

Curriculum Vitae

Date Prepared: January 24, 2020

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Education

2005	B.S., <i>Magna Cum Laude</i>	Molecular Biophysics and Biochemistry	Yale University, New Haven, CT
2006	M.M.	Oboe Performance	Yale School of Music, New Haven, CT
2011	M.D., <i>Magna Cum Laude</i>	Medicine	Harvard Medical School (HMS), Boston, MA
2016	M.S.	Health Policy and Management	Harvard T. H. Chan School of Public Health (HSPH), Boston, MA

Postdoctoral Training

6/2011-7/2012	Intern	Internal Medicine and Primary Care	Brigham and Women's Hospital (BWH), Boston, MA
7/2012-7/2014	Resident	Internal Medicine and Primary Care, Management Leadership Track	BWH
7/2014-6/2016	Research Fellow	Internal Medicine	BWH/HMS

Faculty Academic Appointments

7/2016-	Assistant Professor	Health Policy and Management	HSPH
7/2016-1/2019	Instructor	Medicine	HMS
2/2019-	Assistant Professor		

Appointments at Hospitals/Affiliated Institutions

7/2014-	Associate Physician	General Medicine	BWH
7/2014-	Associate Physician	General Medicine	Brigham and Women's Faulkner Hospital (BWFH), Boston, MA

Other Professional Positions

2010-2017	Medical Advisor	Ginger.io, San Francisco, CA
2012-2013	<i>Ad Hoc</i> Consultant	Kyruus Inc., Boston, MA
2016-	Associate Faculty Member	Ariadne Labs, Boston, MA

Committee Service

Local

2009-2010	Patient-Doctor III Steering Committee, Member	HMS
2010-2011	Subcommittee of Scholars in Medicine Curriculum, Member	HMS
2010-2011	Crimson Care Collaborative Research/Outcomes Committee, Chair	HMS
2012-2013	Timed Lab Improvement Committee, Member	BWH
2013-2014	Internal Medicine Residency Information Technology committee, Member	BWH
2013-2014	Pharmacy and Therapeutics Committee, Member	BWH
2013-2014	Clinical Improvement Committee, Member	BWH
2017-	Health Policy and Management MPH Admissions Committee	HSPH

Regional

2017-	Member, Coalition for the Prevention of Medical Errors	Massachusetts Coalition for the Prevention of Medical Errors
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National

2018-	Member, Medication Management and Opioids Change Package Review Group	Center for Medicare and Medicaid Services
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Professional Societies

2010-	Society of General Internal Medicine (SGIM)	
2015-		Reviewer, Abstract Selection Committee
2010-	AcademyHealth	
2018-		Theme Reviewer, Payment and Delivery Systems Innovation
2013-	American Medical Association (AMA)	

Grant Review Activities

2017-	Responsive Research Grant Program	Retirement Research Foundation
2017-		<i>Ad Hoc</i> Reviewer
2018-	Individual Research Grant Program	Israel Science Foundation
2018-		<i>Ad Hoc</i> Reviewer

Editorial Activities

***Ad hoc* Reviewer**

Addiction
American Journal of Epidemiology
Annals of Family Medicine
Annals of Internal Medicine
American Sociological Review
British Medical Journal
BMJ Quality and Safety
Health Affairs
Health Services Research
JAMA
JAMA Internal Medicine
JAMA Network Open
JAMA Psychiatry
Journal of General Internal Medicine
Journal of Health Economics
Journal of Patient Safety
Journal of Telemedicine and Telecare
Nature Human Behavior
New England Journal of Medicine
Pediatrics
Psychiatric Services
Social Science & Medicine

Other Editorial Roles

2013-2015	Assistant Editor	Healthcare: The Journal of Delivery Science and Innovation
2015-	Associate Editor	

Honors and Prizes

2005	Phi Beta Kappa	Yale University	
2005	Bach Society Prize	Yale University	Outstanding accomplishments in the performing arts at Yale
2009	2 nd Prize Essay Contest	Arnold P. Gold Foundation	
2010	Doris Duke Foundation Clinical Research Fellowship	Doris Duke Foundation	
2011	Soma Weiss Award	HMS	For excellence in research
2011	Daniel Ford Research Award	Johns Hopkins Division of General Internal Medicine	
2012	Martin P. Solomon Primary Care Scholarship Award	BWH	

