

## CURRICULUM VITAE

**Date Updated:** June 24, 2022

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### Academic Positions:

4/2022 – present	Co-Director, VA QUERI Center for Policy Evaluation
2/2022 – present	Senior Fellow, Stanford Institute for Economic Policy Research
11/2021 – present	Associate Professor of Health Policy (with Tenure), Stanford University
9/2021 – 11/2021	Assistant Professor of Health Policy, Stanford University
11/2019 – 9/2021	Assistant Professor of Medicine, Stanford University (Reappointment)
9/2013 – 10/2019	Assistant Professor of Medicine, Stanford University (Initial Appointment)
9/2013 – present	Investigator, Center for Health Care Evaluation, Department of Veterans Affairs Health Care System
6/2014 – present	Faculty Research Fellow, National Bureau of Economic Research
2/2016 – 2/2022	Faculty Fellow, Stanford Institute for Economic Policy Research
11/2017 – 10/2019	Assistant Professor of Health Research and Policy, Stanford University (by courtesy)

### Education:

1999	BA, Mathematics and Economics, <i>summa cum laude</i> , 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

**Appointments at Hospitals/Affiliated Institutions:**

8/2013 – present	Staff Physician, Internal Medicine, Palo Alto Veterans Affairs Health Care System
11/2010 – 6/2013	Instructor in Medicine (BIDMC), Harvard Medical School
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
2019 – present	Advisory Committee Member, NBER Roybal Center for Behavioral Change in Health

**Publications (Economics):**

1. Selection with Skills: Evidence from Radiologists. *Quarterly Journal of Economics* 2022 May; 137(2): 729-783. (with Matthew Gentzkow and Chuan Yu)
2. Influence and Information in Team Decisions: Evidence from Medical Residency. *American Economic Journal: Economic Policy* 2021 Feb; 13(1): 106-37.
3. Provider Discretion and Variation in Resource Allocation: The Case of Triage Decisions. *American Economic Association Papers and Proceedings* 2020 May; 110: 279-283. (with Jonathan Gruber)
4. Industry Input in Policymaking: Evidence from Medicare. *Quarterly Journal of Economics* 2019 August; 134(3): 1299-1342. (with Michael Dickstein)
5. The Efficiency of Slacking Off: Evidence from the Emergency Department. *Econometrica* 2018 May; 86(3): 997-1030.
6. Teamwork and Moral Hazard: Evidence from the Emergency Department. *Journal of Political Economy* 2016 June; 124(3): 734-770.

7. How Sensitive Are Low Income Families to Health Plan Prices? *American Economic Association Papers and Proceedings* 2010 May; 100(2): 292-6. (with Jonathan Gruber)

#### Working Papers (Economics)

1. Is There a VA Advantage? Evidence from Dually Eligible Veterans. 2022 February, NBER Working Paper 29765, available at <https://www.nber.org/papers/w29765>. Revision requested at *American Economic Review*. (with David Card and Lowell Taylor)
2. Fixing Misallocation with Guidelines: Awareness vs. Adherence. 2021 July, NBER Working Paper 27467, available at <https://www.nber.org/papers/w27467>. (with Jason Abaluck, Leila Agha, Daniel Singer, and Diana Zhu)
3. A Doctor Will See You Now: Physician-patient Relationships and Clinical Decisions. 2016 September, NBER Working Paper 22666, available at <https://www.nber.org/papers/w22666>. (with Marit Rehavi, Erin Johnson, and Daniela Carusi)

#### Publications (Health Policy and Health Services Research):

1. **Chan, David C.**, Kaveh Danesh, Sydney Costantini, David Card, Lowell Taylor, and David M. Studdert. Mortality among US Veterans after Emergency Visits to Veterans Affairs and Other Hospitals: Retrospective Cohort Study. *BMJ* 2022; 376 (February): e068099. doi:10.1136/bmj-2021-068099.
2. Reif, Julian, **David C. Chan**, Damon Jones, Laura Payne, David Molitor. Effects of a Workplace Wellness Program on Employee Health, Health Beliefs, and Medical Use: A Randomized Clinical Trial. *JAMA Internal Medicine* 2020 May 26. doi:10.1001/jamainternmed.2020.1321. [Epub ahead of print].
3. **Chan, David C.**, Johnny Huynh, David M. Studdert. The Accuracy of Valuations of Surgical Procedures in the Medicare Fee Schedule. *New England Journal of Medicine* 2019 Apr 18; 380(16):1546-1544.
4. Joynt, Karen E., **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].
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):571-578.
6. **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.

