

## Harvard Medical School Curriculum Vitae

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### Education

1997	BS	Biology with highest distinction, double major in French, honors in Creative Writing	University of North Carolina at Chapel Hill, NC
2003	MD ( <i>magna cum laude</i> )	Medicine	Harvard Medical School
2008	PhD	Health Policy, Concentration in Evaluative Science and Statistics (Dissertation Chair: Alan Zaslavsky)	Harvard University

### Postdoctoral Training

#### **Internship and Residency**

06/03-06/04	Intern	Internal Medicine and Primary Care	Brigham and Women's Hospital
07/04-06/06	Resident	Internal Medicine and Primary Care	Brigham and Women's Hospital

#### **Clinical and Research Fellowships**

06/03-06/05	Clinical Fellow	Medicine	Harvard Medical School
07/05-06/07	Research/Clinical Fellow	Harvard Faculty Development and Fellowship Program in General Internal Medicine	Brigham and Women's Hospital
07/05-06/07	Post-Doctoral Fellow	AHRQ Post-Doctoral Fellowship in Health Services Research	Harvard School of Public Health
07/07-06/08	Research Fellow/Instructor	Health Care Policy	Harvard Medical School

### Faculty Academic Appointments

07/08-8/13	Assistant Professor	Health Care Policy	Harvard Medical School
07/08-8/13	Assistant Professor	Medicine	Harvard Medical School
9/13-12/15	Associate Professor	Health Care Policy	Harvard Medical School
9/13-6/17	Associate Professor	Medicine	Harvard Medical School
1/16-6/17	Warren Alpert Foundation Associate Professor	Health Care Policy	Harvard Medical School
7/17-	Warren Alpert Foundation Professor	Health Care Policy	Harvard Medical School
7/17-	Professor	Medicine	Harvard Medical School

### **Appointments at Hospitals/Affiliated Institutions**

07/05-	Associate Physician	Department of Medicine	Brigham and Women's Hospital
03/07-	Physician	Medicine	Brigham and Women's Faulkner Hospital, Boston, MA

### **Other Professional Positions**

2007-2010	Consulting Analyst, National Scorecard on U.S. Health System Performance	The Commonwealth Fund, New York, NY
2008	Consultant to the Committee on Health Insurance Status and its Consequences	Institute of Medicine
2010	Consulting Reviewer, Data Monitoring Committee	Health and Retirement Study
2014-	Consultant for Commission reports on low-value care	Medicare Payment Advisory Commission
2016	Expert Testimony	Federal Trade Commission
2016-	Consultant for evaluation of ACO Investment Model	Abt Associates

### **Major Administrative Leadership Positions**

#### **Local**

2011-	Course Head, Health Policy 3080	Harvard Graduate School of Arts and Sciences, Cambridge, MA
2016-	Co-chair, Evaluative Science and Statistics Concentration, Ph.D. Program in Health Policy	Harvard Graduate School of Arts and Sciences, Cambridge, MA

### **Committee Service**

**Local**

2008-	Faculty Advisory Committee, Ph.D. Program in Health Policy	Harvard Graduate School of Arts and Sciences Member
2009-	Committee on Higher Degrees in Health Policy	Harvard Graduate School of Arts and Sciences Member
2009-2010	Division of General Medicine Primary Care Residency Recruitment Subcommittee	Brigham and Women's Hospital Member
2009-2016	Housestaff Mentoring Program	Brigham and Women's Hospital Mentor
2010-2011	Junior Statistician Search Committee, Department of Health Care Policy	Harvard Medical School Member
2012-2013	Assistant/Associate Professor Search Committee, Department of Health Care Policy	Harvard Medical School Member
2013	Junior Statistician Search Committee, Department of Health Care Policy	Harvard Medical School Member
2013-	MD-PhD Program's Social Science Program Committee	Harvard Medical School Member
2014-2015	Faculty Search Committee, Department of Health Care Policy	Harvard Medical School Member
2015-2016	Faculty Search Committee, Department of Health Care Policy	Harvard Medical School Member
2015-	Admissions Committee, Ph.D. Program in Health Policy	Harvard Graduate School of Arts and Sciences Member
2015-	MD-PhD Program Subcommittee on Admissions	Harvard Medical School Member
2016-2017	Physician Faculty Search Committee, Department of Health Care Policy	Harvard Medical School Member
2016-	Executive Committee, Ph.D. Program in Health Policy	Harvard Graduate School of Arts and Sciences Member
2018-2019	Standing Committee on Promotions, Reappointments, and Appointments	Harvard Medical School Member

**Regional**

2015	Technical Advisory Panel on Patient Attribution Methodology	Massachusetts Health Policy Commission Member
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**National**

2009-2012	America's Best of Blue and Blue Works Awards Committee	Blue Cross and Blue Shield Association Referee
2012-2014	Scientific Advisory Panel	VA-HRS Data Linkage Project Member

2015	Listening Session on Quality Improvement to Eliminate Health Disparities	Centers for Medicare and Medicaid Services Office of Minority Health Invited Member
2015	Technical Expert Panel for the Method for Measuring Accountable Care Organization Improvement	CMS and Yale-CORE Member
2015	Technical Expert Panel on socioeconomic status adjustment for ambulatory care payment programs, including accountable care organizations and the Physician Value-Based Payment Modifier program	Office of the Assistant Secretary for Planning and Evaluation Member
2015	Advisory group on definition of primary care	Milbank Memorial Fund Member
2017-2019	Technical Expert Panel on the Development and Reevaluation of Outpatient Outcome Measures for the Merit-based Incentive Payment System	CMS and Yale-CORE Member
2018	Advisory Panel, Developing the Business Case for Coverage: Educating Employers about the Importance of Medicaid and Insurance Exchange Coverage	Pacific Business Group on Health Member
2018	Medicare Payment Advisory Commission March Report to Congress	Chapter reviewer
2018-2019	Board of Directors	Institute for Accountable Care Member
2018-2020	Expert Panel, Department of Housing and Urban Development (HUD) Supportive Services Demonstration (SSD) and Evaluation	Abt Associates Member
2018	Medicare Payment Advisory Commission June Report to Congress	Chapter reviewer
<b>International</b>		
2014	David Sackett Senior Investigator Award Review Panel	Canadian Society of Internal Medicine Member

### **Professional Societies**

1997-2003-2009	Massachusetts Medical Society Society of General Internal Medicine	Chair, Best Research Paper of the Year Award Selection Committee
2009-2012		Content Reviewer, Dataset Compendium Member, Health Policy Scientific Review Committee for Annual Meeting
2013		Member, Organization of Care and Chronic Disease Management Abstract Review Committee for Annual Meeting
2013		Co-Chair, Clinical Decision-Making &

		Economic Analyses Abstract Review Committee for Annual Meeting
	2018-2019	Chair, Outstanding Junior Investigator of the Year Award Selection Committee
2006-	AcademyHealth	
	2013	Member, Methods Theme Committee for Annual Research Meeting
	2016	Member, Student Poster Review Committee
2007-	American College of Physicians	
2015-	American Society of Health Economists	

### **Grant Review Activities**

2014	State Health Access Reform Evaluation (SHARE): Coverage Provisions of the Affordable Care Act	Robert Wood Johnson Foundation <i>Ad hoc</i> Reviewer
2015	Health Research Awards	Health Research Board, Ireland <i>Ad hoc</i> Reviewer
2015	Health Services Organization and Delivery Study Section	National Institutes of Health <i>Ad hoc</i> Reviewer
2016	Policy-Relevant Insurance Studies (PRIS)	Robert Wood Johnson Foundation <i>Ad hoc</i> Reviewer
2017	Scientific review panel for RFA-AG-17-013, Encouraging Appropriate Care Using Behavioral Economics through Electronic Health Records	National Institute on Aging, National Institutes of Health <i>Ad hoc</i> Reviewer
2017	Research in Transforming Health & Health Care Systems	Robert Wood Johnson Foundation <i>Ad hoc</i> Reviewer
2018	Scientific review panel for National Institute on Minority Health and Health Disparities Loan Repayment Program Applications	National Institutes of Health <i>Ad hoc</i> Reviewer
2018	Special Emphasis Panel on Member Conflict: Health Services and Health Informatics	National Institutes of Health <i>Ad hoc</i> Reviewer
2019	Clinical Scientist Development Award competition	Doris Duke Charitable Foundation <i>Ad hoc</i> Reviewer

