Annual Report, FY 2014
Highlights of the MPCI Research

- Members of the faculty of the Institute have combined to author 1,048 publications since 1998. 123 original articles, commentaries, editorials, and book chapters have been published or have been accepted for publication during the 2013 – 2014 period.

- Dr. Kathy Mazor was awarded a $2.5 million grant from the Agency for Healthcare Research and Quality for a study entitled “Detecting, Addressing, and Learning from Patient-Perceived Breakdowns in Care.” The study is being conducted in association with MedStar Health, the largest healthcare provider in Maryland and the Washington, DC region.

- Investigators at the Meyers Primary Care Institute have an ongoing project entitled “Improving Indwelling Catheter Use to Reduce CAUTI in the Nursing Home Setting” being conducted in association with Qualidigm, the Quality Improvement Organization of Connecticut, through a $1.5 million grant from the Agency for Healthcare Research and Quality.

- MPCI investigators published findings of a project entitled “Using HIT to Improve Transitions of Older Adults through Health Information Technology” in the Journal of the American Geriatrics Society. Dr. Field presented a paper emanating from that study at the 2014 Annual Meeting of the American Geriatrics Society entitled “Does having an office visit within 7 days after hospitalization reduce 30-day readmissions for older adults?”

- Dr. Jane Saczynski co-authored a paper published in The Lancet entitled “Delirium in Elderly People.”

- Dr. Mara Epstein participated in an elite national group of CRN Scholars through the HMORN Cancer Research Network. Dr. Epstein also received pilot grant funding through the CRN in collaboration with Dr. Owens on pathologic examination approaches to prostate cancer diagnosis.

- Dr. Ning Zhang was the recipient of an Early Career Investigator Award from the HMO Research Network for her research on weight status of nursing home residents.

- Dr. Catherine DuBeau was the first author of a ground-breaking study of drug therapy for urinary incontinence in very frail older adults published in the Journal of Urology.

- Dr. Becky Briesacher led the development of a white paper on methods to evaluate the impact of FDA regulatory actions which was published in the journal Pharmacoepidemiology and Drug Safety.
• A Meyers Primary Care Institute team of investigators completed a 3-year project to assess the off-label use of antipsychotics in nursing homes and to develop and implement an intervention to improve prescribing decisions in that challenging clinical setting funded by the Agency for Healthcare Research and Quality. The findings of this study have been submitted for publication.

• Dr. Susan Andrade leads Meyers Primary Care Institute efforts relevant to the FDA’s Mini-Sentinel Initiative, which is exploring a variety of approaches for improving the Agency’s ability to rapidly identify and assess medication and device safety issues.

• Dr. Kathy Mazor serves as a member of the Cancer Research Network Executive Committee and is leading the Communications & Dissemination Scientific Workgroup of the Cancer Research Network. Dr. Terry Field is Co-Director of the Cancer Research Network Scholars Program.

• Dr. Alok Kapoor received a pilot project grant through the Community Engagement Core of the UMass Center for Clinical and Translational Science focused on assessing medication self-management in older adults in collaboration with VNA Care Network.

• Dr. Kathy Mazor collaborated on a Sounding Board piece published in the New England Journal of Medicine entitled “Talking with Patients about Other Clinicians’ Errors.”

• Dr. Sarah Cutrona continues as a recipient of a 5-year K12 Career Development Award funded through the University of Massachusetts Center for Clinical and Translational Science under an NIH Clinical and Translational Science Award. She was recently awarded a $635,000 grant from Pfizer for a research project on improving vaccine delivery.

• The Meyers Primary Care Institute and Reliant Medical Group are one of 10 national clinical trial sites participating in a $30 million pragmatic clinical trial of an intervention to reduce serious fall-related injuries in older adults. Dr. Gurwitz serves on the Executive and Steering Committees for the Study and co-leads the Clinical Trial Sites Workgroup.

• MPCI continues a productive collaborative relationship with the Massachusetts College of Pharmacy and Health Sciences whereby two MCPHS faculty serve as investigators at MPCI – Jennifer Donovan, PharmD and Abir Kanaan, PharmD. Their paper on adverse drug events in older adults after hospital discharge, published in the Journal of the American Geriatrics Society, was cited as one of the year’s most important clinical studies in geriatric medicine at the 2014 Annual Scientific Meeting of the American Geriatrics Society.
The Health Policy and the Practice of Medicine Interclerkship was held on October 3, 2013. The keynote lecture was delivered by Stuart Altman, PhD Sol C. Chaikin Professor of National Health Policy, The Heller School for Social Policy and Management at Brandeis University. He spoke on “The Changing Health Care System: Federal and State Governments Becoming More Involved.” Eric Dickson, MD, President and Chief Executive Officer, UMassMemorial Health Care, delivered a presentation entitled “Diamonds in the Rough.” Students participated in a lively Q & A session with both speakers and participated in case-based small group discussion sessions.