7. 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):1475-1484.
8. **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.
9. **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):332-338.

### Policy Briefs

1. Soldiering On: Improving Policies to Benefit America's Veterans. 2021 February. Stanford Institute for Economic Policy Research Policy Brief. (with Mark Duggan and Audrey Guo)

### Invited Commentary

1. Agha, Leila, Jonathan Skinner, **David C. Chan**. Improving Efficiency in Medical Diagnosis. *JAMA* 2022 May 23. doi.org/10.1001/jama.2022.8587. [Epub ahead of print].
2. **Chan, David C.**, Joshua D. Gottlieb. Economic Incentives for Chest Physicians. *CHEST* 2022 April 1; 161(4): 1122-1123. doi.org/10.1016/j.chest.2021.12.652

### Work in Progress

1. Triage Judgments in the Emergency Department. (with Jonathan Gruber, Peter Hull, and Chris Walters)
2. Regulating by Quantity in Medicare. (with Maria Polyakova)

### Honors and Prizes:

2021	<i>American Economic Journal: Economic Policy</i> Excellence in Refereeing Award
2019	Stanford Department of Medicine Teaching Award
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:

2022-2026	Measuring and Understanding Diagnostic Quality from Large-Scale Data AHRQ R01 HS027990-01A1, PI, \$1,994,634
2022-2024	Increasing Fairness in Decision-Making for Health Equity Stanford Impact Labs, Co-PI (Chan and Rose PIs), \$539,957
2022-2027	Center for Policy Evaluation VA QUERI EBP 22-108, Co-PI (Chan, Vashi, and Wagner PIs), \$4,097,037
2018-2024	Evaluating the VA Make-or-Buy Decision in Emergency Care VA HSRD 1 I01 HX002631-01, PI, \$1,093,544

#### Past:

2016-2020	The Impact of Local Coverage Determinations on Costs and Patient Outcomes NIH P30AG012810 (Pilot), Pilot Project Leader (Wise PI), \$33,000
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2014-2020	The Benefit and Burden of Electronic Reminders in Optimizing Patient Care NIH DP5OD019903-01, PI, \$1,250,000
2016-2017	Evaluating Preferences and Training Outcomes from the Residency Match NIH AG017253 (Pilot), Pilot Project Leader (Bhattacharya PI), \$25,000
2015-2017	Physician Behavior and Organizational Productivity NIH Loan Repayment Program NIH 1 L30 AG051189-01, PI, \$70,000
2014-2015	The Role of the Doctor-patient Relationship in Decision-making Co-PI (Chan and Chee PIs) P30AG024957-10 Seed, \$14,639
2013-2014	Causes and Consequences of Physician Practice Patterns: Evidence from VA Primary Care Co-PI (Chan and Chee PIs) VA HSR&D LIP 14-CC1, \$17,317
2011-2014	Estimating the Potential Medicare Savings from Comparative Effectiveness Research NIH R37-150127-5054662-0002, Investigator (Garber PI)
2011-2013	The Effect of Universal Health Care on the Previously Insured: Evidence from Medicare in Massachusetts Rx Foundation, Co-PI (Jha PI), \$254,028
2011-2013	Social Networks and Peer Effects Among Emergency Physicians Charles A. King Trust Postdoctoral Fellowship, PI, \$95,000
2011-2013	Peer Effects in the Emergency Department on Productivity and Patient Choice AHRQ F32-HS021044, PI, \$123,008
2011	National Bureau of Economic Research Fellowship in Aging and Health Economics NIA/T32 AG000186 Declined due to other funding

**Invited Presentations (since 2013, including Scheduled):**

1. American Society of Health Economists Conference (Plenary Chair); Austin, TX (6/27/2022)
2. Brigham Young University (Visiting Scholar); Provo, UT (3/17/2022-3/18/2022)

