



## Center for Clinical Management Research Quarterly Accomplishments Newsletter

### Accomplishments and Impacts

April-June 2016

#### Table of Contents

- [Awards and Honors](#)
- [In the News](#)
- [Grants Funded](#)
- [Featured Publications](#)



### Awards and Honors



## Congratulations to Rod Hayward

Recipient of the inaugural Roger J. Grekin Research Award for his work as an outstanding clinical researcher.





## Congratulations to Sameer Saini, Amy Bohnert, Donovan Maust and Ann-Marie Rosland

Selected to serve on the inaugural IHPI Junior Faculty Advisory Council (JFAC) to advocate for junior faculty and provide feedback on issues and opportunities brought to the JFAC. Sameer and Amy will serve as Chair and Chair-elect respectively.



## In the News



**Extreme ICU: Study finds 5%  
of patients account for 33%  
of intensive care & should  
receive special focus**

Jack Iwashyna

UMHS Press Release and 81 other outlets

May 4, 2016





## Medicaid expansion significantly boosts insurance coverage among low-income adults

Jeffery Kullgren

UMHS Press Release and 10 other outlets

April 20, 2016



## Experts examine access and cost issues of GI drugs

Akbar Waljee

DDW Blog

June 8, 2016



### • UMHS Press Releases

- Amy Bohnert, Steven Chermack, Fred Blow. April, 2016. [Taking the fight against risky pain pill use to the ER: Study shows promise](#). Later cited in [AJMC](#), [The Medical News](#), [Medical News Today](#), [Health Medicinet](#), [MD Magazine](#), [Health Canal](#), [Breitbart News Network](#), [UPI.com](#), [Science Daily](#), [Newswise](#), [EurekAlert!](#).
- Lena Chen. May, 2016. [New Medicare incentive rewards some hospitals whose quality doesn't measure up](#). Later cited in [Newsmax](#), [New York Post](#), [Becker's Hospital Review](#), [Health Canal](#).
- Michele Heisler. April, 2016. [Syrian Hospitals Under Attack: When a Red Cross Becomes a Target](#). Later cited in [Huffington Post](#), [TIME Magazine](#), [The Boston Globe](#), [KPBS](#), [NPR](#), [Health Medicinet](#), [Science Daily](#), [Newswise](#), [EurekAlert!](#).
- Sarah Krein, Sanjay Saint. June, 2016. [When it comes to making patients safer, is a hospital's 'safety culture' that important?](#). Later cited in [Infection Control Today](#), [Science Daily](#), [Newswise](#), [EurekAlert!](#).

- Jeff Kullgren. May, 2016. [Taking control of healthcare costs while optimizing care - a view from the consumer side of the equation.](#)
- John Piette, Michele Heisler. May, 2016. [Diabetics face financial stress, often sacrifice health care and food.](#) Later cited in [Health Medicinet](#), [Technology.org](#), [Noodls](#).
- Sanjay Saint. May, 2016. [Hand washing stops infections, so why do health care workers skip it?](#).
- Sanjay Saint. May, 2016. [Improving Healthcare: Straight from the Heart - Sanjay Saint's TEDx talk at U-M.](#)
- Sandeep Vijan. April, 2016. [The truth about WebMD, a hypochondriac's nightmare and Big Pharma's dream](#)

