

**HARVARD MEDICAL SCHOOL
CURRICULUM VITAE**

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Education:

2000	B.A., B.S.	Massachusetts Institute of Technology (Economics, Biology)
2006	Ph.D.	University of Chicago (Economics) Doctoral committee: David Meltzer, Steven Levitt, Tomas Philipson Preliminary examinations: Industrial organization, labor economics
2009	M.D.	University of Chicago

Postdoctoral Training:

Internships and Residencies

2009-2010	Intern in Internal Medicine, Massachusetts General Hospital
2010-2012	Resident in Internal Medicine, Massachusetts General Hospital

Research Fellowships

2006-2007	Fellow, Bing Center for Health Economics, RAND Corporation
2008-2009	AHRQ Postdoctoral Fellow, RAND Corporation and UCLA

Faculty Academic Appointments

2012-2015	Assistant Professor of Health Care Policy, Department of Health Care Policy Harvard Medical School
2012-2013	Clinical Fellow in Medicine, Harvard Medical School Massachusetts General Hospital
2013-2016	Assistant Professor of Medicine, Harvard Medical School Massachusetts General Hospital
2015-2016	Associate Professor of Health Care Policy, Department of Health Care Policy Harvard Medical School

- 2016- Ruth L. Newhouse Associate Professor of Health Care Policy, Department of Health Care Policy
Harvard Medical School
- 2016- Associate Professor of Medicine, Harvard Medical School
Massachusetts General Hospital

Appointments at Hospitals/Affiliated Institutions

- 2012- Assistant in Medicine, Hospital Medicine Unit, Department of Medicine
Massachusetts General Hospital

Other Professional Positions:

- 2002 Lecturer, Dept. of Economics, University of Chicago
- 2011-2012 Senior Fellow, Schaeffer Center for Health Policy and Economics, University of Southern California
- 2012- Faculty Research Fellow, National Bureau of Economic Research

Committee Service:

Local

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| 2010- | Winthrop House Pre-medical advisor | Harvard University
Pre-medical advisor |
| 2013- | Standing Committee on Health Policy | Harvard Medical School
Member |
| 2013-2014 | Graduate School of Arts and Sciences
Dissertation Fellowship Award Committee | Harvard University
Member |
| 2014 | Scholars in Medicine Project Review | Harvard Medical School
Reviewer |
| 2014 | Health Acceleration Challenge | Harvard Business School
Judge |
| 2014- | Harvard University Data Science Institute
Planning Committee | Harvard University
Member |
| 2014 | Task Force on Diversity and Inclusion
Metrics Sub-Committee | Harvard Medical School
Co-Chair |

National

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| 2013-2015 | Advisory Group for Health Economics | Academy Health
Member |
| 2014-2016 | Board of Directors | National Perinatal Information Center
Member |
| 2014-2015 | Committee for study on Diagnostic Errors
in Health Care | Institute of Medicine
Member |
| 2016-2019 | Technical expert panel for Episode-based
resource use measures | Centers for Medicare and Medicaid
Services |

2017-2019	Bernie J. O'Brien New Investigator Award Selection Committee	International Society for Pharmacoeconomics and Outcomes Research
2018	Technical expert panel for MACRA Episode-Based Cost Measures-Medicare Spending Per Beneficiary (MSPB) Service Refinement	Centers for Medicare and Medicaid Services
2018-2019	National Academies Graduate Medical Outcomes and Metrics Workshop	National Academies of Medicine Participant
2018-	National Academies Advisory Committee on Emerging, Science, Technology, and Innovation	National Academies of Medicine Member
2020	National Academies Committee on Implications of Discarded Weight-Based Drugs	National Academies of Medicine Member
2021	National Academies Workshop on "Towards a Post-Pandemic World – Lessons from COVID-19 for Now and the Future"	National Academies of Medicine Participant

Professional Societies:

2011-2013	American Medical Association	Member
2013-	Academy Health	Member
2013-	International Society for Pharmaceutical Outcomes Research	Member

Grant Review Activities:

2017	Ad hoc reviewer, R21/R33 Review Panel	National Institutes of Health
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Editorial Activities:

Ad hoc Reviewer

- American Economic Review
- American Economic Association Journal: Policy
- Annals of Emergency Medicine
- Annals of Internal Medicine
- American Journal of Managed Care
- BMJ
- Demography
- Health Affairs