2017	Milton W. Hamolsky Jr. Award Winner	Society for General Internal Medicine	For outstanding abstract presentation
2017	Best of Annual Research Meeting Abstract	AcademyHealth	Best abstract in “Behavioral Health” theme
2018	Best Published Research Paper of 2017	Society for General Internal Medicine	
2018-19	Outstanding Peer Reviewer	Annals of Internal Medicine	
2019	Finalist, 25 th Annual Health Care Research Award	National Institute for Health Care Management Foundation	
2019	Best of Annual Research Meeting Poster	AcademyHealth	Best poster in “Improving Quality, Safety and Value” theme
2019	Best of Annual Research Meeting Abstract	AcademyHealth	Best abstract in “Behavioral Health” theme
2019	AcademyHealth Publication-of-the-Year Award	AcademyHealth	
2019	Best of 2019	Annals of Internal Medicine	One of 10 papers selected by editor-in-chief as “the best of <i>Annals</i> in the past year”

Report of Funded and Unfunded Projects

Funding Information

Past

2014-2015	The impact of payment reform on physician referrals, patient flows and health care costs National Institute for Health Care Management [Investigator-Initiated Research Grant] Lead Author and Co-Investigator (PI: Bruce Landon)
2017	Evaluating the Blue Shield of California Narcotic Safety Initiative Jointly funded by the California Health Care Foundation and Blue Shield of California PI (\$80,000) [Investigator-Initiated Grant] An evaluation of a set of formulary changes to promote safe narcotic prescribing in on of California’s largest insurers
2016-2018	Evaluating the Los Angeles Department of Health Services eConsult Program Jointly funded by the California Health Care Foundation and Blue Shield Foundation of California Co-PI (\$125,000) (Other PI: Ateev Mehrotra) [Investigator-Initiated Grant] A two-year evaluation of the impact of the eConsult program in the Los Angeles Department of Health Services, the second largest public health system in the US.

Current

2018-2020	Evaluating the NYC Health + Hospitals eConsult Program NYC Health + Hospitals
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PI (\$85,000) [Investigator-Initiated Grant]

A one-year evaluation of the impact of the eConsult program in New York City's Health + Hospitals, the largest public health system in the US.

- 2018-2022 The Changing Landscape of Post-Acute Care and Health Outcomes for Older Adults
K23 – National Institute on Aging
PI (\$190,000)
This training grant proposes integrated training and research to understand how payment reform influences post-acute care and health outcomes for older adults.
- 2018-2020 Improving Specialty Care Delivery in the Safety Net with Natural Language Processing
R21 – National Institute on Minority Health and Disparities
Multi-PI (\$130,000) (Co-PI: Timothy Miller, Boston Children's Hospital)
In collaboration with safety net systems in Los Angeles, San Francisco and New York City, this proposal aims to enhance delivery of specialty care delivery in safety net health systems by developing natural language processing tools to provide feedback on the specialty being delivered in a health system.
- 2019-2010 Evidence-based Approaches to Opioid Epidemic Abatement
Laura and John Arnold Foundation
Co-Investigator (\$400,000) (PI: Richard Frank)
This project is a multi-institute collaboration to review the existing literature on delivery reforms for opioid use disorder and recommended the highest value potential investments for opioid abatement funds from opioid manufacturer lawsuits.
- 2019-2024 Use of prescription opioids and associated adverse patient outcomes following general medical hospitalizations in Medicare
R01 – Agency for Healthcare Research and Quality
Co-Investigator (\$375,000) (PI: Anupam Jena)
This proposal aims to examine the factors influencing opioid prescribing at hospital discharge and its relationship to long-term opioid use and patient outcomes
- 2020-2022 Understanding the Use and Discontinuation of Chronic Opioid Therapy in Older Adults to Guide Opioid Prescribing Policy
Research Grant – Retirement Research Foundation
Principal Investigator (\$100,000)
This grant proposes to study current trends in chronic opioid therapy in older adults, patterns of discontinuation and tapering of chronic opioid therapy and patient outcomes tied to discontinuation.

