Dr. Patterson's team working on "Examining ED Care Trajectories Surrounding Falls among Older Adults". Her email is: ktaylor32@wisc.edu

Jiaxi Wu
Honorary Associate - Jiaxi is a Master’s student in Mass Communication at the School of Journalism and Mass Communication. Her research interest is Health Communication, such as the communication between patients and caregivers. She is working with Dr. Shah and Estelle Mi, another graduate student, on the care transitions project to explore how the language features of coaches’ notes may associate with patients’ health outcomes. She is from Chengdu, China. She loves hot pot and pandas! Her email is: jwu278@wisc.edu
### Funded Research Studies

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<thead>
<tr>
<th>Title</th>
<th>Investigators</th>
<th>Source</th>
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<td>Medical Education and Discovery Course: Increasing Self-Efficacy among Underrepresented Students</td>
<td>M. Kim</td>
<td>Ira and Ineva Reilly Baldwin Wisconsin Idea Endowment</td>
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<td>Health IT process for VTE</td>
<td>B. Patterson (Co-I)</td>
<td>AHRQ R01</td>
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<tr>
<td>Preventing Future Falls among Older Adults</td>
<td>B. Patterson (PI)</td>
<td>AHRQ K08</td>
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<td>Improving Antibiotic Stewardship for Long Term Care Facility Residents in the ED</td>
<td>M. Pulia (PI)</td>
<td>Wisconsin Partnership Program</td>
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<tr>
<td>Improving Antibiotic Stewardship During the Treatment of Skin &amp; Soft Tissue Infections in the ED</td>
<td>M. Pulia (PI)</td>
<td>AHRQ K08</td>
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<tr>
<td>Identifying Barriers and Facilitators to the Implementation of Radiation-Free Imaging Protocols in the ED</td>
<td>M. Repplinger (PI)</td>
<td>NIH K08 and Emergency Medicine Foundation</td>
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<tr>
<td>Teamwork &amp; Care Transitions in Pediatric Trauma: Implications for HIT Design</td>
<td>J. Ross (Co-I)</td>
<td>AHRQ R01</td>
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<td>Disseminating Child Abuse Clinical Decision Support to Improve Detection, Evaluation and Reporting</td>
<td>J. Ross (Co-I)</td>
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<tr>
<td>Paramedic-Coached ED Care Transitions</td>
<td>M. Shah (PI)</td>
<td>NIH/NIA R01</td>
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<td>Mentoring and Research in Geriatric Emergency Care</td>
<td>M. Shah (PI)</td>
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<td>Interdisciplinary Trauma Simulation Program</td>
<td>R. Thompson (Co-I)</td>
<td>UW Foundation</td>
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Please send newsletter ideas and suggestions to Sharon West: slwest@medicine.wisc.edu