

NATHANIEL HENDREN

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CURRICULUM VITAE

Recent Employment

2023 - present Professor of Economics, MIT
2017 - 2023 Professor of Economics, Harvard University
2013 - 2017 Assistant Professor of Economics, Harvard University
2012 - 2013 Health and Aging Post-Doctoral Fellow, National Bureau of Economic Research

Education

2007 - 2012 MIT, PhD Economics
2001 - 2005 University of Chicago, B.S. Mathematics and Economics

Professional Activities

2020 - present Founding Co-Director, *Policy Impacts*
2018 - present Founding Co-Director, *Opportunity Insights*
2021 - present Lead Editor, *Journal of Public Economics*
2017 - 2021 Co-Editor, *Journal of Public Economics*
2017 - present Associate Editor, *AER: Insights*
2012 - present Faculty Research Fellow, National Bureau of Economic Research
2015 - 2017 Associate Editor, *Review of Economics and Statistics*

Fellowships and Honors

2024 American Academy of Arts and Sciences
2019 Presidential Early Career Award for Scientists and Engineers
2017 - 2018 Excellence in Refereeing Award, American Economic Review
2016 Sloan Research Fellowship
2015 Furer Fellow, Harvard University
2013 Heinz Dissertation Award, National Academy of Social Insurance
2012 Ernst Meyer Prize, The Geneva Association
2012 Review of Economic Studies Tour
2009 - 2012 NBER Health and Aging Pre-doctoral Fellowship
2007 - 2010 National Science Foundation Graduate Research Fellowship
2005 D. Gale Johnson award for undergraduate economics thesis
2005 Phi-Beta Kappa (Junior Year)
2005 University of Chicago Student Marshall

Published (and Forthcoming) Papers

1. A Welfare Analysis of Tax Audits Across the Income Distribution (with Will C. Boning, Ben Sprung-Keyser, and Ellen Stuart) *Quarterly Journal of Economics*, 140: 63-112
2. Opportunity Unraveled: Private Information and the Missing Markets for Financing Human Capital (with Dan Herbst), *American Economic Review*, 114 (7), 2024-2072, 2024
3. The Economic Impacts of COVID-19: Evidence from a New Public Database Built Using Private Sector Data (with Raj Chetty, John Friedman, Michael Stepner, and The Opportunity Insights Team), *Quarterly Journal of Economics*, 139 (2), 829-889, 2024.
4. Creating Moves to Opportunity: Experimental Evidence on Barriers to Neighborhood Choice (with Peter Bergman, Raj Chetty, Stefanie DeLuca, Lawrence F. Katz, and Christopher Palmer), *American Economic Review*, 114 (5), 1281-1337, 2024
5. Social Capital I: Measurement and Associations with Economic Mobility (with Raj Chetty, Matthew O. Jackson, Theresa Kuchler, Johannes Stroebe, et. al), *Nature*, 608, 180–121, 2022
6. Social Capital II: Determinants of Economic Connectedness (with Raj Chetty, Matthew O. Jackson, Theresa Kuchler, Johannes Stroebe, et. al), *Nature*, 608, 122–134, 2022
7. Measuring Ex-Ante Welfare in Insurance Markets, *Review of Economic Studies*, 88 (3): 1193–1223, 2021.
8. Choice in Insurance Markets: A Pigouvian Approach to Social Insurance Design (with Camille Landais and Johannes Spinnewijn), *Annual Review of Economics*, 13, 457–486, 2021.
9. Welfare Analysis Meets Causal Inference (with Amy Finkelstein), *Journal of Economic Perspectives*, 34 (4), 146–167, 2020
10. A Unified Welfare Analysis of Government Policies (with Ben Sprung-Keyser), *Quarterly Journal of Economics*, 135 (3), 1209–1318, 2020
11. Race and Economic Opportunity in the United States: An Intergenerational Perspective (with Raj Chetty, Maggie R. Jones, and Sonya Porter), *Quarterly Journal of Economics*, 135 (2), 711–783, 2020
12. Measuring Economic Efficiency Using Inverse-Optimum Weights, *Journal of Public Economics*, 187, 1–13, 2020
13. The Value of Medicaid: Interpreting Results from the Oregon Health Insurance Experiment (with Amy Finkelstein and Erzo F. P. Luttmer), *Journal of Political Economy*, 127 (6), 2836–2874, 2019