Projects Submitted for Funding

- Pending Use of prescription opioids following surgery and associated adverse patient outcomes in older adults
R01 – National Institute on Aging
Co-Investigator (\$400,000) (PI: Anupam Jena)
This proposal aims to examine the factors influencing opioid prescribing at after surgery and its relationship to long-term opioid use and patient outcomes

Report of Local Teaching and Training

Teaching of Students in Courses

HMS/HSDM/DMS Courses

2015	Health Care Policy, HC750.0 1 st year medical students	HMS 8 separate 2-hour tutorial sessions
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Other Harvard University Courses

2018-	HPM 505, Health Care Delivery Reform in the US MPH and other Master's Degree students	HSPH 2.5 credit course, 16 weeks with 3 hours of class weekly
2018	GHP 555, Management Practices in Health Care Delivery Master's level students from in health leadership positions globally	HSPH 1.5-hour guest lecture and discussion

Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)

2012	Pulmonary function tests for the internist	BWH 1.5 hour lecture
2013	Intern curriculum: various clinical topics including chest pain, electrolytes and altered mental status	BWH 3 separate 1 hour discussion sections
2013	Musculoskeletal medicine for primary care: the ankle	BWH 0.5 hour lecture
2013	Morning reports: various clinical topics including endocarditis, hypercalcemia, and ARDS	BWH 3 separate 1 hour lectures
2014	The medical neighborhood: how to make care coordination a reality	BWH 1 hour lecture
2015	Clinical epidemiology: quasi-experimental methods	BWH 1 hour lecture
2017	IM Residency Management Leadership Track Lecture: Understanding physician prescribing of opioids	BWH 1 hour lecture
2016-2018	Journal Club for primary care residents	BWH 1 hour lecture
2019	Noon Conference Lecture: The role of physicians in the opioid crisis	BWH 1 hour lecture

Clinical Supervisory and Training Responsibilities

2011-2014	Internal medicine resident, BWH	30 weeks a year
2016-	Primary care clinical preceptor, BWH	8-16 hours monthly

Laboratory and Other Research Supervisory and Training Responsibilities

2010-2013	Non-resident pre-medical tutor, Cabot House, Harvard University	Regular mentorship for 6 months
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Informally Supervised Trainees and Faculty:

- 2017-2018 Scott Olesen, PhD / Scientific Director at OpenBiome. Career stage: post-doctoral fellow at HSPH. Accomplishments: Two first-author peer-reviewed manuscripts in BMJ and eLife describing antibiotic use in the US and association with antibiotic resistance.
- 2017-2019 Adrian Mosqueira, MA / Graduate student at Harvard University. Mentored on first-author paper examining physician compensation and association with quality of care. Accepted at Inquiry.
- 2017-Present Tamara Beetham, BA / Master's student at HSPH. Mentored on first-author paper on appointment acceptance and wait time for addiction treatment. Accepted at Annals of Internal Medicine and winner of Best of ARM abstract award from AcademyHealth.
- 2017-Present Sumit Agarwal, MD / General internal medicine fellow, HMS and BWH. Mentored on two first-author papers on new primary billing codes in Medicare. One published in JAMA, second currently under review.

Formal Teaching of Peers

No presentations below were sponsored by outside entities.

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| 2017-2018 | "Update in Health Policy"
Office Practice of Primary Care Medicine, HMS | Single Presentation,
Boston, MA |
| 2018 | "Understanding Physician Opioid Prescribing",
Treating Addictions Annual CME Course, HMS and
Cambridge Health Alliance | Single Presentation,
Cambridge, MA |

Local Invited Presentations

No presentations below were sponsored by outside entities.

- 2014 Ginger.io: Improving chronic disease management with mobile technology/Invited lecture
BWH Center for Patient Safety Research and Practice, Executive Council Meeting, Boston, MA
- 2017 Specialty Care in the Safety Net/Grand Rounds
Cambridge Health Alliance, Cambridge, MA
- 2017 Understanding Physician Opioid Prescribing/Grand Rounds
Center for Addiction Medicine, Massachusetts General Hospital (MGH), Boston, MA
- 2018 Opioid Prescribing and the Opioid Crisis in the US/Invited lecture
Harvard Kennedy School Healthcare Policy Leadership Conference, Cambridge, MA
- 2019 Understanding Health Care Delivery in the US
Harvard Advanced Leadership Institute, Cambridge, MA
- 2019 Bundled Payments for Joint Replacement/Grand Rounds
Brigham and Women's Faulkner Hospital
- 2019 Opioid Prescribing and the Opioid Crisis in the US/Invited seminar
Beth Israel Deaconess Medical Center (BIDMC), Smith Center for Outcomes Research, Boston, MA

Local Abstract Oral Presentations

- 2011 Physician networks are associated with the cost of intensity of care in US hospitals
Soma Weiss Research Day, HMS

Report of Regional, National and International Invited Teaching and Presentations

Invited Presentations and Courses

No presentations below were sponsored by outside entities.