Health Services Research
 Journal of the American Medical Association
 Journal of Health Economics
 Journal of Human Capital
 Journal of Political Economy
 Journal of Policy Analysis and Management
 Journal of Law and Economics
 Medical Care
 New England Journal of Medicine
 Quarterly Journal of Economics
 Review of Economics and Statistics
 Social Science and Medicine

Other Editorial Roles

2013- Associate Editor Forums for Health Economics and Policy

Honors and Prizes:

2000 Phi Beta Kappa, MIT
 2000-2009 National Institutes of Health Medical Scientist Training Program Fellowship
 2005-2006 National Institute of Aging Training Fellowship
 2007 Eugene Garfield Award from Research! America for best paper in economics on the economic impact of medical research. Awarded jointly with Tomas J. Philipson for “Who Benefits from New Medical Technologies? Estimates of Consumer and Producers Surpluses for the New HIV/AIDS Drugs,” published in *BE Forum for Health Economics and Policy*.
 2008-2009 AHRQ Postdoctoral Fellowship
 2011 Finalist, National Institute for Health Care Management Foundation Annual Research Award, for “An Economic Evaluation of the War on Cancer,” published in *Journal of Health Economics*.
 2011 Finalist, Annals of Internal Medicine Young Investigator Award, for “Sexually transmitted diseases among users of erectile dysfunction drugs,” published in *Annals of Internal Medicine*.
 2012 Recognized as being in the top grade of reviewers for *Annals of Internal Medicine*.
 2013-2014 Certificate for excellence in tutorial facilitation by Academy at Harvard Medical School (for HMS Course HC750)
 2013 National Institutes of Health Director’s Early Independence Award (\$2.5M, 5 year grant awarded by Office of the NIH Director to 14 scientists nationwide)
 2014 Appointed to Institute of Medicine Committee on Diagnostic Errors in Health Care
 2015 International Society for Pharmacoeconomics and Outcomes Research Bernie O’Brien New Investigator Award
 2015 Altmetric Top 100 articles of 2015 for “Mortality and treatment patterns among patients hospitalized with acute cardiovascular conditions during dates of national cardiology meetings,” published in *JAMA Internal Medicine*.
 2016 Becker’s Hospital Review 60 Most Powerful People in Health Care in 2016, for work documenting gender disparities in physician income published in *JAMA Internal Medicine*

- 2016 Altmetric Top 100 articles of 2016 for “Comparison of hospital mortality and readmission rates for Medicare patients treated by male vs female physicians,” published in *JAMA Internal Medicine*.
- 2017 John F. Burke Keynote Lecture, Harvard Trauma and Critical Care Symposium, Boston, MA
- 2018 Senior Day Speaker, Department of Medicine, University of Chicago, Chicago, IL
- 2018 American College of Radiology Moreton Lecture, Washington, D.C.
- 2018 Becker’s Hospital Review 100 great leaders in health care
- 2018 Altmetric Top 100 articles of 2017 for “Reduction in firearm injuries during NRA annual conventions,” published in *New England Journal of Medicine*.
- 2020 TEDMED 2020 Speaker, “The profound difference between seeing and looking”
- 2020 Elected to American Society for Clinical Investigation (ASCI)

Report of Funded and Unfunded Projects:

Past Funding

- 2005 Me-too innovation in pharmaceutical markets
Seed grant/University of Chicago Center for Health and the Social Sciences
Co- investigator
- 2006 Surplus appropriation from R&D and technology assessment
Seed grant/University of Chicago Center for Health and the Social Sciences
Co- investigator
- 2006 Intellectual property and external consumption effects
Seed grant/University of Chicago Center for Health and the Social Sciences
Co- investigator
- 2007 Impact of Personalized Medicine on the Pharmaceutical Industry
Seed grant/University of Chicago Center for Health and the Social Sciences
Co- investigator
- 2009 Economic efficiency and disparities in global health
Seed grant/ University of Chicago Center for Health and the Social Sciences
Co-investigator
- 2013 Screening for Free: A Value-Based Insurance Design Natural Experiment (R01)
National Institutes of Health
Co-investigator, PI John Hsu
- 2013 The role of private plans in Medicare (R01)
National Institute on Aging
Co-investigator, PI Joseph Newhouse