14. Subsidizing Health Insurance for Low-Income Adults: Evidence from Massachusetts (with Amy Finkelstein and Mark Shepard), *American Economic Review*, 109 (4), 1530–1567, 2019
15. The Impacts of Neighborhoods on Intergenerational Mobility I: Childhood Exposure Effects (with Raj Chetty), *Quarterly Journal of Economics*, 133 (3), 1107–1162, 2018
16. The Impacts of Neighborhoods on Intergenerational Mobility II: County-Level Estimates (with Raj Chetty), *Quarterly Journal of Economics*, 133 (3), 1163–1228, 2018
17. The Fading American Dream: Trends in Absolute Income Mobility Since 1940, (with Raj Chetty, David Grusky, Maximilian Hell, Robert Manduca, and Jimmy Narang), *Science*, 356 (6336), 398–406, 2017
18. Knowledge of Future Job Loss and Implications for Unemployment Insurance, *American Economic Review*, 107 (7), 1778–1823, 2017
19. The Effects of Exposure to Better Neighborhoods on Children: New Evidence from the Moving to Opportunity Experiment (with Raj Chetty and Lawrence Katz), *American Economic Review*, 106 (4), 855–902, 2016
20. Childhood Environment and Gender Gaps in Adulthood (with Raj Chetty, Frina Lin, Jeremy Majerovitz and Benjamin Scuderi), *American Economic Review Papers and Proceedings*, 106 (5), 282–288, 2016
21. The Policy Elasticity, *Tax Policy and the Economy*, 30, 51–89, 2016
22. Is the United States Still a Land of Opportunity? Recent Trends in Intergenerational Mobility (with Raj Chetty, Patrick Kline, Emmanuel Saez, and Nicholas Turner), *American Economic Review: Papers and Proceedings*, 104 (5), 141–147, 2014; See longer version: *NBER Working Paper #19844*
23. Where is the Land of Opportunity? The Geography of Intergenerational Mobility in the United States (with Raj Chetty, Patrick Kline, and Emmanuel Saez), *Quarterly Journal of Economics*, 129 (4), 1553–1623, 2014
24. Unraveling versus Unraveling: A Memo on Competitive Equilibriums and Trade in Insurance Markets, *Geneva Risk and Insurance Review*, 39 (2), 176–183, 2014
25. The Great Equalizer: Health Care Access and Infant Mortality in Thailand (with Jonathan Gruber and Robert M. Townsend), *American Economic Journal: Applied Economics*, 6 (1), 91–107, 2014
26. Private Information and Insurance Rejections, *Econometrica*, 81 (5), 1713–1762, 2013

Working Papers

1. A Welfare Analysis of Policies Impacting Climate Change (with Robert W. Hahn, Robert D. Metcalfe, and Ben Sprung-Keyser), *Revise and Resubmit, American Economic Review*

2. The Radius of Economic Opportunity: Evidence from Migration and Local Labor Markets (with Benjamin Sprung-Keyser and Sonya Porter), Working Paper # CES-22-27
3. The Case for the MVPF in Empirical Welfare Analysis (with Benjamin Sprung-Keyser), NBER Working Paper #30029
4. The Opportunity Atlas: Mapping the Childhood Roots of Social Mobility (with Raj Chetty, John Friedman, Maggie R. Jones, and Sonya Porter), Working Paper, (R&R, *American Economic Review*)

Grants

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| 2020-2027 | Policy Impacts support from Spiegel Family Foundation |
| 2019-2022 | Co-PI Opportunity Insights Core Funding (Gates Foundation and Chan Zuckerberg Initiative) |
| 2017-2022 | National Science Foundation #1653686: CAREER: Market Imperfections and the Welfare Measurement of Government Intervention |
| 2013-2016 | National Science Foundation #1260964 (Joint with Raj Chetty): <i>Pathways to Economic Opportunity and Intergenerational Mobility</i> |
| 2014-2016 | Smith Richardson Foundation grant for “The Determinants of Intergenerational Mobility in the United States” (Co-PI with Raj Chetty and John Friedman) |
| 2013-2016 | Laura and John Arnold Foundation Grant for “Where is the Land of Opportunity? The Geography of Intergenerational Mobility in the U.S.” (Co-PI with Raj Chetty) |

