



Center for Clinical Management Research Quarterly Accomplishments Newsletter

Accomplishments and Impacts

July-September 2016

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Awards and Honors



Congratulations to Vineet Chopra

Recipient of the Jerome Conn Award for junior faculty research, the Richard D. Judge Award for medical student teaching, and the H. Mavin Pollard Award for resident teaching from the Department of Internal Medicine. Additionally he has received the Kaiser Permanente Teaching Award from the Medical School.





Congratulations to Amy Bohnert, Paul Pfeiffer, and Lillian Min

Promoted in May 2016 by the Board of Regents to associate professor of psychiatry (Bohnert, Pfeiffer) and internal medicine (Min) with tenure at the U of M Medical School.



- Anne Sales is [now a member](#) of the AcademyHealth Methods Council.
- Amy Bohnert was one of three speakers at the "It Works! Preventing Injuries & Violence" Congressional Briefing in Washington DC where she discussed overdose prevention, particularly opioid overdose.
- Sameer Saini was appointed the Director of the National Institutes of Health (NIH) T32 GI Epidemiology Training Program at U of M.



In the News

SSA SOCIETY FOR THE
STUDY OF
ADDICTION

Treating pain without feeding addiction: Study shows promise of non- drug pain management

Authors: Mark Ilgen, Amy Bohnert, Stephen Chermack, Carly Conran, Mary Jannausch, Jodie Trafton, Fred Blow

UMHS Press Release and 11 other outlets

July 27, 2016





Neuroimaging overuse more common among Medicare patients compared to VA patients

Authors: James Burke, Eve Kerr, Ryan McCammon,
Rob Holleman, Ken Langa, Brian Callaghan

HSR&D Publication Brief

July 2016



A nuclear threat to heart patients? U-M experts show impact from shortage of radioactive stress test tracer

Authors: Venkatesh Murthy, Jessica Lehrich,
Brahmalee Nallamothe

UMHS Press Release and 10 other outlets
September 16, 2016





Barriers to implementing Choosing Wisely recommendations

Authors: Brian Zikmund-Fisher, Jeff Kullgren, Angie Fagerlin,
Mandi Klamerus, Steven Bernstein, Eve Kerr

HSR&D Publication Brief and 2 other outlets
September 2016



• Additional News Items

- **Amy Bohnert**, Erin Bonar, Rebecca Cunningham, Mark Greenwald, **Laura Thomas**, **Stephen Chermack**, **Fred Blow**, Maureen Walton. July 2016. [What will it take to overcome the opioid epidemic?](#). Later cited in [AJMC](#), [The Medical News](#), [Medical News Today](#), [Health Medicinet](#), [MD Magazine](#), [Health Canal](#), [Breitbart News Network](#), [UPI.com](#), [Science Daily](#), [Newswise](#), and [EurekAlert!](#).
- Claire Ankuda, **Deborah Levine**. July 2016. [Study shows a rising, but uneven, tide of in-home care for disabled seniors](#). Later cited in [Insurance News Net](#), [Medicinenet](#), [Becker's Hospital Review](#), [Technology.org](#), [Medindia](#), [Everyday Health](#), [UPI.com](#), [Health Finder](#), [Health Medicinet](#), [Health Day](#), [EHE&ME](#), [Philly.com](#), [Newswise](#), [The State Journal](#), [Science Daily](#), [Health: News](#), [Science Newslines](#), [Drugs.com](#), [EurekAlert!](#), [US News Health](#), and [69 others](#).
- **Sanjay Saint**. July 2016. [What will it take to reduce infections in the hospital?](#).
- **Ken Langa**. July 2016. [Personality change may be early sign of dementia, experts say](#) in The New York Times.
- Lauren Wallner, Kathryn Martinez, Yun Li, Reshma Jaggi, Nancy Janz, Steven Katz, **Sarah Hawley**. July 2016. [When breast cancer patients use social media, they may be more satisfied with treatment decisions](#). Later cited in [Bustle](#), [hellogiggles.com](#), [Health Imaging](#), [Newswise](#), [US News Health](#), [Healthcare Informatics](#), [Refinery29](#), [Business Standard](#), [Daijiworld.com](#), [Medicinenet](#), [AJMC](#), [The Medical News](#), [EHE&ME](#), [Psych Central](#), [New Kerala](#), [The Economic Times](#), [Big News Network](#), [Yahoo! News Singapore](#), [Yahoo! News India](#), [CanIndia](#), and [18 others](#).
- **Helen Kales**, Laura Gitlin, Constantine Lyketsos. August 2016. [Why antipsychotics and dementia may not mix](#). Later cited in [McKnight's](#), [Medical Daily](#), [The Epoch Times](#), [The Medical News](#), [Science Newslines](#), [Health Canal](#), [Drug Discovery and Development](#), [Science 2.0](#), [Machineslikeus](#), [MedicalXpress](#), [Science Daily](#), [Newswise](#), [EurekAlert!](#), and [Bioportfolio](#).
- **Ken Langa**. August 2016. [Your parents hold clues to your life expectancy, heart health](#) in CNN Health.
- **Donavan Maust**, Erin Bonar, **Mark Ilgen**, **Fred Blow**, **Helen Kales**. August 2016.