### **Editorial Activities**

#### ***Ad hoc Reviewer***

*Health Affairs*

*Pediatrics*

*JAMA*

*Ethnicity and Health*

*New England Journal of Medicine*

*Health Services Research*

*Public Health Reports*  
*Annals of Internal Medicine*  
*Journal of Health Economics*  
*Journal of Policy Analysis and Management*  
*Journal of General Internal Medicine*  
*The Milbank Quarterly*  
*Preventive Medicine*  
*BMC Public Health*  
*American Journal of Public Health*  
*American Journal of Managed Care*  
*JAMA Internal Medicine*  
*Medical Care*  
*Medical Care Research and Review*  
*Forum for Health Economics & Policy*  
*Health Economics*  
*British Medical Journal*  
*Journal of the American Geriatrics Society*

### **Other Editorial Roles**

2013-14	Contributing Editor	<i>Journal of General Internal Medicine</i>
2014-2017	Comments Editor	<i>Journal of General Internal Medicine</i>
2016-	Member, Editorial Board	<i>American Journal of Managed Care</i>

### **Honors and Prizes**

1993-97	Morehead Scholar	University of North Carolina
1993-97	North Carolina Fellow	University of North Carolina
1993-97	Honors Program	University of North Carolina
1993-97	Dean's List	University of North Carolina
1996	Phi Beta Kappa	University of North Carolina
1996	Order of the Golden Fleece Leadership Award	University of North Carolina
1996	Martin Luther King, Jr. Scholarship Award Finalist	University of North Carolina
2003	Trainee Investigator Award	American Society for Clinical Investigation
2007	Mack Lipkin, Sr. Associate Member Award for Outstanding Scientific Presentation	Society of General Internal Medicine
2007-13	Health Disparities Loan Repayment Award	National Institutes of Health
2008	Best Published Research Paper of the Year Award	Society of General Internal Medicine
2008	Outstanding Dissertation Award	AcademyHealth
2009	Milton W. Hamolsky Junior Faculty Award for Outstanding Scientific Presentation	Society of General Internal Medicine
2010-14	Clinical Scientist Development Award	Doris Duke Charitable Foundation
2010-14	Paul B. Beeson Career Development Award	National Institute on Aging and American Federation for Aging Research
2012	Noteworthy Article of the Year	AcademyHealth
2013	Outstanding Reviewer	Annals of Internal Medicine
2014	Outstanding Junior Investigator of the Year	Society of General Internal Medicine
2014	Alice S. Hersh New Investigator Award	AcademyHealth

2014	Outstanding Reviewer	Annals of Internal Medicine
2015	Finalist, Annual Health Care Research Award	National Institute for Health Care Management Foundation
2015	Outstanding Reviewer	Annals of Internal Medicine
2016	Elected Member	American Society for Clinical Investigation
2016	Best Abstract (Medicare Theme)	AcademyHealth
2017	Finalist, Annual Health Care Research Award	National Institute for Health Care Management Foundation
2018	Editor's picks: 10 most noteworthy articles of 2017	Health Affairs
2018	Article of the Year Award	AcademyHealth
2018	Best Abstract (Improving Safety, Quality, and Value Theme)	AcademyHealth

## **Report of Funded and Unfunded Projects**

### **Funding Information**

#### **Past**

2006-2009	Assessing the long-term implications of uninsured adults to Medicare (PI: Ayanian, John) The Commonwealth Fund 20060485 Co-Investigator
2009-2012	"BlueWorks" Blue Cross Blue Shield Association (PI: McNeil, Barbara) Co-Investigator
2010	Impact of Medicare Part D on Preventable Hospitalizations and Nondrug Medicare Spending William F. Milton Fund #624473 PI
2010	Outpatient Waiting Times, Outcomes, and Cost for VA Patients with Diabetes (Supplement) VA Boston Healthcare System/VA HSR & D, IAD 06-112 (PI: Pizer, Steven / Subcontract PI: Landon, Bruce) Co-Investigator
2010-2014	Reforming Medicare: Beneficiary Choice, Plan Payment, and Accountable Care Paul B. Beeson Career Development Award in Aging Research National Institute on Aging (NIA) K08 AG038354, American Federation for Aging Research PI
2010-2014	Economic and Clinical Benefits of Medicare Prescription Drug Coverage Clinical Scientist Development Award Doris Duke Charitable Foundation 2010053

PI

- 2009-2015     The Role of Private Plans in Medicare  
National Institute on Aging P01 AG032952 (PI: Newhouse, Joseph)  
Co-Investigator
- 2014            Health Care Markets and Regulation Lab: Seed Funding  
Laura and John Arnold Foundation  
Co-Investigator
- 2013-2016     Examination of Behavioral Health Care Integration in Medicare Accountable Care  
Organizations  
HHSP23320130051C U.S. Department of Health and Human Services, Office of the  
Assistant Secretary for Planning and Evaluation  
PI
- 2013-2016     Effects of Physician Concentration, Physician-hospital Integration, and ACOs on Prices in  
Commercial Health Care Markets  
Robert Wood Johnson Foundation 71408  
PI
- 2014-2017     Health Care Markets and Regulation Lab  
Laura and John Arnold Foundation (PI: Chernew, Michael)  
Project Leader  
Overall objectives: (1) Initiate specific, innovative, high impact projects that have the  
potential to meaningfully support the transformation of the American Health Care system.  
Research areas include: quality measurement, payment and delivery system reform,  
consumer behavior, risk adjustment and exchanges. (2) Develop core resources to support  
the aforementioned projects, move forward on existing work and enhance the visibility and  
impact of lab activities.
- Current**
- 2013-2018     Technology Diffusion and New Delivery Models  
4U01MH103018 National Institutes of Health/National Institute of Mental Health,  
Common Fund U01 (PIs: Normand, Sharon-Lise/Huskamp, Haiden)  
Co-Investigator  
This study will conduct an in-depth investigation of the patterns of diffusion of new  
technologies, including drugs, biologics, and devices, across organizations of different  
types, and assess the effects of a new model for organizing and financing health care that is  
encouraged under the Affordable Care Act (ACA) of 2010 – risk-based payments made to  
accountable care organizations (ACOs) – on spending for new technologies.
- 2015-2017     How Do Patients Rate Experiences with Physicians Who Provide More Low-Value  
Services?  
NIHCM Research and Educational Foundation (PI: Sanghavi, Prachi)  
Site PI (\$22,850)



The project studies the relationship between patient ratings of care experiences and physician provision of low-value services, using novel data linkages and recently developed methods for measuring the use of low-value services.

