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

April 2017

Top Stories

UW DEM Faculty in 2016 NIH Rankings
The 2016 rankings of NIH funding among individual Emergency Medicine researchers have been released, and Manish Shah, MD, MPH is #19 and Michael Repplinger, MD, PhD is #65. To view the Ranking Tables of NIH Funding: http://www.brimr.org/NIH_Awards/2016/NIH_Awards_2016.htm

Newly Awarded Grants
Manish Shah and Brian Patterson have been awarded a $50,000 ICTR Novel Methods Pilot Award to expand the ED Research Enroller (EDRE) Program. This Program places a staff member in the ED to identify and enroll patients into research studies. Over the last year, they have been enrolling for Dr. Shah’s geriatric study, and now they are also helping Dr. Damewood identify patients for her sepsis study. Soon, they will be also enrolling for three additional studies. With time, this program will become increasingly an institutional asset given the high volume of touch points we have with UW Health patients.

Upcoming Abstract Presentations
SAEM annual meeting, May 16-19, 2017 (DEM authors listed):

A. Culhane, B. Patterson, M. Kim: “Trends in Pediatric Patients Presenting to the Emergency Department with Mental Health Complaints.”

M. Finta and M. Shah: “Older Adults’ Perspectives on Accessing Acute Illness Care.”

J. Johnson, B. Patterson, A. Lee, M. Safa, S. Santistevan, B. Sharp: “Apples to apples? A comparison of patient experience survey scores of ED physicians working at two different sites.”

J. Johnson, C. Scott, B. Sharp, B. Patterson: “Opioid Administration in the ED is Not Associated With Significant Change in Blood Pressure.”

**M. Repplinger:** “Downstream imaging utilization following MRA vs CTA for the diagnosis of Pulmonary Embolism”

**C. Scott, M. Shah, E. Otles, R. Batt, A. Hamedani, B. Patterson:** “Opioid Prescriptions at ED Discharge for Back Pain are Associated with Lower Revisit Rates at Three, Nine, and Thirty Days.”

**J. Tupesis:** “Piloting a Diagnostic Utility Study on the Focused Assessment With Sonography of HIV-patients (FASH) Exam in Addis Ababa, Ethiopia.”

MCW Research Forum, April 6, 2017 (DEM authors listed):

**R. Bracken, M. Repplinger:** “MR versus CT Imaging for Identifying the Origin of Abdominal Pain in Emergency Department Patients.”

**R. Bracken, J. Harringa, M. Repplinger:** “Subsequent Image Test Use after Cross-Sectional Imaging (MRA/CTA) for PE.”

**A. Culhane, B. Patterson, M. Kim:** “Trends in Pediatric Patients Presenting to the Emergency Department with Mental Health Complaints.”

**M. Finta, M. Shah:** “Patient Perspectives on Accessing Acute Illness Care.”

**N. Kuehnel:** “Improving Communication Consistency and Family Satisfaction in a Pediatric Emergency Department Measured Using an In-Person Survey.”

**M. Pulia, R. Schwei, M. Kern:** “Inappropriate Antibiotic Prescribing for Long Term Care Facility Residents in Outpatient Settings.”

**C. Scott, M. Shah, E. Otles, R. Batt, A. Hamedani, B. Patterson:** “Opioid Prescriptions at ED Discharge for Back Pain are Associated with Lower Revisit Rates at Three, Nine, and Thirty Days.”

**J. Son, C. Ford, M. Kim:** “The Impact of a Clinical Pathway on the Emergency Department Length of Stay in Children with Appendicitis.”

**Other Upcoming Abstract Presentations:**

**Michael Repplinger, MD, PhD,** has had an abstract accepted for the 2017 ISMRM 25th Annual Meeting taking place on April 26, 2017, in Honolulu, HI. His abstract is titled “MR versus CT Imaging for Identifying the Etiology of Abdominal Pain in Emergency Department Patients.”
Shapiro Student, Mary Finta, has had an abstract accepted for poster presentation during the Presidential Poster Session at the Annual Scientific Meeting of the American Geriatrics Society. Abstracts receiving the highest scores through the peer review process are included in the Presidential Poster Session. The presentation is taking place May 18, 2017. Her abstract is titled “Older Adults’ Perspectives on Accessing Acute Illness Care.”

New Research Committee Approved Study Protocols

Manish Shah, MD, MPH “Qualitative Analysis of Community Paramedicine Care Transitions Coach Training” protocol was approved. This will assess community paramedics’ training in his NIH funded care transitions trial. A Shapiro student, Hunter Lau, will conduct the qualitative study.

Michael Repplinger, MD, PhD “Quantifying the time to acquire and interpret MR images for emergency department patients: Where are the roadblocks?” protocol was also approved. This study will determine factors that delay MRIs in the ED. This protocol will be conducted by, Matt Hughes, a Shapiro student.

Recent Publications

Manuscripts:


Upcoming Deadlines and Events

Local Conferences
April 6, 2017 - Medical College of Wisconsin Research Forum

National Conferences
May 16-19, 2017 – SAEM, Orlando, FL

Journal Club
Tuesday, May 30, 2017 - Details TBD
VIP Grand Rounds (topics TBD)
May 4, 2017 – William (Bill) Barsan
May 25, 2017 – Richard Zane
June 1, 2017- Megan Ranney

New Faces

**Cagla Muslu** has been a part of the UW Department of Emergency Medicine Education team. However, as of March 6, 2017 she joined the Research Program as an enroller with the Emergency Department Research Enroller Program. Cagla’s email is still csmuslu@medicine.wisc.edu.

**Jerry (Zeyu) Wei** joined the Research team as a new Undergraduate Student Research Assistant. He will be assisting with data entry and data quality assurance. His email address is zwei45@wisc.edu.

Funded Research Studies

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<tr>
<th>Title</th>
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<td>Preventing Future Falls among Older Adults</td>
<td>B. Patterson (PI)</td>
<td>AHRQ K08</td>
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<td>Health IT process for VTE</td>
<td>B. Patterson (Co-I)</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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<td>Improving Antibiotic Stewardship for Long Term Care Facility Residents in the ED</td>
<td>M. Pulia (PI)</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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<td>Imaging for Appendicitis</td>
<td>M. Repplinger (PI)</td>
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<td>Teamwork &amp; Care Transitions in Pediatric Trauma: Implications for HIT Design</td>
<td>J. Ross (Co-I)</td>
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<td>Paramedic-Coached ED Care Transitions</td>
<td>M. Shah (PI)</td>
<td>NIH/NIA R01 and Greater Rochester Health Foundation</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 Jessie Libber: jslibber@medicine.wisc.edu