

**HARVARD MEDICAL SCHOOL
CURRICULUM VITAE**

Date Prepared: November 11, 2023

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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

2022- Joseph P. Newhouse Professor of Health Care Policy, Department of Health Care Policy
Harvard Medical School

2023- 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

2023- Research Associate, National Bureau of Economic Research

Committee Service:

Local

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
2020-	Committee on Promotions, Reappointments, and Appointments	Harvard Medical School Member

National

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

2000 Introductory microeconomics/Teaching assistant Univ. of Chicago

2001	Undergraduate students Graduate econometrics/Teaching assistant	2, 1 hr sessions per wk for 10 wks Univ. of Chicago
2002	Graduate students Introductory microeconomics/Lecturer	1 hr session per wk for 10 wks Univ. of Chicago
2012-2015	Undergraduate students HC 750: Health Care Policy	3, 1 hr sessions per wk for 10 wks Harvard Medical School
2012-2014	Medical students Health policy journal workshop	3, 1 hr tutorials per wk for 4 wks Harvard Kennedy School of Govt
2014-	MD/MPP students Health Policy 2000 (Core course in health policy)	4, 1.5 hr lectures per yr Harvard University
2015-	PhD students GHHP 50: The quality of health care in America	1, 2 hr lecture per yr Harvard University
2015-	Harvard college (co-taught w/ Ashish Jha) PhD in Health Policy Research Seminar	2, 1.5 hr lectures per wk, Spring Harvard University
2016	Lead, joint with Laura Hatfield Essentials of the Profession (Innovation Lecture)	1, 1 hr seminar per wk, Fall/Spring Harvard Medical School
2016-2108	Medical students Essentials of the Profession	2 hr lecture Harvard Medical School
2018-	Medical students Essentials of the Profession II, Director	5, 1 hr tutorials per wk for 2.5 wks Harvard Medical School
2020-	Medical students CSO 705, Economics of Medical Innovation	3, 1 hr lectures per wk for 8 wks Harvard Medical School
2020-	Masters students New concepts of value and evidence generation	1, 1 hr lecture per year Harvard Medical School
2020-	Executive education program Generating Research Ideas, Econ 3017	8, 2 hr lectures per year Harvard Medical School
2022	PhD students	Harvard University 1, 1 hr lecture per year

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

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

Clinical Supervisory and Training Responsibilities

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

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, *Journal of General Internal Medicine*
- 2013 Matthew Abola, BA / Candidate, Harvard Post-baccalaureate Program
Research mentor; Project: Association between treatment toxicity and outcomes in oncology clinical trials. Manuscript published, *Annals of Oncology*
- 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 Zimerman / 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
- 2021 Natural Experiments in Health Care / Beth Israel Deaconess Hospital Pathology Grand
Rounds
Boston, MA
- 2023 Natural Experiments in Health Care / Massachusetts General Hospital Medical Practice
Evaluation Center
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

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
- 2022 Natural experiments in health care/University of Pennsylvania
Philadelphia, PA
- 2022 Natural experiments in health care/Cleveland Clinic
Cleveland, OH
- 2022 Accidental Medicine/Sentara Healthcare
Norfolk, VA
- 2023 Random Acts of Medicine/St. Louis Public Library Literary Series
St. Louis, MO
- 2023 Random Acts of Medicine/Corewell Health
Grand Rapids, MI
- 2023 Random Acts of Medicine/Society for Cardiovascular Computed Tomography National Meeting, Keynote
Boston, MA
- 2023 Random Acts of Medicine/University of Colorado Anschutz
Aurora, CO
- 2023 Random Acts of Medicine/Stanford University
Stanford, CA
- 2023 Random Acts of Medicine/ASTRO Annual Meeting Keynote
San Diego, CA
- 2023 Random Acts of Medicine/Family Action Network
Chicago, IL

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

2015	Tokyo, Japan 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
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Thesis

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2. Presenteeism among resident physicians, *Journal of the American Medical Association*, 2010. Reported by: Associated Press, New York Times, Boston Globe, NBC News online, CBS News online.
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8. Out-of-pocket medication costs and use of medications and health care services among children with asthma, *Journal of the American Medical Association*, 2012. Reported by: Reuters, Wall Street Journal.
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18. Men Dominate List of Doctors Receiving Largest Payments From Drug Companies, New York Times, quoted, 2014.
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 37. Association between rainfall and diagnoses of joint or back pain: retrospective claims analysis. Reported by New York Times, STAT, USA Today, US News and World Report, Health Day, and Times of London.
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39. Association between playing American football in the National Football League and long-term mortality. Reported by Reuters, TIME, Health Day, STAT, USA Today.
40. Reduction in firearm injuries during NRA annual conventions. Reported by CNN, Boston Globe, Bloomberg, Los Angeles Times, Scientific American.
41. Acute myocardial infarction mortality during dates of national interventional cardiology meetings. Reported by USA Today, Health Day, Telegraph.
42. Attention deficit-hyperactivity disorder and month of school enrollment. Reported by New York Times, Wall Street Journal, Washington Post, NPR, Reuters, Science Magazine, Health Day, Der Spiegel, NBC News, CBS News, PBS News Hour.
43. Proportion of non-US-born and noncitizen health care professionals in the United States in 2016. Reported by Reuters and PBS News Hour.
44. Association of overlapping surgery with perioperative outcomes. Reported by NPR, STAT.
45. Is great information enough? Evidence from physicians as patients. Reported by The Atlantic, Los Angeles Times.
46. Association of residency work hour reform with long term quality and costs of care of US physicians: observational study. Reported by Associated Press, Reuters, STAT, NPR.
47. Gender differences in how scientists present the importance of their research: observational study. Reported by Wall Street Journal, Washington Post, Reuters, The Atlantic, Guardian, STAT.
48. Behavioral heuristics in coronary artery bypass graft surgery. Reported by Washington Post, New York Times, Reuters, STAT, Associated Press.
49. Birth month and flu vaccination. Reported by Reuters.
50. Practice composition and sex differences in physician income: observational study. Reported by Forbes.
51. Assessing the Association Between Social Gatherings and COVID-19 Risk Using Birthdays. Reported by Newsweek, Scientific American, Health Day.
52. Female Physicians Earn An Estimated \$2 Million Less Than Male Physicians Over A Simulated 40-Year Career. Reported by New York Times, STAT News.
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