- 2015-2020 Medicare in a Restructured Delivery System  
NIH/NIA 2P01AG032952 (PI: Newhouse, Joseph)  
Project Leader (\$797,890 direct costs all years)  
Total Project (\$4,214,563 direct costs all years)  
Successful integration of financing and care in the Medicare program is the single most important objective of health policy, and arguably, with its powerful budgetary implications, of social and fiscal policy in the US today. This Program Project lays out a forward-looking research agenda encompassing three areas: 1) innovative and comprehensive analyses of current initiatives around ACOs, 2) rigorous research on the current form of integration, the MA program which, as our research has shown, has demonstrated improved performance in recent years, and, 3) research on innovative beneficiary as well as provider payment policy.
- 2015-2020 Effects of Expanded Coverage on Access, Health Care and Health in the South  
NIH/National Cancer Institute 1R01CA189152 (MPI: McWilliams/Graves, John)  
PI (\$648,517 direct costs all years, Harvard sub-contract from Vanderbilt)  
(\$3,610,409 direct costs all years, total awarded project).  
This project will provide timely and rigorous analysis of the effect of health insurance coverage expansions on health care use and outcomes among a large cohort of low-income adults in 12 southeastern states. Using a quasi-experimental research design, we aim to quantify the effects of coverage expansion through Medicaid and private health insurance exchanges on access to care, cancer screening and use of preventive clinical services (Aim 1); on self-reported health outcomes, mortality and use of emergent and inpatient care (Aim 2); and on cancer stage at diagnosis and quality of cancer care (Aim 3).
- 2015-2020 Measuring the Clinical and Economic Outcomes Associated with Delivery Systems  
Agency for Healthcare Research & Quality/National Bureau of Economic Research  
U19HS024072 (PI: Cutler, David)  
Co-Investigator  
This project examines whether differences in the delivery of evidence-based care processes and clinical and economic outcomes can be explained by characteristics of organizations that can be understood and modified, or whether such outcomes are ‘residual’ characteristics of organizations that are hard to transfer.
- 2016-2018 Impact of Maryland’s Hospital Global Budgets on Utilization, Quality, and Spending  
The Commonwealth Fund 20160555 (PI: Mehrotra, Ateev)  
Co-Investigator  
This project will conduct a rigorous evaluation of Maryland’s hospital global budget program. Specifically, we will examine the program’s effects on hospitalizations and readmissions, spending, inpatient and ambulatory care quality, and unintended provider behaviors. This work will shed light on the effects of global budget payment models, when implemented at the hospital level, on patient outcomes and provider behavior.
- 2017-2021 Identifying Predictors of Hospital Admission from the ED Among the Elderly

Agency for Healthcare Research and Quality 1R01HS025408-01 (PI: Landon, Bruce)  
Co-Investigator

- 2017-2020      Health Care Markets and Regulation Lab  
Laura and John Arnold Foundation (PI: Chernew, Michael)  
Project Leader  
Overall objectives: (1) Initiate specific, innovative, high impact projects that have the potential to meaningfully support the transformation of the American Health Care system. Research areas include: quality measurement, payment and delivery system reform, consumer behavior, risk adjustment and exchanges. (2) Develop core resources to support the aforementioned projects, move forward on existing work and enhance the visibility and impact of lab activities.
- 2017-2018      Model Portfolio Plan (ACO Regulations)  
MITRE/CMS (PI: Chernew)  
Co-Investigator  
Harvard Medical School will provide MITRE with subject matter expertise in Accountable Care Organizations (ACOs) and familiarity with existing literature. Harvard will also provide technical expertise in the practical application in modeling ACO benchmarking and related risk adjustment.

## **Report of Local Teaching and Training**

### **Teaching of Students in Courses**

#### **Harvard Medical School**

2008-2009	HC750: Health Care Policy 140 medical students/8-10 per tutorial	Tutorial Leader	Harvard Medical School 2-hr session per week for 12 weeks
2010-2015	HC750: Health Care Policy 140 medical students/8-10 per tutorial	Tutorial Leader and Lecturer	Harvard Medical School 4 two-hour sessions per week for 4 weeks
2015-	Tutorial on Aging Research, MD-PhD Training Program in Aging and the Social/Behavioral Sciences 2-3 MD-PhD students	Tutorial Leader	Harvard Medical School 1-hr session per month for 9 months
2016	Essentials of Profession: Health Policy 30 medical students	Substitute large group session leader	Harvard Medical School 1 two-hour session
2016-	Essentials of Profession: Health Policy	Curriculum Development Board Member	Harvard Medical School
2017	Essentials of Profession: Health Policy	Small group session leader	Harvard Medical School 1-hr session for 8 days in

2018-	Essentials of Profession: Health Policy	Substitute small group session leader	January Harvard Medical School
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### **Harvard Graduate School of Arts and Sciences**

2008-	Health Policy 3080: Graduate reading course for evaluative science and statistics concentration	Course Head, and exam preparation session leader	1 two-hour session, 12-15 sessions per year
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### **Formal Teaching of Residents, Clinical Fellows and Research Fellows**

2005	Intern Curriculum 25 interns in internal medicine residency	Brigham and Women's Hospital 10 two-hour sessions per year
2007-2008	Humanistic Curriculum 15-20 internal medicine residents	Brigham and Women's Hospital 6 two-hour sessions per year
2009	"Health Policy: Problems and Solutions" 20 primary care residents	Brigham and Women's Hospital One hour lecture
2011	"Affecting Health Care Policy through Research" 10 primary care residents	Brigham and Women's Hospital One hour lecture
2014	"Medicaid and the Safety Net" 10 medicine residents	Brigham and Women's Hospital One hour lecture

### **Clinical Supervisory and Training Responsibilities**

2007-2009	General Medicine Service Attending Physician and Supervisor/Brigham and Women's Hospital	Two weeks per year
2008-	Ambulatory Internal Medicine Clinic Preceptor/ Phyllis Jen Center for Primary Care, Brigham and Women's Hospital	3.5h per week, ~35 sessions per year
2009-	Housestaff Mentoring Program Mentor/ Brigham and Women's Hospital	2 one-hour meetings per year for each of 2-3 residents
2010-2015	Intensive Teaching Unit (General Medicine Service) Attending Physician and Supervisor/Brigham and Women's Hospital	Two weeks per year

### **Mentored Trainees and Faculty**

2009-2010	Miji Choi, MD, MPH/Psychiatrist, Hallym University Kangnam Sacred Heart Hospital, Seoul, Korea Supervised independent research project for MPH at Harvard School of Public Health; published manuscript in <i>Journal of Health Care for the Poor and Underserved</i>	
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2010-2015	Kao-Ping Chua, MD, PhD/Assistant Professor, University of Chicago Medicine Dissertation committee member; published manuscripts in <i>Pediatrics</i> and <i>Journal of Pediatrics</i>
2011-2013	Akihiro Nishi, MD, MPH/Assistant Professor, UCLA Fielding School of Public Health Dissertation committee member; published manuscript in the <i>Bulletin of the World Health Organization</i>
2011-	Ifedayo Kuye, MD, MBA/Resident in internal medicine, Brigham & Women's Hospital Medical school thesis supervisor; published manuscript in <i>JAMA Intern Med</i> , second manuscript in preparation
2012-2014	Ryan Anderson, MD, MPP/Resident in internal medicine, Brigham & Women's Hospital Supervised research during MPP program; published manuscript in <i>J Gen Intern Med</i>
2012-2017	Hannah Neprash, PhD/ Assistant Professor, University of Minnesota School of Public Health Dissertation committee member; published manuscripts in <i>Health Services Research</i> , <i>JAMA Intern Med</i> , and <i>Health Affairs</i>
2012-	Aaron Schwartz, MD, PhD/ Resident in internal medicine, Brigham & Women's Hospital Dissertation committee member and medical school thesis supervisor; published two manuscripts in <i>JAMA Intern Med</i> and one in <i>Health Serv Res</i> , fourth manuscript under review
2012-	Zirui Song, MD, PhD/Assistant Professor of Health Care Policy and Medicine, Harvard Medical School and Massachusetts General Hospital Supervised research during PhD and residency training; published two manuscripts in <i>N Engl J Med</i> and <i>JAMA Intern Med</i>
2013-2014	Gabriel Fabreau, MD/ Clinical Assistant Professor, Cumming School of Medicine, University of Calgary Supervised general medicine fellowship research; published manuscript in <i>Circ Cardiovasc Qual Outcomes</i>
2013-2015	Daria Pelech, PhD/ Analyst, Congressional Budget Office Dissertation committee member
2013-	Michael Barnett, MD, MS/ Assistant Professor, Harvard T.H. Chan School of Public Health Supervised general medicine fellowship research and supervising research as junior faculty; published manuscripts in <i>JAMA Intern Med</i> and <i>Am J Manag Care</i>
2015-	Annabelle Fowler, BA/PhD candidate, Harvard PhD Program in Health Policy Dissertation committee member
2015-2018	Jean Biniek, MA/PhD candidate, Harvard PhD Program in Health Policy Dissertation committee member