2013	Income effects and current law forecasts on health care spending growth (R01) National Institute on Aging Co-investigator, PI Michael Chernew
2013-2019	Physician determinants of health care spending, quality, and patient outcomes Office of the Director, National Institutes of Health, Early Independence Award (DP5) PI
2014	Health Care Markets and Regulation Lab, Project: An Intervention to Manage Acute Changes in Home Care Patients Laura and John Arnold Foundation Co-Investigator
2015	Evaluation of the Oncology Care Model CMS via Abt Associates Co-Investigator
2016	Diffusion of Clinical Evidence into Practice: Physician Networks, Delivery Organizations, and Markets (R56) NIH Co-Investigator
2017	Evaluating the Blue Shield of California Narcotic Safety Initiative Blue Shield of California Foundation Co-Investigator
2017	Impact of Telemedicine on Medicare Beneficiaries with Mental Illness (R01) NIH Co-Investigator
2017	The Impact of Direct-to-Consumer, Video Telehealth (R01) AHRQ Co-Investigator
2017-2021	Medical reversals: De-implementing ineffective and unsafe treatments (R01) AHRQ Co-Investigator
2016-2021	Effects of Ambulance, Transport Distance, and Hospital Destination on Health Outcomes of Out-of-Hospital Medical Emergencies (R01) AHRQ Co-Investigator

Current Funding

- 2019-2022 Use of Prescription Opioids Following Surgery and Associated Adverse Patient Outcomes in Older Adults (R56)
NIH/NIA
PI
- 2019-2024 Prescribing of opioids at hospital discharge and associated adverse patient outcomes (R01)
AHRQ
PI
- 2020-2025 The Impact of physician and health system factors on the quality of care for persons with Alzheimer's disease and related dementias at the end of life (R01)
NIH
Co-Investigator
- 2021-2025 The Impact of Surgeon Factors and Education/Training on Disparities in Surgical Care (R01)
NIH
Co-Investigator

Pending Funding

- 2022-2027 Effect of the COVID-19 pandemic on care for pregnant persons (R01)
AHRQ
Co-Investigator
- 2022-2027 Effect of physician/health system factors and physician-patient racial/ethnic concordance on disparities in the care of Alzheimer's disease and related dementias (R01)
NIH
Co-Investigator
- 2022-2027 Novel Data Linkages to Address Persistent Opioid Use After Surgery (R01)
NIH
Co-Investigator

Report of Local Teaching and Training:

Teaching of Students in Courses

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| 2000 | Introductory microeconomics/Teaching assistant
Undergraduate students | Univ. of Chicago
2, 1 hr sessions per wk for 10 wks |
| 2001 | Graduate econometrics/Teaching assistant
Graduate students | Univ. of Chicago
1 hr session per wk for 10 wks |
| 2002 | Introductory microeconomics/Lecturer
Undergraduate students | Univ. of Chicago
3, 1 hr sessions per wk for 10 wks |
| 2012-2015 | HC 750: Health Care Policy | Harvard Medical School |

2012-	Medical students Health policy journal workshop MD/MPP students	3, 1 hr tutorials per wk for 4 wks Harvard Kennedy School of Govt 4, 1.5 hr lectures per yr
2014-	Health Policy 2000 (Core course in health policy) PhD students	Harvard University 1, 2 hr lecture per yr
2015-	GHHP 50: The quality of health care in America Harvard college (co-taught w/ Ashish Jha)	Harvard University 2, 1.5 hr lectures per wk, Spring
2015-	PhD in Health Policy Research Seminar Lead, joint with Laura Hatfield	Harvard University 1, 1 hr seminar per wk, Fall/Spring
2016	Essentials of the Profession (Innovation Lecture) Medical students	Harvard Medical School 2 hr lecture
2016-	Essentials of the Profession Medical students	Harvard Medical School 5, 1 hr tutorials per wk for 2.5 wks

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

2012	Medical malpractice and healthcare delivery Emergency Medicine residents	Harvard Emergency Medicine. 1, 1 hr lecture
2012-2018	Tools of Human Investigation Medical residents	Massachusetts General Hospital 5, 1.5 hr lectures per yr
2014-	Global medicine Medical residents	Massachusetts General Hospital 2, 1 hr meetings per yr
2015	National cardiology meetings and mortality Medicine residents	BWH Dept. of Medicine 1, 1 hr lecture
2016	Medical malpractice Emergency Medicine residents	Harvard Emergency Medicine 1, 1 hr lecture
2016	Race and gender bias in physician salary Neurology residents	Harvard Neurology 1, 1 hr lecture
2016-	Management and Leadership Seminar Medical residents	BWH Dept. of Medicine 1, 1 hr lecture