#### ● MHealth Lab Mentions

- Brahmajee Nallamothu. June, 2016. [Even with insurance, hospital patients may pay over \\$1,000 for stay.](#) Later cited in [New York Times](#), [Forbes](#), [LA Times](#), [Chicago Tribune](#), [New York Post](#), [Washington Post](#), [newsmax.com](#), [Modern Healthcare](#), [Insurance News Net](#), [Vox.com](#), [IOL](#), [Science 2.0](#), [Seacoast Online](#), [Doctors Lounge](#), [The CantonRep](#), [South Coast Today](#), [telegram.com](#), [The State Journal-Register](#), [Insurance News Net](#), [Noodls](#), [Arstechnica](#), [Parent Herald](#), [Technology.org](#), [Doctors Lounge](#), [Physician's Briefing](#), [Science 2.0](#), [NBC News](#), [Tampa Bay Times](#), [Big News Network](#), [Becker's Hospital Review](#), [Life Health Pro](#), [Fortune](#), [Watertown Daily Times](#), [The Medical News](#), [Reuters](#), [Science Daily](#), [Bloomberg](#), [Newswise](#), [Noodls](#), [Physician's Weekly](#), [EurekAlert!](#), [EurekAlert!](#).
- Hallie Prescott. May, NBC News, 2016. [Does Sepsis Keep Killing Months Later?](#). Later cited in [DocCheck News](#), [Business Insider UK](#), [MedPage Today](#), [Medindia](#), [Today Topics](#), [Science 2.0](#), [Medical News Today](#), [The Medical News](#), [Health Medicinet](#), [Infection Control Today](#), [Newswise](#), [Science Daily](#), [EurekAlert!](#).
- Sanjay Saint, Sarah Krein. June, 2016. [What It Takes to Protect Hospital Patients from UTIs.](#) Later cited in [USNews.com](#), [Medscape](#), [BioTech Gate](#), [Individual](#), [Bioportfolio](#), [Ticker Tech](#), [Insurance News Net](#), [PR Newswire](#), [Yahoo! Finance USA](#), [Yahoo! Finance Singapore](#), [Minyanville: Finance](#), [Medicinet](#), [Tech Times](#), [2 Minute Medicine](#), [The Medical News](#), [Doctors Lounge](#), [Physician's Briefing](#), [Foreign Affairs New Zealand](#), [Healthcare Finance News](#), [Physician's Weekly](#), [UPI.com](#), [Science Daily](#), [EHE&ME](#), [Doctors Lounge](#), [Health Medicinet](#), [Newswise](#), [Philly.com](#), [MedlinePlus](#), [Health: News](#), [Drugs.com](#), [Health Finder](#), [EurekAlert!](#), [US News Health](#), [Lincoln Journal Star](#).
- Philip Schoenfeld. May, 2016. [Is Colonoscopy Really King of Colorectal Cancer Detection?](#)

#### ● Other Press Mentions

- Fred Blow was quoted in [USNews.com](#). June, 2016.
- John Piette, Eve Kerr, and Ann-Marie Rosland were quoted in [Medicine at Michigan](#). May, 2016.



Grants Funded



## Reducing non-medical opioid use: An automatically adaptive mHealth intervention

The first phase of this study will aim to develop a reinforcement learning behavioral intervention delivered via interactive voice response with the goal of reducing non-medical opioid use among individuals identified at the UM Emergency Department (ED) as leaving the ED with a prescription opioid for pain and with recent non-medical opioid use. The second phase of this study will be to conduct a clinical trial of the intervention compared to an enhanced usual care condition with 600 ED patients. This study will also involve focus groups of patients and ED clinicians in order to understand issues related to implementation. This project is being funded by the NIH/NIDA.



*Team Members:* Amy Bohnert, Emily Yeagley, Jenny Chen, Satinder Singh Baveja (UM), Fred Blow, Rebecca Cunningham (UM), Karen Farris (UM), Mark Ilgen, John Piette, Mary Janevic (UM), Sean Newman, Linda Mobley, Mary Jannausch



## Epicenters for the prevention of healthcare associated infections: Strategies to Prevent Infection and Reduce Inter-individual Transmission (SPIRIT)

Transmission of emerging pathogens and severe acute respiratory syndrome has exposed problems in how health care workers don and doff Personal Protective Equipment (PPE). Using qualitative and quantitative research methods, this study will characterize the cognitive, contextual, and behavioral factors that affect PPE use and apply new methods to enhance effective use of PPE. The overall objective is to improve control of pathogenic microorganisms transmission through advancement of science and practice by improving knowledge about mechanisms of transmission and implementing novel strategies to prevent dissemination of pathogens. This project is being funded by the CDC.



*Team Members:* Sarah Krein, Molly Harrod, Lynn Gregory, Lauren Weston, Laura Petersen





## Engaging partners in infection prevention and control in acute care hospitals (HRET CDC)

The project's primary goal is to accelerate current strategies for achieving reductions in the overall burden of Healthcare-Associated Infections and strengthening infection control practices by expanding use of the Targeting Assessment for Prevention strategy; building relationships between state hospital associations, state health departments, and Centers for Medicare and Medicaid Services Quality Innovation Network-Quality Improvement Organizations; and providing technical assistance to improve implementation of infection control practices. A secondary goal is to make decreased infection rates sustainable by fostering a culture of safety. This project is being funded by the CDC.