- 2015- Eric Roberts, PhD/Assistant Professor, University of Pittsburgh School of Public Health  
Supervised post-doctoral fellowship research and supervising research as junior faculty;  
published two manuscripts in *Health Aff*, one in *Ann Intern Med*, two in *JAMA Intern Med*  
K application co-mentor
- 2015- Sunita Desai, PhD/ Assistant Professor of Health Policy, NYU Langone School of  
Medicine  
Supervised post-doctoral fellowship research and supervising research as junior faculty;  
published manuscript in *N Engl J Med*  
K application co-mentor
- 2016- Lauren Gilstrap, MD/Fellow in cardiovascular medicine, Brigham & Women's Hospital  
Supervising fellowship research; manuscript published in *Health Aff*
- 2016- Peter Lyu, MSPH/PhD candidate, Harvard PhD Program in Health Policy  
Advisor
- 2016- Michael Anne Kyle, MS/PhD candidate, Harvard PhD Program in Health Policy  
Supervising doctoral research
- 2017- Ishani Ganguli, MD, MPH/Instructor in Medicine, Brigham & Women's Hospital and  
Harvard Medical School  
Supervising junior faculty research; manuscripts published in *JAMA*, *Health Aff*
- 2017- Matthew Basilico, AB, AM/MD-PhD candidate, Harvard Department of Economics and  
Harvard Medical School  
Supervising doctoral research; manuscript in preparation
- 2017- Brian McGarry, PhD/Post-doctoral research fellow, Department of Health Care Policy,  
Harvard Medical School  
Supervising doctoral research; manuscript in preparation
- 2017- Timothy Layton, PhD/Assistant Professor of Health Care Policy, Harvard Medical School  
K award co-mentor
- 2017- Andrew Wilcock, PhD/Marshall J. Seidman Post-doctoral Fellow, Department of Health  
Care Policy, Harvard Medical School  
Supervising post-doctoral research; manuscripts forthcoming and in preparation
- 2018- Vinay K. Rathi, MD/Resident, Massachusetts Eye and Ear Infirmary; MBA candidate,  
Harvard Business School

### **Formal Teaching of Peers**

2006	Joint Injection Workshop Office Practice of Primary Care Medicine	3 one-hour sessions Boston, MA
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### **Local Invited Presentations**

*No presentations below were sponsored by outside entities*

- 2008 Importance of Health Insurance for Near-elderly Adults/ Gerontology Grand Rounds  
Division of Gerontology, Beth Israel Deaconess Medical Center
- 2009 Sick, Aging, and Uninsured: Importance of Coverage and Value of Reform/ Medical Grand Rounds  
Department of Medicine, Faulkner Hospital
- 2009 Achieving Value in Health Care/ Speaker  
Harvard Board of Fellows Meeting, Harvard Medical School
- 2009 Sick, Aging, and Uninsured: The Value of Coverage/ Faculty Symposium on Health Care Policy  
Harvard Medical School
- 2011 Effects of Medicare Part D on Non-drug Medical Spending for Elderly Adults with Limited Prior Drug Coverage/ Invited Lecture, Pharmaceutical Policy Research Seminar  
Department of Population Medicine, Harvard Medical School
- 2013 Program for Improving the Performance of Health Care Markets: Accountable Care Organizations/ Health Care Policy Advisory Council  
Harvard Medical School
- 2013 Health Care Policy and Medicare/ Health Care Policy Media Fellowship  
Harvard Medical School
- 2013 Health Care Markets and Regulation Lab: Rapid Evaluation/ Health Care Policy Advisory Council  
Harvard Medical School
- 2014 Payment Reform: ACO Project Update and Plans/ Health Care Policy Advisory Council  
Harvard Medical School
- 2014 Payment and Delivery System Reform: Research Progress and Future Directions/ Health Care Policy Advisory Council  
Harvard Medical School
- 2015 ACOs and Provider Consolidation: Update and Future Directions/ Health Care Policy Advisory Council  
Harvard Medical School
- 2015 Payment Reform in Medicare: Design and Effects/Invited Lecture  
Partners Healthcare, Boston, MA
- 2016 Payment Reform Update / Policy Advisory Board for Laura and John Arnold Foundation Project  
Harvard Medical School
- 2016 ACOs: Building on Early Progress / Invited Speaker for ACO Leadership Workshop

Harvard T.H. Chan School of Public Health

- 2017 Payment and Delivery System Reform in Medicare: ACOs and Beyond / Scientific Advisory Board Meeting for NIA Program Project "Medicare in a Restructured Delivery System"  
Harvard Medical School
- 2017 Accountable Care Organizations: Happy Talk, Evidence, & Challenges Ahead/Invited Lecture  
Center for Surgery and Public Health, Harvard HSR Surgical Speaker Series, Brigham and Women's Hospital
- 2018 Population-based Payment Models: Promise, Progress, and Problems  
Department of Health Care Policy 30<sup>th</sup> Anniversary Event, Harvard Medical School

## **Report of Regional, National, and International Invited Teaching and Presentations**

*No presentations below were sponsored by outside entities*

### **Regional**

- 2013 Patient Attribution and Quasi-experimental Evaluations of Delivery and Payment System Reforms/Invited Speaker  
RAND, Boston, MA
- 2016 Low-Value Care and Payment Reform/ Invited Lecture  
Center for Evaluation of Value and Risk in Health, Tufts Medical Center, Boston, MA
- 2017 Accountable Care Organizations: Happy Talk, Evidence, & Challenges Ahead/Invited Lecture  
13<sup>th</sup> Charles F. Johnson Lecture, Hallmark Health, Lawrence Memorial Hospital, Medford, MA
- 2018 "Value-Based Payment": Promise, Progress, & Problems/Invited Lecture  
Boston University School of Public Health, Boston, MA

### **National**

- 2004 Experience of uninsured near-elderly adults in the Health and Retirement Study/ Invited Lecture  
Institute for Social Research & National Poverty Center of Gerald Ford School of Public Policy, University of Michigan, Ann Arbor, MI
- 2006 Intensity of health services and costs of care for previously uninsured Medicare beneficiaries/ Research Presentation (paper)  
Annual National Research Service Award Trainees Research Conference, Seattle, WA
- 2006 Intensity of health services and costs of care for previously uninsured Medicare beneficiaries/ Research Presentation (paper)  
AcademyHealth Annual Research Meeting, Seattle, WA
- 2008 Management of cardiovascular disease and diabetes in the US: trends in disparities and effects of Medicare coverage/ Research Presentation (paper)  
Society of General Internal Medicine Annual Meeting, Pittsburgh, PA

- 2008 Sick, aging, and uninsured: importance of coverage and value of reform/ Medical Grand Rounds  
Department of Medicine, University of Virginia, VA
- 2009 Medicare Spending for Previously Uninsured Adults/ Plenary Presentation (paper)  
Society of General Internal Medicine Annual Meeting, Miami, FL
- 2009 Medicare Spending for Previously Uninsured Adults/ Research Presentation (paper)  
AcademyHealth Annual Research Meeting, Chicago, IL
- 2010 Finding and Using Publicly Available Datasets for Secondary Data Analysis Research/ Panel  
Presentation  
Society of General Internal Medicine Annual Meeting, Minneapolis, MN
- 2011 Effects of Medicare prescription drug coverage on non-drug medical spending/ Research  
Presentation (paper)  
Society of General Internal Medicine Annual Meeting, Phoenix, AZ
- 2011 Cognition and choice between traditional Medicare and Medicare Advantage/ Research  
Presentation (abstract)  
Society of General Internal Medicine Annual Meeting, Phoenix, AZ
- 2011 Effects of Medicare prescription drug coverage on non-drug medical spending/ Research  
Presentation (paper)  
AcademyHealth Annual Research Meeting, Seattle, WA
- 2011 Cognition and choice between traditional Medicare and Medicare Advantage/ Research  
Presentation (paper)  
AcademyHealth Annual Research Meeting, Seattle, WA
- 2012 Risk adjustment and risk selection in Medicare Advantage/ Research Presentation  
Science of Medicare Reform, University of Southern California, Los Angeles, CA
- 2012 Risk adjustment and risk selection in Medicare Advantage/ Invited Lecture  
Robert Wood Johnson Foundation Clinical Scholars Program & Institute for Social Research,  
University of Michigan, Ann Arbor, MI
- 2012 Risk adjustment and risk selection in Medicare Advantage/ Research Presentation (paper)  
Society of General Internal Medicine Annual Meeting, Orlando, FL
- 2012 Risk adjustment and risk selection in Medicare Advantage/Invited Speaker  
Medicare Payment Advisory Commission, Washington, DC
- 2013 Measuring Low Value in Medicare/ Invited Speaker  
Lown Conference Research Agenda Working Group, Boston, MA
- 2014 Outpatient care patterns and organizational accountability in Medicare/Research Presentation  
(paper)