[Despite lack of evidence, 10 states allow medical marijuana for Alzheimer's](#). Later cited in [Alzfourm](#).

- **Vineet Chopra, Sanjay Saint**. August 2016. [Harried doctors can make diagnostic errors: They need time to think](#).
- **Elena Byhoff, John Harris, Ken Langa, Jack Iwashyna**. September 2016. [Why does dying cost more for people of color? New study takes a deeper look](#). Later cited in [Insurance News Net](#), [Science 2.0](#), [Health Medicinet](#), [The Medical News](#), [Science Daily](#), [Newswise](#), and [EurekAlert!](#).
- **Brahmajee Nallamothe**. September 2016. [U-M, Yottabyte partner to accelerate data-intensive research](#).
- **Jeremy Sussman**. September 2016. [Statin trialists try to bury debate with evidence](#).
- **Anoop Prabhu, Kenneth Obi, David Lieberman, Joel Rubenstein**. September 2016. [African-American men more likely to develop rarer type of esophageal cancer](#).



Grants Funded



Machine learning analysis of longitudinal laboratory and imaging data to personalize the prediction of severe complications in Veterans with Crohn's Disease

This project aims to develop a model predicting individual risk of developing disease complications using longitudinal clinical, laboratory, and imaging data, and evaluate multiple machine learning methods to optimize modeling of longitudinal Veteran data. This project is funded by the Department of Defense.

Team Members: Akbar Waljee, Ryan Stidham (UM), Grace Su (UM), Stu Wang (UM), Binu Enchakalody (UM), Ji Zhu (UM)





Defining hepatocellular carcinoma (HCC) subtypes and treatment responses in patient derived tumorgrafts

This project aims to use machine-learning methods to compare biological and genetic features of early vs. late stage HCC and develop predictive models for treatment response to HCC-directed therapies. This project is funded by the Department of Defense.

Team Members: Akbar Waljee, Ji Zhu (UM), University of Texas South Western Team



Decision making for cardiovascular therapy in adults with mild cognitive impairment

This project aims to determine ways to improve the quality and outcomes of cardiovascular disease (CVD) care and to reduce CVD-related disability in older Americans with mild cognitive impairment (MCI). The project team plans to test the hypothesis that older adults with MCI are undertreated for CVD, the risk of dementia is overestimated, and the risk of CVD is underestimated by comparing the treatment outcomes of those with and without cognitive impairments. They will also test their hypothesis by determining the influence of MCI on patient preferences and physician recommendations for treatments. This project is funded by the NIH/National Institute on Aging.

Team Members: Deborah Levine, Andrzej Galecki (UM), Bruno Giordani (UM), Bailey Green(UM), Mohammed Kabeto (UM), Ken Langa, Lynda Lisabeth (UM), Lewis Morgenstern (UM), Brahmajee Nallamothu, Brenda Plassman (Duke), Kathleen Welsh-Bohmer (Duke), Darin Zahuranec (UM), Angie Fagerlin (Univ of Utah), Jane Forman, Coleen Dowd Kollman (Kollman Reseach Services)





Unintended consequences: The impact of VA antipsychotic reduction efforts in dementia

This VA funded study plans to examine the system and facility-level consequences of both VA and non-VA dementia initiatives that intend to reduce antipsychotic prescribing. The project team will do so by determining system-level VA national trends in psychotropic use among patients with dementia between 2005 and 2014, examining community living centers (CLC)-level variables possibly associated with antipsychotic prescribing for dementia in FY2014, and by validating additional quality indicators for VA patients in both CLC and community settings.