3. UC Berkeley School of Public Health; Berkeley, CA (2/8/2022)
4. University of Chicago Harris School of Public Policy; Chicago, IL (11/3/2021)
5. UCLA, Anderson School of Management; Los Angeles, CA (10/29/2021)
6. University of Chicago, Stigler Center; Chicago, IL (10/21/2021)
7. Harvard Medical School, Department of Health Care Policy; Boston, MA (9/24/2021)
8. Northwestern University, Kellogg School of Management; Evanston, IL (9/22/2021)
9. Imperial College London, Economics; London, UK (virtual) (5/4/2021)
10. Boston University / Harvard / MIT Health Economics Seminar; Boston, MA (virtual) (4/28/2021)
11. University of Bristol, Economics; Bristol, UK (virtual) (4/21/2021)
12. NBER Health Care; virtual, national attendance (12/3/2020)
13. Wharton Operations, Information, and Decisions (OID); Philadelphia, PA (virtual) (10/19/2020)
14. Western Economic Association International; Denver, CO (6/26/2020, cancelled due to COVID-19)
15. American Thoracic Society, Keynote Address; Philadelphia, PA (5/16/2020, cancelled due to COVID-19)
16. Brigham Young University, Economics; Provo, UT (4/16/2020, cancelled due to COVID-19)
17. Whistler Junior Health Economics Summit; Vancouver, Canada (3/6/2020)
18. American Economic Association Annual Meeting; San Diego, CA (1/4/2020)
19. Analysis Group; Boston, MA (12/17/2019)
20. Northwestern University, Economics and Kellogg School of Management; Evanston, IL (12/12/2019)
21. McGill University, Economics; Montreal, Canada (11/16/2019)
22. Rice University, Baker Institute of Policy Roundtable; Houston, TX (11/8/2019)
23. Erasmus University, Economics; Rotterdam, Netherlands (10/25/2019)
24. University College London, Economics; London, UK (10/28/2019)
25. Department of Veterans Affairs; Washington, DC (9/23/2019)
26. Lund University, Economics; Lund, Sweden (9/12/2019)
27. University of Copenhagen, Economics; Copenhagen, Denmark (9/11/2019)
28. NBER Summer Institute Health Care; Cambridge, MA (7/25/2019)
29. American Society of Health Economists Conference; Washington, DC (6/24/2019)
30. NBER Machine Learning in Health Care; Cambridge, MA (5/9/2019)
31. University of Chicago, Health Economics Annual Conference; Chicago, IL (4/27/2019)
32. UC Berkeley Labor; Berkeley, CA (4/11/2019)
33. Carnegie Mellon University Tepper School of Business; Pittsburgh, CA (3/5/2019)
34. National University of Singapore; Singapore (12/6/2018)
35. National Taiwan University; Taipei, Taiwan (12/4/2018)
36. Hong Kong University Business and Economics; Hong Kong (12/3/2018)
37. Princeton University, Economics; Princeton, NJ (11/19/2018)
38. RAND, Applied Microeconomics; Santa Monica, CA (11/5/2018)
39. UC Santa Barbara, Economics; Santa Barbara, CA (10/17/2018)
40. McGill University, Economics; Montreal, Canada (10/3/2018)

