

CURRICULUM VITAE

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Current Academic Positions:

2013- Assistant Professor of Medicine, Stanford University
2013- Investigator, Center for Health Care Evaluation, Department of
Veterans Affairs Health Care System
2014- Faculty Research Fellow, National Bureau of Economic Research
2016- Faculty Fellow, Stanford Institute for Economic Policy Research

Education:

1999 BA, Mathematics and Economics, *summa cum laude*, University
of California at Riverside
2002 MSc, International Health Policy, distinction, London School of
Economics and Political Science
2003 MSc, Economics for Development, University of Oxford
2005 MD, Medicine, University of California at Los Angeles
2013 PhD, Economics, Massachusetts Institute of Technology

Postdoctoral Training:

6/2008-6/2011 Fellow, Harvard Medical School Faculty Development Fellowship
General Internal Medicine, Brigham and Women's
Hospital/Harvard Medical School
6/2006-6/2008 Resident, Internal Medicine, Brigham and Women's Hospital
6/2005-6/2006 Intern, Internal Medicine, Brigham and Women's Hospital

Past Academic Appointments:

11/2010-6/2013 Instructor in Medicine (BIDMC), Harvard Medical School

Appointments at Hospitals/Affiliated Institutions:

8/2013- Staff Physician, Internal Medicine, Palo Alto Veterans Affairs
Health Care System

11/2010-6/2013	Staff Physician, Medicine/General Medicine, Beth Israel Deaconess Medical Center
12/2008-6/2013	Staff Physician, Medicine/Internal Medicine, McLean Hospital, Massachusetts General Physicians Organization
7/2008-6/2013	Staff Physician, Medicine/Internal Medicine, Brigham and Women's Hospital

Other Professional Positions:

2011-2012	Entrepreneur in Residence, White House Office of Science and Technology Policy and US Food and Drug Administration
2008-2010	Staff Fellow, Office of Planning and Analysis, Center for Drug Evaluation and Research, US Food and Drug Administration
2007-2008	Medical Device Fellow, Center for Devices and Radiological Health, US Food and Drug Administration

Publications (Economics):

1. How Sensitive Are Low Income Families to Health Plan Prices? *American Economic Review Papers and Proceedings* 2010 May; 100(2): 292-6. (with Jonathan Gruber)
2. Teamwork and Moral Hazard: Evidence from the Emergency Department. *Journal of Political Economy* 2016 June; 124(3): 734-770.

Publications (Health Policy and Health Services Research):

1. **Chan, David C.**, Paul A. Heidenreich, Milton C. Weinstein, Gregg C. Fonarow. Heart failure disease management programs: a cost-effectiveness analysis. *American Heart Journal* 2008;155(2):332-8.
2. **Chan, David C.**, Philip K. Pollett, Milton C. Weinstein. Quantitative risk stratification in Markov chains with limiting conditional distributions. *Medical Decision Making* 2009;29:532-540.
3. Jha, Ashish K., **David C. Chan**, Abigail Ridgway, Cal Franz, David W. Bates. Improving safety and eliminating redundant tests: cutting costs in US hospitals. *Health Affairs* 2009;28(5):1475-84.
4. **Chan, David C.**, William H. Shrank, David Cutler, Michael A. Fischer, M. Alan Brookhart, Jerry Avorn, Daniel Solomon, Niteesh K. Choudhry. Patient, physician, and payment predictors of statin adherence. *Medical Care* 2010 Mar;48(3):196-202.
5. Joynt, Karen E., **David C. Chan**, John E. Orav, Ashish K. Jha. The impact of Massachusetts healthcare reform on preventable hospitalizations for previously insured Medicare patients. *Health Affairs* 2013 Mar;32(3):571-8.

6. Karen E. Joynt, **David C. Chan**, Jie Zheng, John E. Orav, Ashish K. Jha. The impact of Massachusetts health care reform on access, quality, and costs of care for the already-insured. *Health Services Research* 2014 Sep 15. doi: 10.1111/1475-6773.12228. [Epub ahead of print].

Working Papers

1. The Efficiency of Slacking Off: Evidence from the Emergency Department. Revised and resubmitted, *Econometrica*.
2. Informational Frictions and Practice Variation: Evidence from Physicians in Training.
3. A Doctor Will See You Now: Physician-patient Relationships and Clinical Decisions. (with Marit Rehavi, Erin Johnson, and Daniela Carusi)

Work in Progress

1. How Are Services Allocated Without Prices? Evidence from the Veterans Health Administration. (with Joshua Gottlieb)
2. Evaluating the Make-or-buy Decision in Social Health Insurance. (with David Card and Lowell Taylor)
3. Price-setting by Committee in Medicare. (with Michael Dickstein)
4. Diagnostic Accuracy among Radiologists. (with Matthew Gentzkow)
5. Regulating by Quantity in Medicare. (with Maria Polyakova)
6. Personalized Medicine and Patient Selection: Discretion vs. Guidelines. (with Jason Abaluck and Leila Agha)
7. Chasing Ambulance Productivity. (with Nicholas Bloom and Atul Gupta)

Honors and Prizes:

2014	NIH Director's Early Independence Award
2011	George and Obie Schultz Fund Award, MIT Department of Economics
2007	Martin P. Solomon Education Grant, Brigham and Women's Hospital
2006	Neil R. Powe Award for epidemiology and outcomes research, Johns Hopkins University School of Medicine
2005	William N. Valentine Award for highest scholarly distinction in Internal Medicine, UCLA David Geffen School of Medicine