Mary Ellen Keough, MPH assumed project management for the Geriatrics Interstitial Curriculum, a required one-day program for 3rd year medical students. She also co-led the Population Health Clerkship in Geriatrics, a two-week community-based initiative for 2nd year Medical students and Graduate Nursing Students.

As part of a month-long campus-wide celebration of Primary Care month, the Meyers Primary Care Institute jointly sponsored the Medical School’s Annual Primary Care Dinner in October together with the UMMS Office of Medical Education and the Center for Advancement of Primary Care. Massachusetts Secretary of the Executive Office of Health and Human Services, John Polanowicz, was the Keynote Speaker. This annual dinner provides a forum for students and primary care physicians to come together for informal discussions focused on careers in primary care.

The Health Professionals for Human Rights Medical Student Interest Group (HPHRIG) continues to be an ongoing initiative driven by the interests of medical and nursing students at the University of Massachusetts Medical School. Mary Ellen Keough, MPH, MPCI Director of Educational Programs, serves as the faculty advisor for this student interest group. Dr. Michael Chin will be assuming faculty leadership of this important initiative with Ms. Keough’s retirement.

Geriatric Teaching Days were held March 26-27, 2014. This year’s Visiting Professor of Geriatric Medicine was William J. Hall, MD, Professor of Medicine, University of Rochester, who described his career path to geriatric medicine and the subsequent rewards at the student and faculty dinner; he presented Grand Rounds at both Saint Vincent Hospital and UMMS on March 27, 2014. His Grand Rounds presentation was entitled “Updates in Geriatrics 2014.”

The Meyers Primary Care Institute together with the Division of Geriatric Medicine and the Office of Educational Affairs at the Medical School completed work on an initiative funded by the Donald W. Reynolds Foundation entitled “Comprehensive Programs to Strengthen Physicians’ Training in Geriatrics.” This initiative transformed the approach to geriatric education at UMMS at all levels from
undergraduate to graduate to continuing medical education. Sarah McGee, MD and Mary Ellen Keough, MPH led this important effort called *Advancing Geriatrics Education* (AGE).

- The 5th Annual Chief Resident Immersion Training Program took place May 9-11, 2014. Nineteen rising chief residents participated, in addition to three residency program directors. The program, supported by the Association of Directors of Geriatric Academic Programs and the Hearst Foundation, is designed to emphasize the principles of care for complex older patients and to foster collaboration across the specialties of medicine and surgery in the care of geriatric patients.
• Dr. Robert Cavanaugh will be transitioning from his position as Chair of the MPCI Board of Directors after 18 years of dedicated service.

• Dr. Kiefe will be appointed Chair of the MPCI Board of Directors effective July 1, 2014. David Wilner, MD will be appointed Vice Chair. Dr. Robert Yood will become Treasurer and Lisa Beittel, MBA will be appointed Clerk effective July 1, 2014.

• Elizabeth Malko, MD, Julia Andrieni, MD, Stephen Dolat, and Gerard Campbell departed as MPCI Directors.
Awards, Honors & Appointments

- Dr. Jerry Gurwitz was elected as the next Chair of the HMO Research Network Governing Board effective January 1, 2015.

- Dr. Kathleen Mazor was promoted to Professor of Medicine and has been named Associate Director of the Meyers Primary Care Institute effective July 1, 2014.

- Dr. Gurwitz served as Co-Chair of the 2014 UMass Clinical and Translational Science Annual Retreat Planning Committee.

- Dr. Jane Saczynski was appointed to the editorial board of the *Journal of the American Geriatrics Society* and was recognized as an outstanding reviewer by the Journal’s editor.

- Dr. Sarah Cutrona serves as Co-Chair of the UMMS Women’s Faculty Development Committee.

- Dr. Larry Garber was named a Health IT Vanguard Fellow by the Office of the National Coordinator. His accomplishments were also recognized by the Healthcare Information and Management Systems Society.

- Drs. Jennifer Donovan and Abir Kanaan received Faculty Scholarship Awards in the category of integration from MCPHS University.

- Dr. Mara Epstein was selected as a participant in the UMMS Junior Faculty Development Program.