Clinical Supervisory and Training Responsibilities

2012-	Attending physician for house staff general medicine service (Bigelow), Massachusetts General Hospital
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Formally Supervised Trainees

2013	Jacqueline DePasse, MD / Medical Resident, Massachusetts General Hospital Research mentor; Project: Declining demand for duty hours as a rationale for duty hour reform. Manuscript published, <i>Journal of General Internal Medicine</i>
2013	Matthew Abola, BA / Candidate, Harvard Post-baccalaureate Program Research mentor; Project: Association between treatment toxicity and outcomes in oncology clinical trials. Manuscript published, <i>Annals of Oncology</i>

- 2013 Gaurie Tilak, BA / MD Candidate, Harvard Medical School
Research mentor; Project: Authorship inflation in high-impact medical journals. Manuscript published, *Inquiry*.
- 2013-2014 Elias Dayoub, BA / MD Candidate, University of Michigan, MPP Candidate, Harvard Kennedy School
Research mentor; Projects: Rethinking how we measure drug innovation (Published, Health Affairs Blog), Association between pain and tachycardia (Manuscript published, Mayo Clinic Proceedings), Health outcomes and behaviors of health care professionals (Manuscript published, Mayo Clinic Proceedings)
- 2013- Dan Ly, MD / Medical Resident, Massachusetts General Hospital
Research mentor; Project: Rates of divorce among U.S. physicians. Manuscript published, *BMJ*.
- 2013-2015 Prachi Sanghavi, BA / PhD Candidate, Harvard PhD Program in Health Policy
Dissertation committee member; Project: Comparative effectiveness of pre-hospital care strategies in the United States. Manuscripts published, *JAMA Internal Medicine* and *Annals of Internal Medicine*.
- 2014 Vishal Arora, BA Candidate, Harvard College
Undergraduate Senior Thesis Advisor; Project: Defensive medicine among physicians in Texas
- 2014-2016 Yusuke Tsugawa, BA / PhD Candidate, Harvard PhD Program in Health Policy
Dissertation committee member; Project: Association of physician-level spending and outcomes in hospitalized Medicare patients
- 2014- Dhruv Khullar, MD, MPH / Medical Resident, Massachusetts General Hospital
Research mentor; Projects: Differences in rates of academic promotion between male and female physicians in U.S. medical schools (*JAMA*), Prognostic errors in health care (*BMJ*), Reducing diagnostic errors: why now? (*NEJM*)
- 2014 Rebecca Haffajee, JD / PhD Candidate, Harvard PhD Program in Health Policy; Project: Mandatory Use of Prescription Drug Monitoring Programs. Manuscript published, *JAMA*.
- 2015- Annetta Zhou, BA / PhD Candidate, Harvard PhD Program in Health Policy
Dissertation committee member
- 2015-2016 Caroline Holte / BA Candidate, Harvard College
Undergraduate Senior thesis advisor; Racial disparities in health care access
- 2015-2016 Anumita Das / BA Candidate, Harvard College
Undergraduate Senior thesis advisor; Economics of orphan drug policy
- 2016 Leia Wedlund / BA Candidate, Harvard College

Research advisor; Marathons and Mortality (*NEJM*)

2017 Aakash Jain / BA Candidate, Duke University
Research advisor; Natural experiments in health care

2017 Andrew Vogel / BA Candidate, Brown University
Research advisor; Designing experiments in health care

2017 Spencer Luster/ MD-PhD Candidate, Harvard Medical School
Research advisor

2017-2019 Caitlin Carroll, BA / PhD Candidate, Harvard PhD Program in Health Policy
Dissertation committee member

2018 Willie Jin / BA Candidate, Harvard College
Undergraduate Senior thesis advisor

2018 Antonio Chan / BA Candidate, Harvard College
Undergraduate Senior thesis advisor

2018 Max Franzblau / BA Candidate, Harvard College
Undergraduate Senior thesis advisor

2018 Gal Kaplowitz / BA Candidate, Harvard College
Undergraduate advisor

2018- Nathan Varady / Orthopedic Surgery Resident, Hospital for Special Surgery
Research advisor