2002-2003	George Webb Medley Grant, Oxford University, England
2002	Brian Abel-Smith for best dissertation, London School of Economics
2001-2003	British Marshall Scholarship, Association of Commonwealth Universities
2001	Rhodes Scholarship National Finalist, The Rhodes Trust
1998	Phi Beta Kappa (early election in Junior year), Phi Beta Kappa Honor Society
1997-1999	Chancellor's List, University of California at Riverside
1997	Omicron Delta Kappa, Omicron Delta Kappa Honor Society
1997	Golden Key, Golden Key Honor Society
1995-1999	Dean's List, University of California at Riverside
1995-1999	National Merit Scholarship, National Merit Scholarship Corporation
1995-1999	Regents Scholarship, University of California at Riverside
1999	Mark P. Hanna Award for best graduating mathematics major, University of California at Riverside

Funding Information:

Current:

2014-2019	<i>The Benefit and Burden of Electronic Reminders in Optimizing Patient Care</i> NIH DP5OD019903-01, PI, \$1,250,000
2015-2017	<i>Physician Behavior and Organizational Productivity</i> NIH Loan Repayment Program NIH 1 L30 AG051189-01, PI, \$70,000
2016-2017	<i>Evaluating Preferences and Training Outcomes from the Residency Match</i> NIH AG017253 (Pilot), Pilot Project Leader (Bhattacharya PI), \$25,000
2016-2017	<i>The Impact of Local Coverage Determinations on Costs and Patient Outcomes</i> NIH P30AG012810 (Pilot), Pilot Project Leader (Wise PI), \$33,000

Past:

2011	National Bureau of Economic Research Fellowship in Aging and Health Economics NIA/T32 AG000186 Declined due to other funding
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2011-2013	<i>The Effect of Universal Health Care on the Previously Insured: Evidence from Medicare in Massachusetts</i> Rx Foundation, Co-PI (Jha PI), \$254,028
2011-2013	<i>Social Networks and Peer Effects Among Emergency Physicians</i> Charles A. King Trust Postdoctoral Fellowship, PI, \$95,000
2011-2013	<i>Peer Effects in the Emergency Department on Productivity and Patient Choice</i> AHRQ F32-HS021044, PI, \$123,008
2013-2014	<i>Causes and Consequences of Physician Practice Patterns: Evidence from VA Primary Care</i> VA HSR&D LIP 14-CC1, Co-PI (Chan and Chee PIs), \$17,317
2011-2014	<i>Estimating the Potential Medicare Savings from Comparative Effectiveness Research</i> NIH R37-150127-5054662-0002, Investigator (Garber PI)
2014-2015	<i>The Role of the Doctor-patient Relationship in Decision-making</i> P30AG024957-10 Seed, Co-PI (Chan and Chee PIs), \$14,639

Invited Presentations (since 2013, including Scheduled):

American Economic Association Annual Meeting (2014, 2015, 2017), American Society of Health Economists Biennial Conference (2014, 2016), Boston University / Harvard / MIT Health Economics Seminar (2016), Carnegie Mellon University Heinz College (2013, 2015), Case Western Reserve University Economics (2015), Chicago Booth Applied Economics (2015), Chicago Booth Junior Health Economics (Whistler) (2015), Columbia Business School (2015), Columbia School of Public Health (2013), Cornell Law School (2014), Cornell Weill Medical College (2013, 2015), Dartmouth College (2013), Duke Fuqua Business School (2013, 2015), ETH Zurich (2014), Harvard Business School (2013), Harvard Medical School Department of Health Care Policy (2013), International Health Economics Association World Congress (2014), Johns Hopkins Bloomberg School of Public Health (2013, 2015), Johns Hopkins Carey Business School (2013, 2015), NBER Organizational Economics (2015), NBER Productivity Innovation and Entrepreneurship (2015), NBER Summer Institute Health Care (2013, 2015), NBER Summer Institute Personnel (2014), New York City Health Economics Seminar (Columbia, Cornell, CUNY, NYU) (2015), Paris School of Economics (2015), Queen's School of Business (2014), Queen's University Economics of Organization (2015), RAND (2013, 2014), Rice University Economics (2015), Simon Fraser (2017), Stanford Medical School (2013), Toulouse School of Economics (2015), Tulane (2016), University of Arizona Economics (2015), UBC (2017), UC Irvine Economics and Business School (2015), UCLA David Geffen School of Medicine (2013), Universat Pompeu Fabra (2016), University College London (2016), University of Illinois (2017), University of Maryland Economics (2015), University of Michigan Medical School (2013), University of Michigan Ross School of Business (2013),

University of Munich (2016), University of North Carolina Economics (2015), University of Pennsylvania Medical School (2013), University of Pennsylvania Wharton School of Business (2013), University of Rochester (2016), University of Toronto (Rotman and Economics) (2015), US Department of Justice (2015), USC Schaeffer Health Policy Center (2013, 2015), USC Price School of Public Policy (2013), UT Austin Economics (2015), Veterans Affairs Center for Health Care Evaluation (2013, 2014), Western Economic Association International (2015, 2016), and Yale Public Health (2013)

Current Licensure and Certification:

2007- Medical License, Commonwealth of Massachusetts
2008- Diplomate, American Board of Internal Medicine

Professional Service

Referee: *American Economic Journal: Economic Policy, American Economic Review, American Journal of Health Economics, European Journal of Health Economics, Journal of the American Medical Association, Journal of Health Economics, Journal of Human Resources, Journal of Labor Economics, Journal of Political Economy, Journal of Public Economics, PLOS ONE, Quarterly Journal of Economics, Review of Economic Studies*

Teaching

Stanford: Instructor, Topics in Health Economics (with Maria Polyakova), 2016

Stanford: Instructor, First-year PhD Tutorial in Health Economics, 2015

Stanford: Guest Lecture, Graduate Health Economics, 2014