Regional

- 2011 Mapping physician networks and healthcare delivery in US hospitals/Invited oral presentation
Social Networks and Healthcare Summit 2011, Cambridge, MA
- 2011 Creativity in music and medicine/Invited lecture
Cultivating Humanism: A Symposium on Medicine and the Arts, Massachusetts Medical Society, Cambridge, MA
- 2011 Mapping physician networks with self-reported and administrative data/Invited oral presentation
SGIM New England Regional Conference, Boston, MA
- 2012 Mapping physician networks and healthcare delivery in US hospitals/Invited lecture
RAND Corporation, Boston, MA
- 2015 Validating the Master Patient Index in the Massachusetts All Payer Claims Database/Invited lecture
Center for Health Information and Analysis, Boston, MA
- 2015 Implementation of an electronic referral system in a large academic medical center/Plenary Session
SGIM New England Regional Conference, Boston, MA
- 2017 Day of the Week and Physician Decision Making/Invited oral presentation
SGIM New England Regional Conference, Boston, MA
- 2017 Understanding Physician Opioid Prescribing/Grand Rounds
MetroWest Medical Center, Framingham, MA
- 2018 Insurance turnover, care fragmentation and emergency department utilization in Massachusetts/Invited Guest Lecture
Massachusetts Department of Public Health, Boston, MA
- 2018 Implementing eConsult in the Safety Net: What is the Frontline Impact?/Invited lecture
New York City Health + Hospitals Office of Population Health, New York City, NY
- 2019 Opioid Prescribing and the Opioid Crisis in the US/Invited seminar
Department of Quantitative Health Sciences, University of Massachusetts Medical School (UMMS)

National

- 2010 Physicians networks are associated with the cost and intensity of care in US hospitals/Invited oral presentation
NetSci 2010, Cambridge, MA
- 2011 Mapping physician networks with self-reported and administrative data/Invited oral presentation

- SGIM Annual Conference, Phoenix, AZ
- 2011 Research models and quality assessment in student clinics/Invited oral presentation
Society for Free Student-Run Clinics Annual Conference, Houston, TX
- 2014 Understanding variation in PCP referral patterns in a large multispecialty practice group/Invited oral presentation
SGIM Annual Conference, San Diego, CA
- 2015 Insurance turnover, care fragmentation and emergency department utilization in Massachusetts, 2011-2012/Invited oral presentation
SGIM Annual Conference, Toronto, ON
- 2015 Insurance turnover care fragmentation and emergency department utilization in Massachusetts, 2011-2012/Invited oral presentation
AcademyHealth Annual Research Meeting, Minneapolis, MN
- 2015 Contributions of patients' clinical and social characteristics to difference in hospital readmission rates/Invited oral presentation
AcademyHealth Annual Research Meeting, Minneapolis, MN
- 2017 Los Angeles Safety-Net Program eConsult System was rapidly adopted and decreased wait times to see specialists/ Invited oral presentation
Health Affairs Delivery System Innovation Issue Press Briefing, Washington DC
- 2017 Widespread adoption of electronic specialty referrals in a large safety-net system enables rapid access to specialty care/Invited oral presentation
SGIM Annual Conference, Washington, DC
- 2017 Patient mortality during unannounced accreditation surveys at US hospitals/Invited oral presentation
AcademyHealth Annual Research Meeting, New Orleans, LA
- 2017 Day of the Week and Physician Decision Making/Invited oral presentation
AcademyHealth Annual Research Meeting, New Orleans, LA
- 2017 Emergency physician opioid prescribing patterns and risk of long-term use/Invited lecture
Collaborative for Effective Prescription Opioid Policies (CEPOP) Steering Committee Meeting, Washington, DC
- 2018 A California Health Plan's Opioid Formulary Change Led to a Reduction in Initiation of Extended-Release Opioids/Invited oral presentation
SGIM Annual Conference, Denver, CO
- 2018 Diffusion of telemedicine in a large commercially insured population/Invited oral presentation
SGIM Annual Conference, Denver, CO
- 2018 A California Health Plan's Opioid Formulary Change Led to a Reduction in Initiation of Extended-Release Opioids /Invited oral presentation
AcademyHealth Annual Research Meeting, Seattle, WA
- 2018 Diffusion of telemedicine in a large commercially insured population/Invited oral presentation
AcademyHealth Annual Research Meeting, Seattle, WA
- 2019 Are Safety Net and Smaller Hospitals Being Left Behind Under New Payment Models? Impact of Medicare's Mandatory Bundled Payment Program Across Different Hospital Groups /Invited oral presentation
SGIM Annual Conference, Washington, DC
- 2019 Appointment Timing and Opioid Prescribing/Invited oral presentation
SGIM Annual Conference, Washington, DC