AcademyHealth Annual Research Meeting, San Diego, CA

- 2014 Key policy issues in the evolution of Medicare ACO programs/Invited Panelist  
The Health Industry Forum: The Evolution of Accountable Care under Medicare, Washington, DC
- 2014 Changes in patient experiences in the first year of Medicare ACO contracts/Invited Lecture  
Center for Medicare and Medicaid Innovation, Baltimore, MD
- 2014 ACOs: Evidence and Design Issues/Invited Speaker  
Congressional Budget Office Panel of Health Advisors, Washington, DC
- 2014 ACOs in Medicare: Design Issues Moving Forward/Invited Speaker  
National Association of Accountable Care Organizations Fall Conference, Washington, DC
- 2014 What We Know About ACOs So Far/Invited Panelist  
Brookings Institution, Washington, DC
- 2015 ACOs: Early Evidence and Policy Implications/Invited Speaker  
National Health Policy Conference, Washington, DC
- 2015 Refining ACO Benchmarks: Evidence and Implications/Invited Speaker  
National Association of Accountable Care Organizations, Baltimore, MD
- 2015 Improving Outcomes in the Medicare Program/Invited Speaker  
National Advisory Council on Aging, National Institute on Aging, Bethesda, MD
- 2015 Physician-Hospital Integration: Higher Prices and More to Come?/Invited Speaker  
Mathematica Policy Research, Washington, DC
- 2015 Accountable Care Organizations: Early Gains, Challenges Ahead/Invited Speaker  
Yale School of Public Health, New Haven, CT
- 2016 Accountable Care Organizations: Early Gains, Challenges Ahead/Invited Speaker  
The Dartmouth Institute and Rockefeller Center for Public Policy, Hanover, NH
- 2016 Accountable Care Organizations: Early Gains, Challenges Ahead/Visiting Professor  
University of Pennsylvania Perelman School of Medicine and Leonard Davis Institute,  
Philadelphia, PA
- 2016 ACOs: New Evidence on Savings/Invited Speaker  
Medicare Payment Advisory Commission, Congressional Budget Office, CMS Office of the  
Actuary, Washington, DC
- 2016 Mental Health Care in ACOs/Invited Speaker  
Office of the Assistant Secretary for Planning and Evaluation, Department of Health and Human  
Services, Washington, DC
- 2016 Early Performance of ACOs in Medicare/Research Presentation (paper)

AcademyHealth Annual Research Meeting, Boston, MA

- 2016 Early Performance of ACOs in Medicare/Research Presentation (paper)  
6<sup>th</sup> Biennial Conference of the American Society of Health Economics, Philadelphia, PA
- 2017 ACOs, APMs, EPMs, MACRA, MIPS: Making Sense of Provider Payment in Medicare/Invited Speaker  
26<sup>th</sup> annual Health Care Forecast Conference, Center for Health Care Management and Policy, University of California Irvine Paul Merage School of Business, Irvine, CA
- 2017 Accountable Care Organizations: Making Progress in a Land of Unicorns/Keynote Speaker  
21st Kovner-Behrman Health Forum, NYU Wagner School of Public Service, New York, NY.
- 2017 Separating Myths from Facts: The Evidence on ACOs/Dinner Speaker  
Healthcare Policy Leadership Council, Harvard Kennedy School of Government, Cambridge, MA
- 2017 Providers Taking Real Risk to Realize Change/Speaker  
NEJM Catalyst, Harvard Business School, Boston, MA
- 2018 Advancing Value: Next Steps in Quality Measurement/Panel Speaker  
National Health Policy Conference, Washington, DC
- 2018 The Value-Based Payment Modifier/Article-of-the-Year Presentation  
AcademyHealth Annual Research Meeting, Seattle, WA
- 2018 Success of Physician Group ACOs: Primary Care or Incentives at Work?/Webinar  
Patient-Centered Primary Care Collaborative
- 2018 Evidence on ACOs: Understanding the Progress So Far and Challenges Ahead/Invited Speaker  
Healthcare Policy Leadership Council, Harvard Kennedy School of Government, Cambridge, MA

### **International**

- 2007 Intensity of health services and costs of care for previously uninsured Medicare beneficiaries/  
Lipkin Award Presentation (paper)  
Society of General Internal Medicine Annual Meeting, Toronto
- 2017 Risk Contracting with Health Care Providers: The US Experience with ACOs/Invited Lecture  
Dutch Ministry of Health, co-sponsored by the Dutch Healthcare Authority, National Institute for Public Health and the Environment, Bureau for Economic Policy Analysis, The Hague, the Netherlands
- 2017 Risk Contracting with Health Care Providers: The US Experience with ACOs/Invited Lecture  
Health Foundation, co-sponsored by the National Health Service, London, UK

## **Report of Clinical Activities and Innovations**

### **Current Licensure and Certification**

2005- Massachusetts Medical License  
 2007, 2017 Diplomate, American Board of Internal Medicine

### **Practice Activities**

2005-	Ambulatory Care	Phyllis Jen Center for Primary Care (formerly Brigham Internal Medicine Associates), BWH	3h per week, ~40 sessions per year
2007-2015	Inpatient Care	General Medicine Service and Intensive Teaching Unit, BWH	2 weeks per year

## **Report of Education of Patients and Service to the Community**

### **Education of Patients and Service to the Community**

*No presentations below were sponsored by outside entities*

2001-2002	Brigham and Women's Hospital/Project Coordinator of Hospitalist Post-discharge Home Visit Program
2012	Medicare Payment Advisory Commission/Speaker Lecture on risk adjustment and risk selection in Medicare Advantage
2014	Center for Medicare and Medicaid Innovation Invited Lecture/Speaker Lecture on changes in patient experiences in the first year of Medicare ACO contracts
2015	Centers for Medicare and Medicaid Services/Comment on notice of proposed rule making for the Medicare Shared Savings Program [CMS-1461-P Subsection 6]— Seeking Comment on the Benchmarking Alternatives Considered and the Applicability of these Approaches
2016	Centers for Medicare and Medicaid Services/Comment on notice of proposed rule making for the Medicare Shared Savings Program [CMS-1644-P]—Revised Benchmark Rebased Methodology, Facilitating Transition to Performance-Based Risk, and Administrative Finality of Financial Calculations
2018	Centers for Medicare and Medicaid Services/Comment on notice of proposed rule making for the Medicare Shared Savings Program [CMS-1701-P]—Accountable Care Organizations—Pathways to Success

### **Educational Material for Patients and the Lay Community**

*No educational materials below were sponsored by outside entities*

2010	Letting Perfect be the Enemy of Good? ( <a href="http://theincidentaleconomist.com/wordpress/letting-perfect-be-the-enemy-of-good/">http://theincidentaleconomist.com/wordpress/letting-perfect-be-the-enemy-of-good/</a> )
2014	Refining the ACO Program: Issues and Options ( <a href="http://hmrlab.hcp.med.harvard.edu/wp-content/uploads/2014/12/Refining-the-ACO-Program-Issues-and-Options.pdf">http://hmrlab.hcp.med.harvard.edu/wp-content/uploads/2014/12/Refining-the-ACO-Program-Issues-and-Options.pdf</a> )
2015	Differences in Methods and Results between Recent Studies of the Pioneer ACO Model ( <a href="http://theincidentaleconomist.com/wordpress/differences-in-methods-and-results-between-recent-studies-of-the-pioneer-aco-model/">http://theincidentaleconomist.com/wordpress/differences-in-methods-and-results-between-recent-studies-of-the-pioneer-aco-model/</a> )
2015	McWilliams et al. Response to Soumerai and Koppel