41. HEC Montreal, Economics; Montreal, Canada (10/2/2018)
42. New York City Health Economics Seminar (Columbia, Cornell, CUNY, NYU); New York, NY (9/6/2018)
43. Columbia University Department of Economics; New York, NY (9/4/2018)
44. NBER Summer Institute Health Care; Cambridge, MA (7/27/2018)
45. Society for Institutional and Organizational Economics; Montreal, Canada (6/23/2018)
46. American Society of Health Economists Biennial Conference; Atlanta, GA (6/11/2018)
47. NBER Machine Learning in Health Care; Cambridge, MA (6/4/2018)
48. London School of Economics; London, UK (5/15/2018)
49. UC Berkeley Industrial Organization; Berkeley, CA (5/8/2018)
50. Duke Law School; Durham, NC (4/6/2018)
51. UC San Diego Economics; San Diego, CA (4/2/2018)
52. University College Dublin; Dublin, Ireland (3/16/2018)
53. Chicago Booth Junior Health Economics; Vancouver, Canada (2/16/2018)
54. Harvard / MIT / Stanford / World Bank Empirical Management Conference; Washington, DC (12/7/2017)
55. George Washington University; Washington, DC (12/6/2017)
56. NBER Organizational Economics; Cambridge, MA (11/18/2017)
57. University of Pennsylvania Leonard Davis Institute; Philadelphia, PA (11/10/2017)
58. Cornell Economics and Policy (joint); Ithaca, NY (11/8/2017)
59. Annual Health Economics Conference (AHEC); Los Angeles, CA (10/20/2017)
60. MIT Organizational Economics; Cambridge, MA (10/12/2017)
61. Harvard Medical School Department of Health Care Policy; Boston, MA (10/11/2017)
62. Caltech; Pasadena, CA (10/3/2017)
63. USC Schaeffer Health Policy Center; Los Angeles, CA (9/12/2017)
64. International Health Economics Association World Congress; Boston, MA (7/10/2017)
65. Society for Institutional and Organizational Economics SIOE) Annual Meeting; New York, NY (6/19/2017)
66. Highland Health Economics Symposium; Roshven, Scotland, UK (6/19/2017)
67. Washington University Olin Business School; St. Louis, MO (5/12/2017)
68. US Federal Trade Commission; Washington, DC (4/24/2017)
69. US Department of Justice; Washington, DC (4/23/2017)
70. University of Illinois; Champaign, IL (4/11/2017)
71. Montreal Political Economy Conference; Montreal, Canada (3/30/2017)
72. Simon Fraser University; Burnaby, Canada (3/8/2017)
73. University of British Columbia; Vancouver, Canada (3/7/2017)
74. Berkeley-Stanford Health Economics Workshop; Stanford, CA (2/24/2017)
75. Chicago Booth Junior Health Economics; Vancouver, Canada (2/17/2017)
76. American Economic Association Annual Meeting; Chicago, IL (1/6/2017)
77. Western Economic Association International; Portland, OR (7/1/2016)
78. American Society of Health Economists Biennial Conference; Philadelphia, PA (6/14/2016)
79. Universat Pompeu Fabra; Barcelona, Spain (4/14/2016)



80. University of Munich; Munich, Germany (4/12/2016)
81. University College London; London, UK (4/11/2016)
82. NBER Health Care; Cambridge, MA (3/11/2016)
83. Boston University / Harvard / MIT Health Economics Seminar; Boston, MA (3/9/2016)
84. UT Austin Economics; Austin, TX (2/29/2016)
85. Tulane; New Orleans, LA (2/19/2016)
86. Johns Hopkins Carey Business School; Baltimore, MD (12/9/2015)
87. University of North Carolina Economics; Chapel Hill, NC (11/3/2015)
88. Duke Fuqua Business School; Durham, NC (11/2/2015)
89. Chicago Booth Applied Economics; Chicago, IL (10/28/2015)
90. US Department of Justice; Washington, DC (10/21/2015)
91. University of Maryland Economics; College Park, MD (10/20/2015)
92. University of Rochester; Rochester, NY (10/16/2015)
93. Paris School of Economics; Paris, France (9/30/2015)
94. Toulouse School of Economics; Toulouse, France (9/28/2015)
95. University of Arizona Economics; Tucson, AZ (9/3/2015)
96. Western Economic Association International; Honolulu, HI (6/30/2015)
97. Queen's University Economics of Organization; Kingston, Canada (6/11/2015)
98. University of Toronto Rotman and Economics; Toronto, Canada (6/9/2015)
99. USC Schaeffer Health Policy Center; Los Angeles, CA (6/3/2015)
100. UC Irvine Economics and Business School; Irvine, CA (6/2/2015)
101. New York City Health Economics Seminar (Columbia, Cornell, CUNY, NYU); New York, NY (5/15/2015)
102. Cornell Weill Medical College; New York, NY (5/14/2015)
103. NBER Organizational Economics; Cambridge, MA (4/24/2015)
104. Rice University Economics; Houston, TX (4/21/2015)
105. Columbia Business School; New York, NY (4/8/2015)
106. NBER Productivity Innovation and Entrepreneurship; Cambridge, MA (3/20/2015)
107. Chicago Booth Junior Health Economics; Vancouver, Canada (3/14/2015)
108. Carnegie Mellon University Heinz College; Pittsburgh, PA (2/27/2015)
109. Case Western Reserve University Economics; Cleveland, OH (2/18/2015)
110. American Economic Association Annual Meeting; Boston, MA (1/3/2015)
111. Veterans Affairs Center for Health Care Evaluation; Menlo Park, CA (9/30/2014)
112. RAND; Santa Monica, CA (9/22/2014)
113. NBER Summer Institute Personnel Economics; Cambridge, MA (7/24/2014)
114. International Health Economics Association World Congress; Dublin, Ireland (7/16/2014)
115. American Society of Health Economists Biennial Conference; Los Angeles, CA (6/24/2014)
116. Cornell Law School; Ithaca, NY (4/11/2014)
117. MIT Organizational Economics; Cambridge, MA (4/10/2014)
118. ETH Zurich; Zurich, Switzerland (2/19/2014)
119. Queen's School of Business; Kingston, Canada (2/7/2014)
120. American Economic Association Annual Meeting; Philadelphia, PA (1/4/2014)
121. NBER Summer Institute Health Care (7/25/2013)
122. Dartmouth College; Hanover, NH (3/13/2013)