*Team Members:* Jennifer Meddings, Sanjay Saint, Vineet Chopra, M. Todd Greene, Jane Forman, Karen Fowler, David Ratz, Jessica Ameling, Mary Rogers (UM), Lona Mody (UM), Colin Cooke (UM), Milisa Manojlovich (UM), Laura Petersen (UM), Laraine Washer (UM), Derek Dimcheff (UM), Ashwin Gupta (UM), Payal Patel (UM), Valerie Vaughn (UM), Shawna Smith (UM), Suzanne Winter (UM)



## Comprehensive Unit-based Safety Program (CUSP) to reduce Central Line-Associated Blood Stream Infections (CLABSI) and Catheter-Associated Urinary Tract Infections (CAUTI) in Intensive Care Units (ICU) with persistently elevated infection rates (AHRQ ICU)

The project's primary goal is to develop and implement a modified program to support implementation, adoption, and use of CUSP to reduce CLABSI and CAUTI in ICUs with persistently elevated infection rates. Secondarily, this project seeks to make decreased CLABSI and CAUTI rates sustainable through fostering a culture of safety in participating units. Participating units will attend educational webinars, take self-paced on-demand web-based courses, attend monthly coaching calls with clinical mentors, and submit data on patient safety culture, urinary catheter and central line catheter prevalence and CAUTI and CLABSI rates. This project is being funded by the Agency for Healthcare Research and Quality.

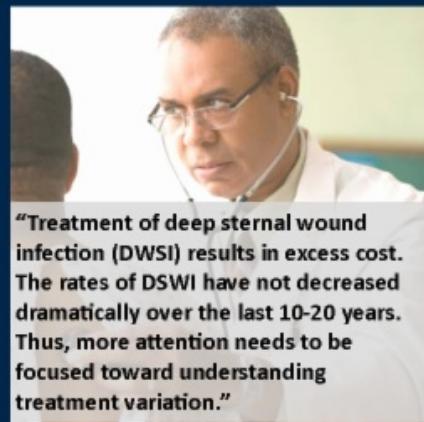
*Team Members:* Jennifer Meddings, Sanjay Saint, Vineet Chopra, M. Todd Greene, Karen Fowler, David Ratz, Jessica Ameling, Mary Rogers (UM), Colin Cooke (UM), Milisa Manojlovich (UM), Laraine Washer (UM), Derek Dimcheff (UM), Ashwin Gupta (UM), Payal Patel (UM), Valerie Vaughn (UM), Shawna Smith (UM)



## Featured Publications



## The impact of deep sternal wound infection on mortality and resource utilization: a population-based study



**"Treatment of deep sternal wound infection (DSWI) results in excess cost. The rates of DSWI have not decreased dramatically over the last 10-20 years. Thus, more attention needs to be focused toward understanding treatment variation."**



Sears ED, Wu L, Waljee JF, Momoh AO, Zhong L, Chung KC. (2016). The Impact of Deep Sternal Wound Infection on Mortality and Resource Utilization: A Population-based Study. *World J Surg.* doi:10.1007/s00268-016-3598-7



## Late mortality after sepsis: propensity matched cohort study



**"More than one in five patients who survives sepsis has a late death not explained by health status before sepsis."**



Prescott HC, Osterholzer JJ, Langa KM, Angus DC, Iwashyna TJ. (2016). Late mortality after sepsis: propensity matched cohort study. *BMJ* 353:i2375. doi:10.1136/bmj.i2375





# A program to prevent catheter-associated urinary tract infection in acute care



"A national prevention program appears to reduce catheter use and catheter-associated UTI rates in non-ICUs"



Saint S, Greene MT, Krein SL, Rogers MA, Ratz D, Fowler KE, Edson BS, Watson SR, Meyer-Lucas B, Masuga M, Faulkner K, Gould CV, Battles J, Fakih MG. (2016). A Program to Prevent Catheter-Associated Urinary Tract Infection in Acute Care. *N Engl J Med.* doi:10.1056/NEJMoa1504906



## CCMR Publications

A complete list of publications of January to June 2016 is [available](#).

Please contact [Christine Exe](#) with feedback on this newsletter.

Credit for Icons: [Noun Project](#)