- (<http://theincidentaleconomist.com/wordpress/mcwilliams-et-al-response-to-soumerai-and-koppel/>)
- 2016 Podcast: Dr. J. Michael McWilliams on the merits of care coordination—and why it’s unlikely to reduce health care spending  
(<http://www.nejm.org/doi/full/10.1056/NEJMp1610821#t=article>)
- 2017 Podcast: J. Michael McWilliams, MD, PhD, author of Changes in Postacute Care in the Medicare Shared Savings Program (<http://jamanetwork.com/learning/audio-player/14069011>)
- 2017 Savings Reported by CMS do not Measure True ACO Savings. Health Affairs Blog (<http://healthaffairs.org/blog/2017/06/19/savings-reported-by-cms-do-not-measure-true-aco-savings/>)
- 2018 Do Less, Not More—Reducing Waste in Health Care  
(<https://catalyst.nejm.org/videos/do-less-reducing-waste-in-health-care/>)

## **Report of Scholarship**

### **Peer-Reviewed Publications in print or other media**

1. Reese PP, Hicks LS, **McWilliams JM**, Britton O, McKean SCW. Hospitalist home visit program identifies medication errors in a vulnerable general medicine population. *J Clin Outcomes Manage* 2003;10:198-202.
2. **McWilliams JM**, Zaslavsky AM, Meara E, Ayanian JZ. Impact of Medicare coverage on basic clinical services for previously uninsured adults. *JAMA* 2003;290:757-764.
  - Bindman AB, Haggstrom DA. Small steps or a giant leap for the uninsured? *JAMA* 2003;290:816-8.
3. **McWilliams JM**, Zaslavsky AM, Meara E, Ayanian JZ. Health insurance coverage and mortality among the near-elderly. *Health Aff (Millwood)* 2004;23:223-233.
4. Hicks LS, Ayanian JZ, Orav EJ, Soukup J, **McWilliams JM**, Choi SS, Johnson PA. Is hospital service associated with racial and ethnic disparities in experiences with hospital care? *Am J Med* 2005;118:529-535.
5. Opatowsky AR, **McWilliams JM**, Cannon CP. Gender differences in aspirin use among adults with coronary heart disease in the United States. *J Gen Intern Med* 2007;22:55-61.
6. **McWilliams JM**, Meara E, Zaslavsky AM, Ayanian JZ. Use of health services by previously uninsured Medicare beneficiaries. *N Engl J Med* 2007;357:143-53.
7. **McWilliams JM**, Meara E, Zaslavsky AM, Ayanian JZ. Health of previously uninsured adults after acquiring Medicare coverage. *JAMA* 2007;298:2886-94.
  - Selected as the Best Published Research Paper of the Year by the Society of General Internal Medicine in 2008.
8. **McWilliams JM**, Meara E, Zaslavsky AM, Ayanian JZ. Differences in control of cardiovascular disease and diabetes by race, ethnicity, and education: U.S. trends from 1999 to 2006 and effects of Medicare coverage. *Ann Intern Med* 2009;150:505-15.

- Sehgal AR. Universal health care as a health disparity intervention. *Ann Intern Med* 2009;150:561-2.
  - Scanlan JP. Article on disparities in control of cardiovascular disease and diabetes raises several measurement issues. *Ann Intern Med* 2009;(published online); reply in *Ann Intern Med* 2009;(published online).
9. **McWilliams JM**, Meara E, Zaslavsky AM, Ayanian JZ. Medicare spending for previously uninsured adults. *Ann Intern Med* 2009;151:757-766.
    - Bhattacharya J. Insuring the near-elderly: how much would Medicare save? *Ann Intern Med* 2009;151:816-7.
    - Polsky D, Decker SL. Would insuring near-elderly persons reduce Medicare spending in patients aged 65 years or older? *Ann Intern Med* 2010;152(7):476-7; reply in *Ann Intern Med* 2010;152(7):477.
  10. **McWilliams JM**. Health consequences of uninsurance among adults in the United States: recent evidence and implications. *Milbank Q* 2009;87:443-94.
  11. **McWilliams JM**, Meara E, Zaslavsky AM, Ayanian JZ. Assessing the health effects of Medicare coverage for previously uninsured adults: a matter of life and death? *Health Serv Res* 2010;45:1407-1422.
    - Polsky D, Doshi JA, Manning WG, Paddock S, Cen L. Response to McWilliams commentary: "Assessing the health effects of Medicare coverage for previously uninsured adults: a matter of life and death?" *Health Serv Res* 2010;45:1423-29.
  12. Choi M, Sommers BD, **McWilliams JM**. Children's health insurance and access to care during and after the CHIP expansion period. *J Health Care Poor Underserved* 2011; 22:578-591.
  13. **McWilliams JM**, Zaslavsky AM, Huskamp HA. Implementation of Medicare Part D and non-drug medical spending for elderly beneficiaries with limited prior drug coverage. *JAMA* 2011;306(4):402-409.
    - Selected as a Noteworthy Article of the Year by AcademyHealth in 2012.
  14. **McWilliams JM**, Afendulis CC, McGuire TG, Landon BE. Complex Medicare Advantage choices may overwhelm seniors --- especially those with impaired decision making. *Health Aff (Millwood)* 2011;30:1786-94.
  15. Ayanian JZ, Meara E, **McWilliams JM**. Potential enhancements to data on health insurance, health services, and Medicare in the Health and Retirement Study. *Forum for Health Economics & Policy* 2011;14(3): Article 3.
  16. **McWilliams JM**, Song Z. Implications for ACOs of variations in spending growth. *N Engl J Med* 2012;366(19):e29.
  17. Nishi A, **McWilliams JM**, Noguchi H, Hashimoto H, Tamiya N, Kawachi I. Health benefits from reduced cost sharing in Japan. *Bull World Health Organ* 2012;90(6):426-435A.
  18. **McWilliams JM**, Hsu J, Newhouse JP. New risk-adjustment system was associated with reduced favorable selection in Medicare Advantage. *Health Aff* 2012;31(12):2630-40.

19. Newhouse JP, Price M, Huang J, **McWilliams JM**, Hsu J. Steps to reduce favorable risk selection in Medicare Advantage largely succeeded, boding well for health insurance exchanges. *Health Aff* 2012;31(12):2618-28.
20. **McWilliams JM**, Chernew ME, Zaslavsky AM, Landon BE. Post-acute care and ACOs – who will be accountable? *Health Serv Res* 2013;48(4):1526-38.
21. Chua KP, Schuster MA, **McWilliams JM**. Differences in health care access and utilization between older adolescents and young adults with asthma. *Pediatrics* 2013;131(5):892-901.
22. Kuye I, Frank R, **McWilliams JM**. Cognition and take-up of subsidized drug benefits by Medicare beneficiaries. *JAMA Intern Med* 2013;173(12):1100-07.
  - Margolis K. Supporting high-value Part D Medicare choices for low-income beneficiaries. Comment on “Cognition and take-up of subsidized drug benefits by Medicare beneficiaries.” *JAMA Intern Med* 2013;173(12):1107-1108.
23. **McWilliams JM**, Chernew ME, Zaslavsky AM, Hamed P, Landon BE. Delivery system integration and health care spending and quality for Medicare beneficiaries. *JAMA Intern Med* 2013;173(15):1447-56.
  - Epstein AM. Promoting delivery system integration to foster higher value care. Slow progress ahead. *JAMA Intern Med* 2013;173(15):1456-57.
24. **McWilliams JM**, Landon BE, Chernew ME. Changes in health care spending and quality for Medicare beneficiaries associated with a commercial ACO contract. *JAMA* 2013;310(8):829-36.
  - Brown J. Spending and quality of care for Medicare beneficiaries in Massachusetts. *JAMA* 2013;310(24):2674-75; reply in *JAMA* 2013;310(24):2675-6.
25. Elshaug AG, **McWilliams JM**, Landon BE. The value of low-value lists. *JAMA* 2013;309(8):775-6.
26. **McWilliams JM**. Information transparency for health care consumers: clear, but effective? *J Gen Intern Med* 2013; 28(11):1387-8.
27. Newhouse JP, **McWilliams JM**, Price M, Huang J, Fireman B, Hsu J. Do Medicare Advantage plans select enrollees in higher margin clinical categories? *J Health Econ* 2013; 32(6):1278-88.
  - Corrigendum in *J Health Econ* 2014 Mar;34:144. (corrected captions for Figs 1 and 2).
28. **McWilliams JM**, Chernew ME, Dalton JB, Bruce BE. Outpatient care patterns and organizational accountability in Medicare. *JAMA Intern Med* 2014;174(6):938-45.
  - Ginsburg PB. Accountable care organizations 2.0. Linking beneficiaries. *JAMA Intern Med* 2014;174(6):945-46.
29. Schwartz AL, Landon BE, Elshaug AG, Chernew ME, **McWilliams JM**. Measuring low-value care in Medicare. *JAMA Intern Med* 2014;174(7):1067-76.
  - Katz MH, Grady D, Redberg RF. Developing methods for less is more. *JAMA Intern Med* 2014;174(7):1076.