2018-2020 Monica Farid, BA / PhD Candidate, Harvard PhD Program in Health Policy
Dissertation committee member

2018-2020 Dan Ly, MD, MPH / PhD Candidate, Harvard PhD Program in Health Policy
Dissertation committee member

2018- Christopher Worsham / Critical care fellow, Massachusetts General Hospital
Research advisor

2018- Andre Zimmerman / Internal Medicine Resident, Hospital de Clinicas de Porto Alegre,
Brazil
Research advisor

2019 Sean Chanicka / BA Candidate, Harvard College
Undergraduate Senior thesis advisor

2019 Mohammad Ayman / BA Candidate, Harvard College

Undergraduate Senior thesis advisor

2019 Andres De Loera-Burst / BA Candidate, Harvard College
Undergraduate Senior thesis advisor

2021 David Cron / General Surgery Resident, Massachusetts General Hospital
Research advisor

Local invited presentations

- 2005 Who Benefits from New Medical Technologies? Evidence from AIDS/Applied
Microeconomics Series
University of Chicago, Chicago, IL
- 2010 Cost-effectiveness Analysis, Economic Efficiency, and Innovation/Department of Health
Care Policy Special Lecture Series
Harvard Medical School, Boston, MA
- 2013 Value of Life in General Equilibrium/Harvard, MIT, Boston University Combined Health
Economics Workshop
Boston University Department of Economics, Boston, MA
- 2013 Medical malpractice/Department of Medicine Health Policy Seminar
Massachusetts General Hospital, Boston, MA
- 2013 Medical malpractice/Department of Medicine Ambulatory Clerkship seminar
Brigham and Women's Hospital, Boston, MA
- 2013 Medical malpractice/Department of Medicine Management Leadership Training seminar
Brigham and Women's Hospital, Boston, MA
- 2014 Medical malpractice and health care delivery/Pediatric Grand Rounds
Cambridge Hospital, Cambridge, MA
- 2014 Trends in earnings of male and female health care professionals in the U.S./Harvard Joint
Committee on the Status of Women, Income Gender Equity event, Panelist
Harvard Medical School, Boston, MA
- 2014 Multiple provider prescribing of opioids in Medicare/Department of Rheumatology
Clinical Sciences Lecture Series
Brigham and Women's Hospital, Boston, MA
- 2015 Medical malpractice/HVMA Health Policy Seminar
Brigham and Women's Hospital, Boston, MA
- 2016 Sex differences in academic promotion/MGH Diversity Council
Massachusetts General Hospital, Boston, MA
- 2016 Navigating Life as a Scholar at Harvard/Harvard New Faculty Institute
Harvard University, Cambridge, MA
- 2016 Medical malpractice/Department of Medicine Grand Rounds
Exeter Hospital, Exeter, NH
- 2016 Natural experiments in health care/Division of General Internal Medicine Grand Rounds
Beth Israel Deaconess Hospital, Boston, MA
- 2017 Natural experiments in health care/Smith Center for Outcomes Research in Cardiology
Beth Israel Deaconess Hospital, Boston, MA

- 2017 US Malpractice Policy and Trends/Harvard Series on Leadership in Healthcare: Policy and Practice
Harvard Medical School, Boston, MA
- 2017 Observational studies in health care/Management and Leadership Series Lecture
Brigham and Women's Hospital, Boston, MA
- 2018 Thinking differently/Management and Leadership Series Lecture
Brigham and Women's Hospital, Boston, MA
- 2018 Natural experiments/Center for Evidence Based Imaging Lecture
Brigham and Women's Hospital, Boston, MA
- 2019 Natural experiments in health care / Division of Rheumatology Grand Rounds
Massachusetts General Hospital, Boston, MA
- 2021 Natural experiments in health care / Department of Urology Grand Rounds
Brigham and Women's Hospital, Boston, MA

Report of Regional, National, and International Invited Teaching and Presentations:

Regional Presentations

Those activities below sponsored by outside entities are so noted and the sponsors are identified.

- 2007 Value of Life in General Equilibrium/Health Economics Speaker Series
RAND Corporation, Santa Monica, CA
- 2013 Medical malpractice and health care delivery/Medical Grand Rounds
Exeter Hospital, Exeter
- 2017 Natural experiments in health care/Boston University School of Public Health
Boston, MA
- 2018 Thinking differently /Harvard University Niemann Foundation 80th Anniversary
Conference
Boston, MA
- 2021 Natural Experiments in Health Care / Beth Israel Deaconess Hospital Pathology Grand
Rounds
Boston, MA

National Presentations

Those activities below sponsored by outside entities are so noted and the sponsors are identified.