- 2019 An Audit Survey of Access to Office-Based Buprenorphine Treatment in States with High Rates of Opioid-Related Mortality/Invited oral presentation
SGIM Annual Conference, Washington, DC
- 2019 Expanding Supply of Medication Assisted Treatment to Underserved Areas: Buprenorphine Waivers for Advanced Practice Providers/Invited oral presentation
SGIM Annual Conference, Washington, DC
- 2019 Two-Year Evaluation of Mandatory Bundled Payments for Joint Replacement in Medicare/Invited oral presentation
AcademyHealth Annual Research Meeting, Washington, DC
- 2019 Two-Year Evaluation of Mandatory Bundled Payments for Joint Replacement in Medicare/Invited oral presentation
Conference of the American Society of Health Economists, Washington, DC
- 2019 Opioid Prescribing and the Opioid Crisis in the US/Invited presentation
Opioids: Policy to Practice, Ypsilanti, MI
- 2019 An Audit Survey of Access to Office-Based Buprenorphine Treatment in States with High Rates of Opioid-Related Mortality/Invited oral presentation
Collaborative for Effective Prescription Opioid Policies (CEPOP) Steering Committee Meeting, Washington, DC
- 2019 Case Study: Use Case Applications of Data in Value-Based Care Programs/Invited panelist
AcademyHealth Health Data Leadership Initiative Meeting, Washington, DC
- 2019 Adoption of Buprenorphine Waivers by Advanced Practice Providers Highest in Rural Areas with Expanded Scope of Practice/ Invited oral presentation
Health Affairs Rural Health Issue Press Briefing, Washington DC
- 2019 Trends and Natural Experiments in Fragmentation of Care in the US/ Invited Grand Rounds
Center for Medicare and Medicare Innovation, Washington DC

Report of Clinical Activities and Innovations

Current Licensure and Certification

- 2013 Massachusetts Medical License
- 2014 Board Certified in Internal Medicine, American Board of Internal Medicine

Practice Activities

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| 2011- | Ambulatory Primary Care | Brigham and Women's Advanced Primary Care Associates, South Huntington, Boston, MA | 2 sessions per week |
| 2014- | Hospitalist | BWFH | 1-2 sessions per month |

Clinical Innovations

- Creating a medical neighborhood at BWH (2012-2014) Part of a team at BWH Physicians Organization creating an integrated system for primary and specialty care collaboration, starting with surveys to identify gaps in communication and leakage, followed by development of integrated electronic referral system. Primary role included survey design

<p>Integration of a community health worker into a patient-centered medical home, BWH (2013-2014)</p>	<p>and implementation, metric development, evaluation strategy, and grant and manuscript writing.</p> <p>Part of a team at Advanced Primary Care Associates, South Huntington running a pilot program to integrate a community health worker into our clinical team to improve engagement and decrease avoidable health care utilization for the practice's most complex patients. Primary roles include data analysis, evaluation design and survey implementation.</p>
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Report of Teaching and Education Innovations

<p>Creation of a medical education wiki for the BWH Internal Medicine Residency (2013-2014)</p>	<p>Organized and led a team along with co-resident Kyle Morawski and Narath Carlile to modernize the BWH residency intranet, transitioning the content of our internal handbook and residency learning content to a wiki-powered webpage at partners.brigipedia.org</p>
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Report of Technological and Other Scientific Innovations

<p>US Patent Application #20,130,073,313, filed July 8, 2011</p>	<p>Method of using Physician Social Networks Based on Common Patients to Predict Cost and Intensity of Care in Hospitals</p> <p><i>Developed as primary inventor a new method for assessing physician social networks that was licensed and used by start-up ActivateNetworks (acquired 2015)</i></p>
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Report of Education of Patients and Service to the Community

No presentations below were sponsored by outside entities.