30. Anderson R, Ayanian JZ, Zaslavsky AM, **McWilliams JM**. Quality of care and racial disparities in Medicare among potential ACOs. *J Gen Intern Med* 2014;29(9):1296-304.
- Rhoads KF. Capsule commentary on Anderson et al., quality of care and racial disparities in Medicare among potential ACOs. *J Gen Intern Med* 2014;29(9):1273.
31. Fabreau GE, Leung AA, Southern DA, Knudtson ML, **McWilliams JM**, Ayanian JZ, Ghali WA. Sex, socioeconomic status, access to cardiac catheterization and outcomes for acute coronary syndromes in the context of universal healthcare coverage. *Circ Cardiovasc Qual Outcomes* 2014;7(4):540-9.
32. **McWilliams JM**. Accountable Care Organizations: A challenging opportunity for primary care to demonstrate its value. *J Gen Intern Med* 2014; 29(6):830-1.
33. **McWilliams JM**, Landon BE, Chernew ME, Zaslavsky AM. Changes in patient experiences in Medicare Accountable Care Organizations. *N Engl J Med* 2014;371:1715-24.
- Casalino LP. Accountable care organizations — the risk of failure and the risks of success. *N Engl J Med* 2014;371:1750-51.
  - Selected as a finalist for the Annual Health Care Research Award by the National Institute for Health Care Management Foundation in 2015.
34. **McWilliams JM**. ACO payment models and the path to accountability. *J Gen Intern Med* 2014; 29(10):1328-30.
35. **McWilliams JM**, Dalton JB, Landrum MB, Frakt AB, Pizer SD, Keating NL. Geographic variation in cancer-related imaging: Veterans Affairs health care system versus Medicare. *Ann Intern Med* 2014; 161(14):794-802.
- Dinan MA, Schulman KA. Exploring variation in care: alternative conceptual models. *Ann Intern Med* 2014;161(14):835-36.
36. Jena AB, Stevens W, **McWilliams JM**. Turning evidence into practice under payment reform: the new frontier of translational science. *J Gen Intern Med* 2014;29(11):1542-45.
37. Neprash HT, Wallace J, Chernew ME, **McWilliams JM**. Measuring prices in health care markets using commercial claims data. *Health Serv Res* 2015; 50(6):2037-47.
38. Newhouse JP, Price M, **McWilliams JM**, Hsu J, McGuire TG. How much favorable selection is left in Medicare Advantage? *Am J Health Econ* 2015;1(1):1-26.
39. Douven R, McGuire TG, **McWilliams JM**. Avoiding unintended incentives in ACO payment models. *Health Aff (Millwood)* 2015;34(1):143-9.
40. **McWilliams JM**, Chernew ME, Landon BE, Schwartz AL. Performance differences in year 1 of Pioneer Accountable Care Organizations. *N Engl J Med* 2015;372(20):1927-36.
- Weeks WB, Greene RA, Weinstein JN. Performance in year 1 of Pioneer accountable care organizations. *N Engl J Med* 2015;373(8):777; reply in *N Engl J Med* 2015;373(8):777.
41. Song Z, Wallace J, Neprash HT, McKellar MR, Chernew ME, **McWilliams JM**. Medicare fee cuts and cardiologist-hospital integration. *JAMA Intern Med* 2015;175(7):1229-31.

- Brindis RG, Sherman ME. Medicare fee cuts and hospital- vs office-based cardiovascular imaging services. *JAMA Intern Med* 2015;175(7):1231-32.
42. Schwartz AL, Chernew ME, Landon BE, **McWilliams JM**. Changes in low-value services in year 1 of the Medicare Pioneer ACO program. *JAMA Intern Med* 2015;175(11):1815-25.
    - Milstein A. Precision health care efficiency via accountable care organizations. *JAMA Intern Med* 2015;175(11):1825-27.
    - Saver BG. Discretionary interpretations of accountable care organization data. *JAMA Intern Med* 2016;176(3):411-12; reply in *JAMA Intern Med* 2016;176(3):412.
  43. Chua KP, Neuman MI, **McWilliams JM**,\* Aronson PL\*. Association between clinical outcomes and hospital guidelines for cerebrospinal fluid testing in febrile infants aged 29-56 days. *J Pediatr* 2015;167(6):1340-6.
  44. Barnett ML, Hsu J, **McWilliams JM**. Patient characteristics and differences in hospital readmission rates. *JAMA Intern Med* 2015;175(11):1803-12.
    - van Walraven C. The utility of unplanned early hospital readmissions as a health care quality indicator. *JAMA Intern Med* 2015;175(11):1812-14.
  45. Neprash HT, Chernew ME, Gibson T, **McWilliams JM**. Association of financial integration between physicians and hospitals with commercial health care prices. *JAMA Intern Med* 2015; 175(12):1932-39.
    - Reschovsky JD, Rich E. Hospital acquisition of physician groups. On the road to value-based care or higher-priced care? *JAMA Intern Med* 2015; 175(12):1939-41.
  46. Rose S, Zaslavsky AM, **McWilliams JM**. Variation in accountable care organization spending and sensitivity to risk adjustment: implications for benchmarking. *Health Aff (Millwood)* 2016;35(3):440-8.
  47. **McWilliams JM**. Cost containment and the tale of care coordination. *N Engl J Med* 2016; 375(23):2218-20.
  48. Busch AB, Huskamp HA, **McWilliams JM**. Early efforts by Medicare accountable care organizations have limited effect on mental illness care and management. *Health Aff (Millwood)* 2016;35(7):1247-56.
  49. **McWilliams JM**, Hatfield LA, Chernew ME, Landon BE, Schwartz AL. Early performance of accountable care organizations in Medicare. *N Engl J Med* 2016;374(24):2357-2366.
    - Selected as a finalist for the Annual Health Care Research Award by the National Institute for Health Care Management Foundation in 2017.
  50. **McWilliams JM**. Changes in Medicare Shared Savings Program savings from 2013 to 2014. *JAMA* 2016;316(16):1711-13.
  51. **McWilliams JM**. Savings from ACOs—building on early success. *Ann Intern Med* 2016;165(12):873-875.