- 2005 Who Benefits from New Medical Technologies? Evidence from AIDS/National Institutes
of Health Director Conference
Arlington, VA
- 2006 Cost-effectiveness Analysis and Innovation/National Bureau of Economic Research Health
Care Meetings
Boston, MA
- 2006 Economics of Exercise/American Society of Health Economists Annual Meeting
Madison, WI
- 2006 Cost-effectiveness Analysis and Innovation/Federal Trade Commission Roundtable
Washington, D.C.
- 2006 Value of Life in General Equilibrium/Journal of Human Capital Inaugural Conference

- State University of New York, Buffalo, NY
- 2007 Who Benefits from New Medical Technologies? Evidence from AIDS/Research America! Award Lecture
Washington, D.C.
- 2008 Me-too Innovation in Pharmaceutical Markets/National Bureau of Economic Research Frontiers in Health Policy Meeting
Washington, D.C.
- 2009 Endogenous Cost-Effectiveness Analysis in Health Care Technology Adoption/National Bureau of Economic Research Health Care Meetings
Boston, MA
- 2013 Cost-Effectiveness Based Policies and Economic Efficiency/University of Chicago Meeting on Future of Health Care Reform in the U.S.
Chicago, IL
- 2014 Mortality and treatment patterns among patients hospitalized with acute cardiovascular conditions during dates of national cardiology meetings/University of Washington Health Economics Seminar
Seattle, WA
- 2014 Mortality and treatment patterns among patients hospitalized with acute cardiovascular conditions during dates of national cardiology meetings/Cornell University Law School Health Law and Economics Seminar
Ithaca, NY
- 2014 What does it mean to do translational research in the social sciences?/American Physician Scientist Association National Meeting, Panelist
Chicago, IL
- 2014 Mortality and treatment patterns among patients hospitalized with acute cardiovascular conditions during dates of national cardiology meetings/American Society for Health Economics Biennial Meeting
Los Angeles, CA
- 2014 The effect of the FDA chlorofluorocarbon ban on out-of-pocket costs and utilization of albuterol inhalers among individuals with asthma/American Society for Health Economics Biennial Meeting
Los Angeles, CA
- 2014 Discussant presentation: Low value health care services/American Society for Health Economics Biennial Meeting
Los Angeles, CA
- 2014 Discussant presentation: Economics of hospitalists/American Society for Health Economics Biennial Meeting
Los Angeles, CA
- 2014 Does medical malpractice law improve health care quality/NBER Summer Health Care Institute
Cambridge, MA
- 2015 Is doing more, doing better? Basic versus advanced life support ambulances for medical emergencies/American College of Emergency Physicians, panel presentation with Professors Prachi Sanghavi and Joseph Newhouse
Boston, MA

- 2015 What happens to patients when doctors leave town?/Future of Health Care Lecture Series, Kansas University
Kansas City, KS
- 2016 Medical malpractice and the physician/Brown University Lecture Series on Health Care
Providence, RI
- 2016 Why should we care about diagnostic errors?/National Health Policy Forum
Washington, D.C.
- 2016 What happens to patients when doctors leave town?/Economics workshop, Clark
University
Worcester, MA
- 2016 What happens to patients when doctors leave town?/Dartmouth University
Hanover, NH
- 2016 Updates on medical malpractice/Grand rounds, Exeter Hospital
Exeter, NH
- 2016 The wider public health value of HCV treatments/National Viral Hepatitis Roundtable
Congressional Briefing
Washington, D.C.
- 2016 Next-generation comparative effectiveness research/Panelist, International Society for
Pharmacoeconomics and Outcomes Research annual meeting
Washington, D.C.
- 2016 Novel methods for valuing specialty drugs/ Panelist, International Society for
Pharmacoeconomics and Outcomes Research annual meeting
Washington, D.C.
- 2016 Predicting readmissions with electronic health record data/ Discussant, American Society
of Health Economics Meetings
Philadelphia, PA
- 2016 Physician overbilling in Medicare/ Discussant, American Society of Health Economics
Meetings
Philadelphia, PA
- 2016 Keynote speech on health policy research/Maxwell Health Champion's Summit
Maxwell Health, Boston, MA
- 2016 Marathons and mortality/University of Washington
Seattle, WA
- 2016 Marathons and mortality/Yale University
New Haven, CT
- 2017 Natural experiments in health care/Doximity Annual Leadership Summit
San Francisco, CA
- 2017 Physician spending and patient mortality, Grand Rounds / Cambridge Health Alliance,
Boston MA
- 2017 Prescribing of opioids in Medicare, Grand Rounds / Case Western Reserve University
Cleveland, OH
- 2017 Gender differences in promotion and salary among academic physicians / American
Thoracic Society Gender Equity Summit
Washington, D.C.
- 2017 Using big data to study the impact of graduate medical education / National Academies of
Medicine Workshop on GME Outcomes and Metrics