Recent Referee Experience

American Economic Review, Econometrica, Quarterly Journal of Economics, The Journal of Political Economy, The Review of Economic Studies, Journal of Public Economics, American Economic Journal: Economic Policy, American Economic Journal: Applied Economics, Review of Economics and Statistics, Journal of the European Economic Association, The Economic Journal, AERA Open, Journal of Labor Economics, Journal of Regional Science, Journal of Economic Inequality, Journal of Urban Economics, Journal of Risk and Insurance, Journal of Health Economics, Journal of Human Capital, Cityscapes, International Journal of Public Policy, Scandinavian Journal of Economics, Theoretical Economics, Journal of Economic Theory, Demography, Pediatrics

Book Reviews

Review of "Insurance and Behavioral Economics: Improving Decisions in the Most Misunderstood Industry." By Howard C. Kunreuther, Mark V. Pauly, and Stacey McMorrow. Cambridge and New York: Cambridge University Press, 2013. Pp. xii, 329." *Journal of Economic Literature*, 53, 124, 2015

Graduate Students (Thesis committee member or letter writer). Initial placement in parentheses

1. Arash Nekoei (Stockholm IIES), 2014
2. Matthew Resseger (Boston Redevelopment Authority), 2014
3. Adam Guren (Boston University), 2014
4. Itzik Fadlon (UC San Diego), 2015

5. Sonia Jaffe (University of Chicago, Becker Friedman Institute Post-Doc), 2015
6. Samuel Stolper (U of Michigan School of Natural Resources), 2016
7. Ben Lockwood (Wharton), 2016
8. Gal Wettstein, (Office of Tax Analysis), 2016
9. Jessica Laird (Mathematica), 2017
10. Karen Stockley (Congressional Budget Office), 2017
11. Mitra Akhtari (AirBnB), 2017
12. Andrew Garin (University of Illinois), 2018
13. Val Bolotnyy (Hoover Institution), 2019
14. Ellora Derenoncourt (Berkeley), 2019
15. Yizhou Jin (Berkeley Post-Doc), 2019
16. Jessica Liu (Cornerstone), 2019
17. Matteo Paradisi (NBER Post-Doc, EIEF), 2019
18. Gabriel Tourek (Sloan Post-Doc), 2019
19. Alex Bell (Post-Doc at UCLA California Policy Lab), 2020
20. Lisa Abraham (RAND), 2020
21. Eric Anderson (Amazon), 2021
22. Joshua Hurwitz (American Road & Transportation Builders Association), 2021
23. Natalia Emanuel (NY Fed, Princeton Post-Doc), 2021
24. Emma Harrington (Iowa, Princeton Post-Doc), 2021
25. Enrico Di Gregorio (IMF), 2022
26. Myles Wagner (Ohio State), 2023
27. Kadeem Noray (MIT postdoc), 2023
28. Jenna Anders (Berkeley Post-doc; UVA), 2024
29. Antonio Coran (Bank of Italy), 2024
30. Laura Morris (LSE, fellow), 2024
31. Tridevi Chakma (Cornerstone), 2024
32. Benjamin Goldman (Cornell), 2024
33. Chika Okafor (NBER post-doc), 2024
34. Ben Sprung-Keyser (Wharton), 2024

Board Membership

- 2024 – 2026 Advisory Board, Edward Jones
- 2023 – 2025 Advisory Board, Opportunity And Inclusive Growth Initiative (Mpls Fed Reserve)

Past Employment

- 2005 – 2007 Associate, Boston Consulting Group
- 2003 – 2005 Research Assistant to Timothy Conley at University of Chicago GSB
- 2001 – 2002 Appointment Setter, American Summit Mortgage Company
- 2001 Temp Agency Worker, Pro Staff
- 1998 – 2000 Concessions Attendant, Waconia Movie Theater
- 1994 – 1998 Driving Range Picker / Assistant, Island View Golf Club, Waconia, MN

Personal

Hobbies: Weightlifting, Hiking, Travel

Birthday: December 13, 1982