Activities

<p>2008-2013</p>	<p>Community Engagement Committee, Chair, Longwood Symphony Orchestra</p>
<p>2009-2012</p>	<p>Member, Board of Trustees, Longwood Symphony Orchestra</p>
<p>2012-2015</p>	<p>Vice Chair, Board of Trustees, Longwood Symphony Orchestra</p>
<p>2015-</p>	<p>Chair, Board of Trustees, Longwood Symphony Orchestra</p> <p><i>Served as member since 2009 and chair since 2015 for the Longwood Symphony Orchestra, an orchestra of medical professionals in Boston that holds each concert as a benefit for a local underserved non-profit organization.</i></p>
<p>2017-</p>	<p>Examining Physician Prescribing of Opioids, Research Talk for Lay Audience Summer "Hot Topics" Lecture Series, HSPH, Boston, MA</p>

Educational Material for Patients and the Lay Community

Books, monographs, articles and presentations in other media

<p>2017</p>	<p>Long-term opioid addiction can start in the ER</p>	<p>Op-Ed</p>	<p>Los Angeles Times</p>
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2017	When Clinicians Know They're Being Watched, Patients Fare Better	Blog Post	Harvard Business Review
2018	The Link Between August Birthdays and ADHD	Op-Ed	New York Times

Recognition

Selected Media Coverage

2012	Archives manuscript on trends in referral patterns		New York Times, Washington Post, Health Affairs Blog
2013	JAMA manuscript on trends in antibiotics for sore throat		CNN, NPR, Boston Globe
2014	JAMA IM manuscript on trends in antibiotics for bronchitis		LA Times, USA Today, Businessweek
2015	JAMA IM manuscript on patient characteristics and readmission rates		Washington Post, Reuters, Vox.com
2016	BMJ manuscript on adverse outcomes during EHR implementation		POLITICO, STAT, NEJM Journal Watch
2017	NEJM manuscript on opioid prescribing and risk of long term use		NY Times, LA Times, Washington Post, Reuters, Fox News, Time, STAT
2017	JAMA IM manuscript on patient mortality during accreditation surveys		NY Times, Fox News, STAT, Medscape, US News and World Report
2017	JAMA IM manuscript on low-value service use in the safety-net		NY Times, Forbes
2017	JAMA IM manuscript on patient satisfaction in Medicaid		NY Times, Washington Post, NPR, Forbes, CNN
2017	NEJM manuscript on opioid prescribing and policy evaluation		Boston Globe, POLITICO
2018	CNN story on opioid manufacturer payments to physicians and prescribing patterns		CNN
2018	JAMA Psychiatry study on peer comparison letter trial for quetiapine overprescribing		NPR, POLITICO
2018	JAMA study on trends in telemedicine		Reuters, Forbes, POLITICO, Axios
2018	NEJM study on ADHD diagnosis and classroom context		NY Times, Wall Street Journal, Associated Press, NPR, Washington Post, Reuters, CNN, BuzzFeed

2019	NY Times article featuring Health Affairs 2017 and JAMA IM 2018 studies on eConsults	NY Times
2019	Annals of Internal Medicine study on buprenorphine prescribers and wait time	AP, Reuters, HealthDay, WBUR

Report of Scholarship

Peer-Reviewed Scholarship in print or other media

Research investigations

1. Hu D, Lu C, Sapozhnikova A, **Barnett M**, Sparrey C, Miclau T, Marcucio RS. Absence of beta3 integrin accelerates early skeletal repair. *J Orthop Res*. 2010 Jan;28(1):32-37.
2. **Barnett ML**, Landon BE, O'Malley AJ, Keating NL, Christakis NA. Mapping physician networks with self-reported and administrative data. *Health Serv Res*. 2011 Oct 1;46(5):1592-1609.
3. **Barnett, ML**, Keating NL, Christakis NA, O'Malley AJ, Landon BE. Reasons for choice of referral physician among primary care and specialist physicians. *J Gen Intern Med*. 2012 May;27(5):506-512.