- Dr. Kate Lapane was appointed as Vice President of Finance of the International Society of Pharmacoepidemiology.
MPCI Trainees

- Alexandra Hajduk was awarded a doctoral degree in Clinical and Population Health Research at the 2014 Commencement of the University of Massachusetts Medical School on June 1, 2014. Dr. Hajduk was mentored by Dr. Jane Saczynski and will be pursuing post-doctoral training at Yale University.

- Camilla Barlan continues to pursue her doctoral research program under the mentorship of Dr. Becky Briesacher.
Selected Presentations by MPCI Faculty

International


National


- Briesacher BA. Session Organizer and Chair, Medication Use in US Nursing Homes, American Public Health Association, Boston, MA, 2013.

- **Briesacher BA.** Podium presentation, Statin use and discontinuation among nursing home residents with advanced dementia, American Public Health Association, Boston, MA, 2013.


• **Field TS, Ogarek J, Gagne SJ, Garber L, Reed G, Gurwitz JH.** Does having an office visit within 7 days after hospital discharge reduce 30-day readmissions for older adults? Platform Presentation at the American Geriatrics Society 2014 Annual Conference; Lake Buena Vista FL. May 23, 2014.

• **Field TS, Ogarek J, Gagne SJ, Garber L, Reed G, Gurwitz JH.** Does having an office visit within 7 days after hospital discharge reduce 30-day readmissions for older adults? Platform Presentation at the HMO Research Network Annual Conference; Phoenix AZ. April 3, 2014.


• **Garber L.** “Health IT and Its Impact on Care Delivery and Payment Reform” - CMS eHealth Summit, May 19th, 2014

• **Garber L.** “Maximizing the Value of an EHR: Exceeding Meaningful Use Stage 2” – Institute for Health Technology Transformation HIT Summit, May 14th, 2014.

• **Garber L.** “Reliant Medical Group’s Experience with Data Segmentation and Release of Records” - Testimony before the Health IT Policy Committee Privacy and Security Tiger Team Hearing on DS4P, April 16th, 2014.


• **Garber L.** “Tracking of Incidental Hospital CT Findings” – Clinical Variation Reduction Group, Group Practice Improvement Network (GPIN), January 17th, 2014.

• **Garber L.** “Health Information Technology for Accountable Care Organizations” - Testimony before the Health IT Policy Committee Accountable Care Organization Hearing, December 5th, 2013.

• **Garber L.** “Engaging Patients at Home and in the Office” – Million Hearts HIT Fellows Webinar, December 4th, 2013.


• **Garber L.** “Engaging Patients With Social Media and Home Monitoring” - American College of Rheumatology’s Annual Scientific Meeting, October 27th, 2013.


- **Kapoor A.** American Geriatrics Society Presidential Poster Session for “Low self-reported physical function status was an excellent predictor of adverse postoperative course in older veterans having knee and hip surgery” Orlando Florida May 15, 2014.

- **Lapane K.** Between a rock and a hard place: Antipsychotics in nursing homes. College Wide Grand Rounds. University of Rhode Island, College of Pharmacy, February 2014

- **Lee PJ, Owens CL, Hutchinson L, Fischer AF.** Intranuclear Cytoplasmic Nuclear Inclusions are a Specific Features of Intraductal Papillary Mucinous Neoplasms that Distinguishes Contaminating Gastric Epithelium. American Society of Cytopathology, Orlando FL, 2013


- **Rollins B, Kanaan AO, Silva MA, Donovan JL.** Deciphering the selection for extended treatment of venous thromboembolism by way of a network meta-


- Volkman JE, Borglund EM, Sadasivam RS, Harvey KLL, **Cutrona SL**, Houston TK. Gender Differences with Smoking Cessation Online Interventions: The QUIT-PRIMO Study. Poster at Society of Behavioral Medicine Annual Meeting, April 2014.


• **Waring M**, Lemon S, Anatchkova M, Gore J, **McManus D**, McManus R, Ash A, **Goldberg R**, Kiefe C, **Saczyński J**. Demographic and clinical characteristics associated with patient perceptions of being cured following hospitalization for acute coronary syndromes: preliminary results from TRACE-CORE and TRACE-CARE. Poster Presentation at the AHA Quality of Care and Cardiovascular Outcomes Meeting, June, 2014


• Youssef Y, Lindenauer PK, Pekow P, White KO, **Mazor KM**, Roberts J, Goff SL. How an intervention to help pregnant women use publicly available pediatric quality data affects their trust in the internet as a source for these data. AcademyHealth Annual Research Meeting, San Diego, CA. June 2014.
Please visit our faculty page to view selected publications by faculty member.