- Washington, D.C.
- 2017 Thinking differently in health care/Medical Scientist Training Program 50th Anniversary University of Chicago, Chicago, IL
- 2017 Using big data to study the impact of graduate medical education, National Academies of Medicine Workshop on GME Outcomes and Metrics, Washington, D.C.
- 2017 Marathons and mortality, Boston Medflight Annual Conference, Hanscom Airforce Base, MA.
- 2017 Medical malpractice and the physician, Harvard Trauma and Critical Care Symposium, John F. Burke Keynote Lecture, Boston, MA
- 2018 Thinking differently in health care/University of Chicago Medical Grand Rounds and Senior Day invited speaker, Chicago, IL
- 2017 Gender differences in promotion, salary, and quality of care / University of Colorado Hospitals Department of Medicine Grand Rounds, Aurora, CO
- 2018 Thinking differently / American College of Radiology Moreton Lecture, Washington, D.C.
- 2018 Natural experiments in health care / SUNY Stony Brook Anesthesia Grand Rounds, Long Island, NY
- 2018 Natural experiments in health care / UT Southwestern Medicine Grand Rounds, Dallas, TX
- 2019 Valuing new medical technologies / International Society for Pharmacoeconomics and Outcomes Research Annual Meeting, New Orleans, LA
- 2019 Setting drug prices in Medicare: Toward a competitive market? / American Society for Health Economics Annual Meeting, Washington, D.C.
- 2019 New answers to old questions in opioids/ American College of Rheumatology, Atlanta, GA
- 2020 The profound difference between seeing and looking / TEDMED Conference, Boston, MA
- 2020 Alternative payments models and innovation / International Society for Pharmacoeconomics and Outcomes Research Annual Meeting, Orlando, FL
- 2020 COVID-19 and Elections / Duke University Initiative for Science and Policy, Durham, NC
- 2021 Natural experiments in health care / Electronic Health Economics Colloquium (EHEC)
- 2021 Natural Experiments in health care / VCU Hospitals Department of Medicine Grand Rounds
Richmond, VA
- 2022 Natural experiments in health care/University of Miami MSTP Symposium Keynote
Miami, FL
- 2022 Natural experiments in health care/UT Southwestern
Dallas, TX
- 2022 Natural experiments in health care/University of Florida Medicine Grand Rounds
Gainesville, FL
- 2022 Natural experiments in health care/Academy Health Health Economics Interest Group
Boston, MA

International Presentations

Those activities below sponsored by outside entities are so noted and the sponsors are identified.

- 2005 Who Benefits from New Medical Technologies? Evidence from AIDS
Kiel Institute for the World Economy, Kiel, Germany

- 2006 Cost-effectiveness Analysis and Innovation/ European Science Foundation New Technology and Decision Making Conference
Salzau, Germany
- 2015 Productivity of physician care/Invited lecture, Royal Free Hospital, National Health Service
London, United Kingdom
- 2015 Health care quality and the economics of innovation/Invited lecture, St. Luke's International University
Tokyo, Japan
- 2015 Health care quality and the economics of innovation/Invited lecture, Kyoto University
Kyoto, Japan
- 2016 Measuring value in health care/Invited lecture, CPB Netherlands Bureau for Economic Policy Analysis
The Hague, Netherlands
- 2016 What happens to patients when doctors leave town?/Vall d'Hebron Hospital
Barcelona, Spain
- 2016 What happens to patients when doctors leave town?/University of British Columbia
Vancouver, Canada
- 2017 What happens to patients when doctors leave town?/CEMFI
Madrid, Spain
- 2018 Natural experiments in health care / Berlin Institute of Technology
Berlin, Germany
- 2019 Thinking differently / University College Dublin
Dublin, Ireland
- 2019 Natural experiments in health care / University of Paris - Descartes
Paris, France