Chen AH, Rittenhouse D. The Un-managed System of Medicare Referrals. *J Gen Intern Med*. 2012;27:87-9.
4. **Barnett ML**, Christakis NA, O'Malley AJ, Onnela JP, Keating NL, Landon BE. Physician patient-sharing networks and the cost and intensity of care in US hospitals. *Med Care*. 2012 Feb;50(2):52.
5. **Barnett ML**, Song Z, Landon BE. Trends in physician referrals in the United States, 1999-2009. *Arch Intern Med*. 2012 Jan 23;172(2):63-70.

Katz MH. How can we know so little about physician referrals? *Arch Intern Med*. 2012; 172: 100.
6. Landon BE, Keating NL, **Barnett ML**, Onnela JP, Paul S, O'Malley AJ, Keegan T, Christakis NA. Variation in patient-sharing networks of physicians across the United States. *JAMA*. 2012 Jul 18;308(3):265-273.

Lewis VA, Fisher ES. Social Networks in Health Care: So Much to Learn. *JAMA*. 2012;308:294-6.
7. Landon BE, Onnela JP, Keating NL, **Barnett ML**, Paul S, O'Malley AJ, Keegan T, Christakis NA. Using administrative data to identify naturally occurring networks of physicians. *Med Care*. 2013 Aug;51(8):715-721.
8. **Barnett ML**, Linder JA. Antibiotic prescribing to adults with sore throat in the United States, 1997-2010. *JAMA Intern Med*. 2013;174(1):138-140.
9. **Barnett ML**, Linder JA. Antibiotic prescribing for adults with acute bronchitis in the United States, 1996-2010. *JAMA*. 2014 May 21;311(19):2020-2022.
10. Greenberg JO, **Barnett ML**, Spinks M, Dudley JF. The "medical neighborhood": integrating primary and specialty care for ambulatory patients. *JAMA Intern Med*. 2014;174(3):454-457.
11. Ostrovsky A, **Barnett ML**. Accelerating change: fostering innovation in healthcare delivery at academic medical centers. *Healthc(Amst)*. 2014 Mar 31;2(1):9-13.

12. Berman RA, Elman S, Srivastava PK, Knudsen J, Huppert L, Dempsey K, **Barnett ML**, Powe C, Donelan K. Patient experience of care in a student-faculty collaborative practice. *Patient Experience Journal*. 2014;1(2):20-25.
13. **Barnett ML**, Hsu J, McWilliams JM. Patient characteristics and differences in hospital readmission rates. *JAMA Intern Med*. 2015 Nov 1;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.
14. **Barnett ML**, Mehrotra A, Frolkis JP, Spinks M, Steiger C, Hehir B, Greenberg JO, Singh H. Implementation of an electronic referral system in a large academic medical center. *J Gen Intern Med*. 2016 Mar 1;31(3):343-52.
15. **Barnett ML**, Mehrotra A, Jena AB. Adverse inpatient outcomes during the transition to a new electronic health record system: observational study. *BMJ*. 2016 Jul 28;354:i3835.

Wears RL. When hospitals switch to electronic records. *BMJ*. 2016;354:i3941.
16. **Barnett ML**, Olenski AR, Jena AB. Opioid-prescribing patterns of emergency physicians and risk of long-term use. *N Engl J Med*. 2017 Feb 16;376(7):663-673.

Letters to the Editor: Opioid Prescribing by Emergency Physicians and Risk of Long-Term Use. *N Engl J Med*. 2017;376:1895–1896.

Winner of Society of General Internal Medicine's *Best Published Research Paper of 2017* Award
17. **Barnett ML**, Yee HF, Mehrotra A, Giboney P. Los Angeles Safety-Net Program eConsult System was rapidly adopted and decreased wait times to see specialists. *Health Aff (Millwood)*. 2017 Mar 1;36(3):492-9.