1998


2001


115. Barron HV, Every NR, Parsons LS, Angeja B, **Goldberg RJ**, Gore JM, Chou TM. The use of intra-aortic balloon counterpulsation in patients with cardiogenic


127. Luckmann R. (Commentary) Review: advice from doctors and nurses, behavioral interventions, nicotine replacement treatment, and several pharmacologic treatments increase smoking cessation rates. Evidence Based Mental Health 2001;4:16.


171. Quirk M, **Stone S**, Chuman A, Devaney-O’Neil S, **Mazor K**, Starr S, **Lasser D.** Using differences between perceptions of importance and competence to identify


211. Philipp BL, **Walsh K, Merewood A.** When breastfeeding is beset by stormy seas. *Contemporary Pediatrics* 2003;8:112.


218. Shea DG, Stuart BC, **Briesacher B.** Caught in between: Prescription drug coverage of Medicare beneficiaries near poverty. New York: The Commonwealth


241. Spencer FA, Fonarow GD, Frederick PD, Wright RS, Every N, Goldberg RJ, Gore JM, Dong W, Becker RC, French W, for the National Registry of Myocardial


in the Global Registry of Acute Coronary Events (GRACE) JAMA 2004;291:2727-2733.


276. Billings-Gagliardi S, Barrett SV, **Mazor KM**. Into the black box: What are students thinking as they complete course evaluations. *Medical Education* 2004;38:1061-1070.


304. Dugan E, Trachtenberg F, Hall MA. Development of abbreviated measures to assess patient trust in a physician, a health insurer, and the medical profession. *BMC Health Serv Res* 2005;5:64.


360. Gaskin DJ, Briesacher B, Limcangco, Brigantti L, Lillie-Blanton M. Exploring racial and ethnic disparities in prescription drug spending and use of among


2007


393. Spencer FA, Lessard D, **Doubeni C**, Yarzebski J, Gore JM, **Goldberg RJ**. Treatment practices and outcomes of patients with established peripheral arterial disease hospitalized with acute myocardial infarction in a community setting. *Am Heart J* 2007;153:140-6.


trials: Opportunities and barriers identified by leaders of eight health plans. *Med Care* 2007;45:S29-S37.


486. Mazor K, Gagliardi S, Fischer M. Initial acceptance of treatment with antihypertensive medication: the importance of communication, trust and beliefs. *Communication in Healthcare* 2008;1:3


545. Floyd DC, Yarzebski J, Spencer FA, Lessard D, Dalen JE, Alpert JS, Gore JM, Goldberg RJ. A 30 year perspective (1975-2005) into the changing landscape...
of patients hospitalized with initial acute myocardial infarction: Worcester Heart


The Meyers Primary Care Institute Annual Report, FY 2014
Page 76


626. **Saczynski JS**, Lessard D, Spencer TA, **Gurwitz JH**, Gore JM, Yarzebski J, **Goldberg RJ**. Declining length of stay for patients hospitalized with acute


648. Nguyen HL, **Saczymski JS**, Gore JM, **Goldberg RJ**. Age and sex differences in duration of pre hospital delay in patients with acute myocardial infarction: A


731. **Gurwitz JH.** NSAIDs and atrial fibrillation: The risk is unproved, but NSAIDs should be used with caution in high risk patients anyway. *BMJ* 2011;343:d2495.


775. Field TS, Garber L, Gagne SJ, Preusse P, Donovan JL, Kanaan AO, Gurwitz JH. Technological resources and personnel costs required to implement an automated alert system for primary care physicians when patients transition from hospitals to home. *Inform Prim Care* 2012;20(2):87-93.


The Meyers Primary Care Institute Annual Report, FY 2014 Page 100


reliably improve or worsen depression among women with major depression? Obesity. 2013; 21(3):E211-E218.


865. Goff SL, Pekow PS, White KO, Lagu T, Mazor KM, Lindenauer PK. IDEAS for a healthy baby--reducing disparities in use of publicly reported quality data: study protocol for a randomized controlled trial. Trials. 2013; 14:244.


1018. Tisminetzky M, Coukos JA, McManus DD, Darling CE, Joffe S, Gore J, Lessard D, Goldberg RJ. Decade-long trends in the magnitude, treatment, and
outcomes of patients aged 30 to 54 years hospitalized with ST-segment elevation and non-ST-segment elevation myocardial infarction. Am J Cardiol. 2014; 113(10):1606-16010.


In Press


Mailing Address:
630 Plantation Street
Worcester, MA 01605

Physical Address:
425 North Lake Avenue
Worcester, MA 01605

Phone: (508) 791-7392
Fax: (508) 595-2200
E-mail: MeyersPrimary@meyersprimary.org