52. Schwartz AL, Zaslavsky AM, Landon BE, Chernew ME, **McWilliams JM**. Low-value service use in provider organizations. *Health Serv Res* 2016; (published online ahead of print).
53. **McWilliams JM**, Gilstrap LG, Stevenson DG, Chernew ME, Huskamp HA, Grabowski DC. Changes in post-acute care in the Medicare Shared Savings Program. *JAMA Intern Med* 2017;177(4):518-526.
  - Colla CH, Fisher ES. Moving forward with accountable care organizations: some answers, more questions. *JAMA Intern Med* 2017;177(4):527-8.
54. Roberts ET, Chernew ME, **McWilliams JM**. Market share matters: evidence of insurer and provider bargaining over prices. *Health Aff (Millwood)* 2017;36:141-148.
  - Dyckman Z. Insurer and Provider Market Share. *Health Aff (Millwood)* 2017 May 1;36(5):961; reply in *Health Aff (Millwood)* 2017;36(5):961.
  - Selected by the Health Affairs' Editor-in-chief as 1 of the 10 most noteworthy articles of 2017
55. Neprash HT, Chernew ME, **McWilliams JM**. Little evidence to support the expectation that providers would consolidate to enter new payment models. *Health Aff (Millwood)* 2017;36(2):346-354.
56. **McWilliams JM**, Schwartz AL. Focusing on high-cost patients: the key to addressing high costs? *N Engl J Med* 2017;376(9):807-809.
57. Roberts ET, Mehrotra A, **McWilliams JM**. High-priced and low-priced physician practices do not differ significantly on care quality or efficiency. *Health Aff (Millwood)* 2017;36(5):855-864.
58. Ganguli I, Souza J, **McWilliams JM**, Mehrotra A. Trends in use of the U.S. Medicare Annual Wellness Visit, 2011-2014. *JAMA* 2017;317(21):2233-2235.
59. **McWilliams JM**. MACRA: Big fix or big problem. *Ann Intern Med* 2017; 167(2):122-124.
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60. **McWilliams JM**, Najafzadeh M, Shrank WH, Polinski JM. Association of changes in medication use and adherence with accountable care organization exposure in patients with cardiovascular disease or diabetes. *JAMA Cardiol* 2017;2(9):1019-1023.
  - Borden WB. Improving care in an accountable care organization. So many choices, so little time. *JAMA Cardiol* 2017;2(9):1023-1024.
61. Busch AB, Huskamp HA, Kreider AR, **McWilliams JM**. Medicare accountable care organizations and antidepressant use in patients with depression. *Psychiatr Serv* 2017;68(11):1193-1196.
62. Ali N, **McWilliams JM**, Epstein SK, Smulowitz PB. Emergency department involvement in accountable care organizations in Massachusetts: a survey study. *Ann Emergency Med* 2017;70(5):615-620.
63. **McWilliams JM**, Chernew ME, Landon BE. Medicare ACO program savings not tied to preventable hospitalizations or concentrated among high-risk patients. *Health Aff (Millwood)* 2017;36(12):2085-2093.

64. Roberts ET, Zaslavsky AM, **McWilliams JM**. The Value-Based Payment Modifier: program outcomes and implications for disparities. *Ann Intern Med* 2018;168(4):255-265.
  - Frakt AB, Jha AK. Face the facts: we need to change the way we do pay for performance. *Ann Intern Med* 2018;168(4):291-292.
  - Winner of the AcademyHealth Article-of-the-Year Award in 2018
65. Keating NL, Huskamp HA, Schrag D, **McWilliams JM**, McNeil BJ, Landon BE, Chernew ME, Normand SLT. Diffusion of bevacizumab across oncology practices: an observational study. *Med Care* 2018;56(1):69-77.
66. Roberts ET, **McWilliams JM**, Hatfield LA, Gerovich Sule, Chernew ME, Gilstrap LG, Mehrotra A. Changes in health care use associated with the introduction of hospital global budgets in Maryland. *JAMA Intern Med* 2018;178(2):260-268.
67. Desai S, **McWilliams JM**. Consequences of the 340B drug pricing program. *N Engl J Med* 2018;378(6):539-548.
  - Ross SL, Li BD. To the editor. *N Engl J Med* 2018;378:2053; Bhatt J, Orlowski JM. To the editor. *N Engl J Med* 2018;378:2053; Response in *N Engl J Med* 2018;378:2053-2054.
68. Ganguli I, Souza J, **McWilliams JM**, Mehrotra A. Practices caring for the underserved are less likely to adopt Medicare's annual wellness visit. *Health Aff (Millwood)* 2018;37(2):283-291.
69. Roberts ET, Hatfield LA, **McWilliams JM**, Chernew ME, Done N, Gerovich S, Gilstrap L, Mehrotra A. Changes in hospital utilization three years into Maryland's global budget program for rural hospitals. *Health Aff (Millwood)* 2018;37(4):644-653.
70. Barnett ML, **McWilliams JM**. Changes in specialty care use and leakage in Medicare accountable care organizations. *Am J Manag Care* 2018;24(5):e141-e149.
71. Newhouse JP, Landrum MB, Price M, **McWilliams JM**, Hsu J, McGuire TG. The comparative advantage of Medicare Advantage. *Am J Health Econ* 2018 (E-pub in advance)
72. **McWilliams JM**, Chernew ME, Landon BE, Hatfield LA, Hamed P. Medicare spending after 3 years of the Medicare Shared Savings Program. *N Engl J Med* 2018;379:1139-1149.
73. McDowell A, Nguyen CA, Chernew ME, **McWilliams JM**, Landon BE, Landrum MB. Comparison of approaches for aggregating quality measures in population-based payment models. *Health Serv Res* 2018;53(6):4477-4490.
74. Roberts ET, Zaslavsky AM, Barnett ML, Landon BE, Ding L, **McWilliams JM**. Assessment of the effect of adjustment for patient characteristics on hospital readmission rates: implications for pay-for-performance. *JAMA Intern Med* 2018;178(11):1498-1507.
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75. Gilstrap LG, Huskamp HA, Stevenson DG, Chernew ME, Grabowski DC, **McWilliams JM**. Changes in end-of-life care in the Medicare Shared Savings Program. *Health Aff (Millwood)* 2018; 37(10):1693-1700.

76. Schwartz AL, Jena AB, Zaslavsky AM, **McWilliams JM**. Analysis of physician variation in provision of low-value services. *JAMA Intern Med* 2019;179(1):16-25.
- Korenstein D. Medical overuse as a cognitive error. *JAMA Intern Med* 2019;179(1):26-27.
77. Barnett ML, Wilcock A, **McWilliams JM**, Epstein AM, Joynt Maddox KE, Orav EJ, Grabowski DC, Mehrotra A. Two-year evaluation of mandatory bundled payments for joint replacement. *N Engl J Med* 2019; 380(3):252-262.
78. Newhouse JP, **McWilliams JM**, Hsu J, Landon BE. Mortality rates in traditional Medicare and Medicare Advantage. (forthcoming)
79. Neprash HT, **McWilliams JM**. Provider consolidation and potential efficiency gains: a review of theory and evidence. *Antitrust Law Journal* 2019;(forthcoming)
80. Rathi VK, **McWilliams JM**. First year report cards from the MIPS—what will we learn and what next? (under review)
81. Nguyen CA, Gilstrap LG, Chernew ME, **McWilliams JM**, Landon BE, Landrum MB. Social Risk Adjustment of Quality Measures for Diabetes and Cardiovascular Disease in a Commercially-Insured Population. *JAMA Open*; (forthcoming)
82. **McWilliams JM**, Barnett ML, Roberts ET, Hamed P, Mehrotra A. Reductions in readmissions expected from declining admissions from 2009-2014. (under review)
83. **McWilliams JM**, Landon BE, Rathi VK, Chernew ME. Getting more savings from ACOs: Can the Pace be Pushed? (under review)
84. Trombley M, Fout B, Brodsky S, **McWilliams JM**, Nyweide D, Morefield B. Early impacts of an ACO model targeting rural and underserved areas. (under review)
85. Graves JA, Hatfield LA, Blot WJ, Keating NL, **McWilliams JM**. Medicaid expansion and health changes for safety net patients in the South. (under review)
86. Desai S, **McWilliams JM**. Association between participation in the 340B Drug Pricing Program and changes in hospital-reported uncompensated care. (under review)
87. Beaulieu ND, Dafny LS, Landon BE, Dalton JB, Kuye I, **McWilliams JM**. Changes in quality of care after hospital mergers and acquisitions. (under review)
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\*Shared senior authorship

#### **Non-peer reviewed scientific or medical publications/material in print or other media**

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