Team Members: Helen Kales, Eve Kerr, Donovan Maust, Kara Zivin, Oma Intrator (Canandaigua), Ilse Wiechers (Connecticut), Claire Chiang, Barb Stanislawski



WeCareAdvisor: A web-based tool to improve quality of life for military Veterans with dementia and their caregivers

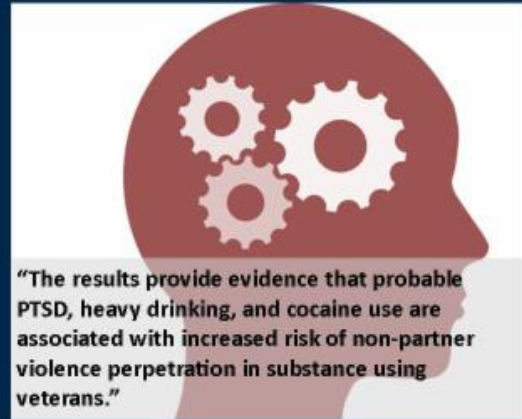
The goal of this study is to determine the effectiveness of the WeCareAdvisor tool for the assessment and management of behavioral and psychological symptoms of dementia (BPSD) in military Veterans and their family caregivers. The project team plans to make iterative changes to the WeCareAdvisor tool and extend its use based on the particular needs identified by a diverse set of family caregivers. Also, they will evaluate the effects the tool has on caregiver quality of life by comparing a treatment group who receives the tool with a waitlist control group. This project is funded by the Department of Defense.

Team Members: Helen Kales, Donovan Maust, Myra Kim, Laura Gitlin (Johns Hopkins), Kostas Lyketsos (Johns Hopkins), Vani Rao (Johns Hopkins), Barb Stanislawski, Claire Chiang, Molly Tumwald



Featured Publications

Associations between PTSD and intimate partner and non-partner aggression among substance using Veterans in specialty mental health



Buchholz KR, Bohnert KM, Sripatha RK, Rauch SA, Epstein-Ngo QM, Chermack ST. (2016). Associations between PTSD and intimate partner and non-partner aggression among substance using Veterans in specialty mental health. *Addict Behav.* doi: 10.1016/j.addbeh.2016.08.039

Predictors of antidepressant nonadherence among older Veterans with depression

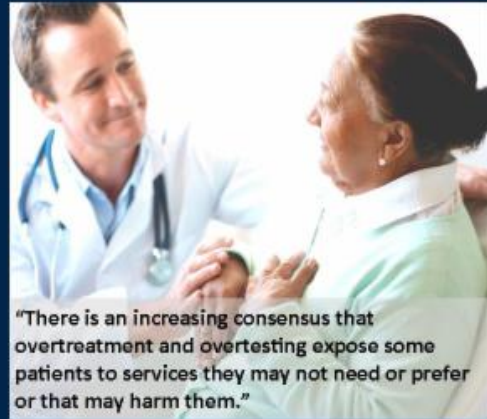


"The two main predictors of nonadherence among adults with depression were African-American race and general comorbidity. Results suggest that significant needs remain for important patient subgroups to improve antidepressant adherence."



Kales HC, Kavanagh J, Chiang C, Kim HM, Bishop T, Valenstein M, Blow FC. (2016). Predictors of antidepressant nonadherence among older Veterans with depression. *Psychiatr Serv.* doi: 10.1176/appi.ps.201500120

Deintensification of routine medical services: The next frontier for improving care quality

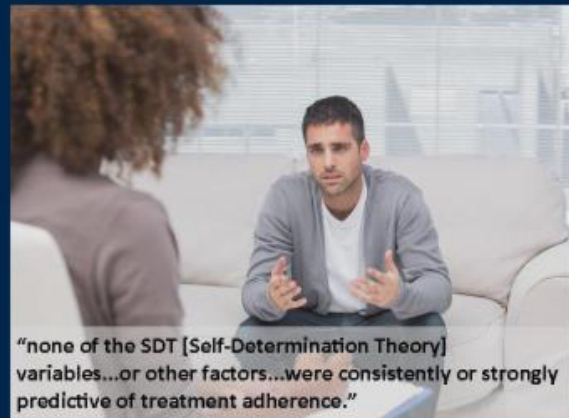


"There is an increasing consensus that overtreatment and overtesting expose some patients to services they may not need or prefer or that may harm them."



Kerr EA, Hofer TP. (2016). Deintensification of routine medical services: The next frontier for improving care quality. JAMA Intern Med. doi: 10.1001/jamainternmed.2016.2292

Self-determination theory and outpatient follow-up after psychiatric hospitalization



"none of the SDT [Self-Determination Theory] variables...or other factors...were consistently or strongly predictive of treatment adherence."



Sripada RK, Bowersox NW, Ganoczy D, Valenstein M, Pfeiffer PN. (2016). Self-determination theory and outpatient follow-up after psychiatric hospitalization. Community Ment Health J. doi: 10.1007/s10597-015-9929-6

CCMR Publications

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

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

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