Letter to the Editor: Moore, R. EConsult Implementation Success Depends on Workflow. http://content.healthaffairs.org/content/36/3/492.abstract/reply#healthaff_el_478101 (accessed Oct 9, 2017).

Top 10 Health Affairs Editor's Picks for 2017, January 24, 2018. <https://www.healthaffairs.org/doi/10.1377/hblog20180122.234694/full/>
18. **Barnett ML**, Olenski AR, Jena AB. Patient mortality during unannounced accreditation surveys at US hospitals. *JAMA Intern Med*. 2017 May 1;177(5):693-700.
19. **Barnett ML**, Linder JA, Clark CR, Sommers BD. Low-value medical services in the safety-net population. *JAMA Intern Med*. 2017 Jun 1;177(6):829-37.

Featured in Faculty of 1000: <https://f1000.com/prime/727493960> (Accessed October 9, 2017)
20. **Barnett ML**, Song Z, Rose S, Bitton A, Chernew ME, Landon BE. Insurance transitions and changes in physician and emergency department utilization: An observational study. *J Gen Intern Med*. 2017;32(10):1146-1155.

Dworsky M. Using All-Payer Claims Databases to Study Insurance and Health Care Utilization Dynamics. *J Gen Intern Med*. 2017 Jul 14; DOI:10.1007/s11606-017-4128-5.
21. Ray KN, Martsof GR, Mehrotra A, **Barnett ML**. Trends in Visits to Specialist Physicians Involving Nurse Practitioners and Physician Assistants, 2001 to 2013. *JAMA Intern Med*. 2017;177:1213–1216.

22. Fernández-Gracia J, Onnela J-P, **Barnett ML**, Eguíluz VM, Christakis NA. Influence of a patient transfer network of US inpatient facilities on the incidence of nosocomial infections. *Sci Rep*. 2017;7:2930.
23. **Barnett ML**, Grabowski DC, Mehrotra A. Home-to-Home Time — Measuring What Matters to Patients and Payers. *N Engl J Med*. 2017;377:4–6.
24. **Barnett ML**, Sommers BD. A National Survey of Medicaid Beneficiaries' Experiences and Satisfaction with Health Care. *JAMA Intern Med*. 2017;177:378–381.
- JAMA Internal Medicine* Top 10 “Most Talked About Articles in 2017”
(<http://read.alerts.jamanetwork.com/csb/Public/show/lmyi1--eb9rn-6j6zcs2>)
25. **Barnett ML**, Gray J, Zink A, Jena AB. Coupling Policymaking with Evaluation — The Case of the Opioid Crisis. *N Engl J Med*. 2017 Dec 14;377(24):2306-2309.
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2015	Contributions of patients' clinical and social characteristics to difference in hospital readmission rates	Poster, SGIM Annual Conference, Toronto, ON
2015	Implementation of an electronic referral system in a large academic medical center	Poster, AcademyHealth Annual Research Meeting, Minneapolis, MN
2016	Overuse of low value medical services in the safety net population	Poster, SGIM Annual Conference, Hollywood, FL
2016	Overuse of low value medical services in the safety net population	Featured in Poster Walk, AcademyHealth Annual Research Meeting, Boston, MA
2016	Adverse hospitals outcomes during the period of transition to a new electronic medical record.	Mack Lipkin Sr. Award Finalist, SGIM Annual Conference, Hollywood, FL
2017	Emergency physician opioid prescribing patterns and risk of long-term use	Milton W. Hamolsky Jr. Award Winner, SGIM Annual Conference, Washington, DC
2017	Emergency physician opioid prescribing patterns and risk of long-term use	Winner of Best Abstract for Behavioral Health Theme, AcademyHealth Annual Research Meeting, New Orleans, LA
2018	Specialty Care Transformation in the Urban Safety Net: Frontline perceptions of eConsult Implementation	Milton W. Hamolsky Jr. Award Finalist, SGIM Annual Conference, Denver, CO
2019	Appointment Timing and Opioid Prescribing	Best Poster Award, Improving Safety, Quality and Value Theme, AcademyHealth Annual Research Meeting, Boston, MA
2019	An Audit Survey of Access to Office-Based Buprenorphine Treatment in States with High Rates of Opioid-Related Mortality	Winner of Best Abstract for Behavioral Health Theme, AcademyHealth Annual Research Meeting, Washington, DC