123. USC Price School of Public Policy; Los Angeles, CA (3/6/2013)
124. Johns Hopkins Carey Business School; Baltimore, MD (2/15/2013)
125. Johns Hopkins Bloomberg School of Public Health; Baltimore, MD (2/14/2013)
126. Columbia School of Public Health; New York, NY (2/8/2013)
127. Duke Fuqua Business School; Durham, NC (2/6/2013)
128. Carnegie Mellon University Heinz College; Pittsburgh, PA (2/4/2013)
129. Cornell Weill Medical College; New York, NY (2/1/2013)
130. Yale Public Health; New Haven, CT (1/30/2013)
131. Harvard Business School; Cambridge, MA (1/28/2013)
132. University of Pennsylvania Medical School; Philadelphia, PA (1/22/2013)
133. University of Michigan Ross School of Business; Ann Arbor, MI (1/22/2013)
134. University of Michigan Medical School; Ann Arbor, MI (1/22/2013)
135. USC Schaeffer Health Policy Center; Los Angeles, CA (1/18/2013)
136. Harvard Medical School Department of Health Care Policy; Boston, MA (1/15/2013)
137. University of Pennsylvania Wharton School of Business; Philadelphia, PA (1/14/2013)
138. UCLA David Geffen School of Medicine; Los Angeles, CA (1/8/2013)
139. RAND; Santa Monica, CA (1/7/2013)

**Licensure and Certification:**

2007-	Medical License, Commonwealth of Massachusetts
2008-2019	Diplomate, American Board of Internal Medicine

**Professional Service**

**Grant Proposal Reviewer:**

Military Health System Research  
Israel Science Foundation  
US-Israel Binational Science Foundation  
J-PAL  
Sloan Foundation

**Journal Ad Hoc Referee:**

*American Economic Journal: Applied Economics*  
*American Economic Journal: Economic Policy*  
*American Economic Journal: Microeconomics*  
*American Economic Review*  
*American Journal of Health Economics*  
*American Journal of Managed Care*  
*Econometrica*  
*Economic Inquiry*  
*European Journal of Health Economics*  
*JAMA Internal Medicine*

*Journal of the American Medical Association*  
*Journal of the European Economic Association*  
*Journal of Health Economics*  
*Journal of Human Resources*  
*Journal of Labor Economics*  
*Journal of Political Economy*  
*Journal of Political Economy Microeconomics*  
*Journal of Public Economics*  
*Management Science*  
*New England Journal of Medicine*  
*PLOS ONE*  
*Quarterly Journal of Economics*  
*RAND Journal of Economics*  
*Review of Economics and Statistics*  
*Review of Economic Studies*  
*Science*

## **Teaching**

1. Stanford ECON/HRP/MED 249: Instructor, Topics in Health Economics (with Neale Mahoney and Maria Polyakova), 2016-
2. Stanford HRP 201: Guest Lecturer, Health Policy Graduate Student Tutorial, 2020-
3. Stanford HRP 252: Instructor, Outcomes Analysis (with Eran Ben David and Jay Bhattacharya), 2016-2019
4. Stanford: Instructor, First-year PhD Tutorial in Health Economics, 2015
5. National Bureau of Economic Research: Lecturer, Health Care Bootcamp, December 2019