Report of Clinical Activities and Innovations:

Current Licensure and Certification

- 2011- Massachusetts Medical License
- 2012- Diplomate, American Board of Internal Medicine

Practice Activities

- 2012- Hospitalist Massachusetts General Hospital
- 2012- Inpatient teaching service (Bigelow) Massachusetts General Hospital

Report of Education of Patients and Service to the Community:

Educational Material for Patients and the Lay Community

Those activities below sponsored by outside entities are so noted and the sponsor(s) is(are) identified.

1. Host of Freakonomics, M.D. podcast

Books, monographs, articles and presentations in other media

2. **Jena AB**, Philipson TJ. “Dividing the Benefits from Medical Breakthroughs,” *Milken Institute Review*, 8(1), pp. 46-55, 2006.
3. **Jena AB**, Philipson TJ. “Striking a Balance on New Technology,” *America’s Health Insurance Plans Coverage*, 2006.
4. Goldman D, **Jena AB**, Lakdawalla D, Philipson TJ, Reyes C, Sun E. “An economic evaluation of the war on cancer,” *Vox*, 2010.
5. Chandra A, **Jena AB**, Skinner J. “The promise and challenge of comparative effectiveness research,” *Vox*, 2011.
6. Lakdawalla D, Goldman D, **Jena AB**, Agus D. “Medicare End-of-Life Counseling: A Matter of Choice,” *American Enterprise Institute Health Policy Outlook* (No. 7), pp. 1-7, 2011.
7. Goldman D, Schwartz S, Lakdawalla D, Philipson T, **Jena AB**. “Harnessing the promise of comparative effectiveness research,” *Health Affairs Blog*, September 12, 2012.
8. Goldman D, Chernew, **Jena AB**. “Health insurance exchanges may be too small to succeed,” *New York Times*, November 23, 2012.
9. Chandra A, **Jena AB**, Seabury S. “Defensive medicine may be costlier than it seems,” *Wall Street Journal*, Feb 8 print edition, p. A13, 2013.
10. Bhattacharya J, Chandra A, Chernew M, Goldman D, **Jena AB**, Lakdawalla D, Malani A, Philipson T. “Best of Both Worlds: Uniting Universal Coverage and Personal Choice in Health Care,” *American Enterprise Institute*, pp. 1-41, 2013.
11. Dayoub E, **Jena AB**, Lakdawalla D. “The End of the Blockbuster? Implications for Pricing of New Drugs,” *Health Affairs Blog*, June 16, 2014.
12. Philipson T, **Jena AB**. “Value to Whom? How much are new treatments worth?” *Scientific American World View*, 2014.
13. Seabury S, Helland E, **Jena AB**. “California's Proposition 46 and the uncertain future of medical malpractice liability reform.” *Health Affairs Blog*, December 10, 2014
14. **Jena AB**, Philipson T. “Global health: Who should pay for your altruism?” *Forbes*, 6/4/2015.
15. Khullar D, **Jena AB**. “Why some drugs price should be high?” *STAT*, March 17, 2016.
16. Khullar D, **Jena AB**. “Homicide’s role in the racial life-expectancy gap,” *Wall Street Journal*, April 28, 2016.
17. Khullar D, **Jena AB**. “Do incentives nudge physicians to prescribe opioids for pain?,” *STAT*, August 18, 2016.
18. **Jena AB**. “Proposed new guidelines for the PBS put cost-cutting before patients,” *The Guardian*, August 18, 2016.
19. **Jena AB**, Kamal-Bahl S. “Family spillover effects for health care treatments should be valued,” *Health Affairs Blog*, February 10, 2017.
20. Tsugawa Y, **Jena AB**, Jha AK. “Immigrant doctors provide better care, according to a study of 1.2 million hospitalizations,” *Harvard Business Review*, February 2, 2017.
21. **Jena AB**, Olenski A, Blumenthal DM, Khullar D. “Trump’s immigration order could make it harder to find a psychiatrist or a physician.” *FiveThirtyEight*, February 3, 2017.
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