

HANNES SCHWANDT

APRIL 2024

School of Education and Social Policy
Northwestern University
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CURRENT POSITIONS AND AFFILIATIONS

Northwestern University

School of Education and Social Policy (SESP)

Associate Professor (with tenure), since 9/2022

Assistant Professor, 8/2018—8/2022

Buehler Center for Health Policy and Economics, School of Medicine

Associate Director, since 2021

Institute for Policy Research, Fellow, since 2018

Department of Economics, courtesy appointment, since 2018

American Economic Journal: Economic Policy, Editorial Board, since 1/2024

Chicago Federal Reserve, Visiting Scholar, 2018—2020, 2022—2024

NBER, Research Associate (Children, Health Care), since 2020

CEPR, Research Affiliate, since 2017

IZA, Research Fellow, since 2014

PREVIOUS POSITIONS

University of Zurich, Economics Department

Visiting Assistant Professor, 6/2022—7/2022

Stanford University, Stanford Institute for Economic Policy Research

Visiting Assistant Professor, 8/2018—6/2019

University of Zurich, Department of Economics

Assistant Professor, 2015—2018

University of Zurich, Jacobs Center for Productive Youth Development

Assistant Professor, 2015—2018

Princeton University, Center for Health and Wellbeing

Post-doctoral Research Associate, 2012—2015

EDUCATION

Universitat Pompeu Fabra, Spain

European Doctoral Program, joint with **London School of Economics**

Ph.D. in Economics, 2012

University of Munich (LMU), Germany

B.A. in Economics, *Best GPA*, 2006

TEACHING AND RESEARCH FIELDS

Health Economics, Labor Economics, Economic Demography

WORKING PAPERS

“Trauma at School: The Impacts of Shootings on Students’ Human Capital and Economic Outcomes,” NBER WP 28311, with *Marika Cabral, Bokyung Kim, Maya Rossin-Slater, and Molly Schnell*
R&R Review of Economic Studies

“Germs in the Family: The Long-Term Consequences of Intra-Household Endemic Respiratory Disease Spread,” NBER WP 29524, with *Meltem Daysal, Hui Ding, and Maya Rossin-Slater*
R&R American Economic Review

“Socio-Economic Decline and Death: The Life-Cycle Impacts of Recessions for Labor Market Entrants,” new version April 2023, with *Till von Wachter*

“The Lasting Legacy of Seasonal Influenza: In-utero Exposure and Labor Market Outcomes,” CEPR Discussion Paper 12653

“Measuring the Human Capital Impacts of Infectious Disease Elimination,” with *Caroline Chuard, Alex Becker, and Masahiko Haraguchi*

PUBLICATIONS

“The Covid-19 Baby Bump in the United States”
with *Martha Bailey and Janet Currie*
Proceedings of the National Academy of Sciences (PNAS) 120(34) 2023.

“The Impact of Car Pollution on Infant and Child Health: Evidence from Emissions Cheating,” with *Diane Alexander*
Review of Economic Studies 89(6): 2872-2910, 2022.

“Changes in the Relationship Between Income and Life Expectancy Before and During the COVID-19 Pandemic, California, 2015-2021” (lead author), with *Janet Currie, Till von Wachter, Jonathan Kowalski, Derek Chapman, Steven H. Woolf*
JAMA 328(4):360-366, 2022.

“Inequality in Mortality between Black and White Americans by Age, Place, and Cause, and in Comparison to Europe, 1990-2018” (lead author), with *Janet Currie, Marlies Bär, James Banks, Paola Bertoli, Aline Bütikofer, Sarah Cattan, Beatrice Zong-Ying Chao, Claudia Costa, Libertad Gonzalez, Veronica Grembi, Kristiina Huttunen, René Karadacic, Lucy Kraftman, Sonya Krutikova, Stefano Lombardi, Peter Redler, Carlos Riumallo-Herl, Ana Rodriguez-González, Kjell Salvanes, Paula Santana, Josselin Thuilliez, Eddy van Doorslaer, Tom Van Ourti, Joachim Winter, Bram Wouterse, and Amelie Wuppermann*
Proceedings of the National Academy of Sciences (PNAS) 118(40), 2021.

“The Opioid Epidemic Was Not Caused by Economic Distress But by Factors that Could be More Rapidly Addressed,” with *Janet Currie*
The ANNALS of the American Academy of Political and Social Science

695(1):276-291, 2021.

“Local Exposure to School Shootings and Youth Antidepressant Use,” *with Maya Rossin-Slater, Molly Schnell, Sam Trejo, and Lindsey Uniati*
Proceedings of the National Academy of Sciences (PNAS) 117(38), 2020.

“Poorly Measured Confounders are More Useful on the Left Than on the Right,”
with Zhuan Pei and Jörn-Steffen Pischke
Journal of Business and Economic Statistics 37(2), 2019.

“Unlucky Cohorts: Estimating the Long-term Effects of Entering the Labor Market in a Recession in Large Cross-sectional Data Sets,” *with Till von Wachter*
Journal of Labor Economics 37(1), 2019.

“Wealth Shocks and Health Outcomes: Evidence from Stock Market Fluctuations,”
American Economic Journal: Applied Economics, 10(4), 2018.

“Inequality in Mortality Decreased Among the Young While Increasing for Older Adults, 1990–2010,” *with Janet Currie*
Science 352(6286), 2016.

Cross-country extensions of Science (2016) paper:

“The Evolution of Mortality Inequality in 11 OECD Countries,” *with James Banks, Janet Currie, Sonya Krutikova, and Kjell G. Salvanes*
Fiscal Studies 42(1), 9-23, 2021.

“Inequality in Mortality: Updated Estimates for the United States, Canada and France,” *w. Michael Baker, Janet Currie, Boriana Miloucheva, Josselin Thuilliez*
Fiscal Studies 42(1), 25-46, 2021.

“Geographic Inequality in Income and Mortality in Germany,” *with Peter Redler, Amelie Wuppermann, Joachim Winter, and Janet Currie*
Fiscal Studies 42(1), 147-170, 2021.

“Pauvreté, Égalité, Mortalité: Mortality (In)Equality in France and the United States,” *with Janet Currie and Josselin Thuilliez*
Journal of Population Economics 33(1), 2020.

“Mortality Inequality in Canada and the U.S.: Divergent or Convergent Trends?” *with Michael Baker and Janet Currie*
Journal of Labor Economics 37(2), 2019.

“Mortality Inequality: The Good News from a County-Level Approach,” *with Janet Currie*
Journal of Economic Perspectives 30(2), 2016.

“The Youngest Get the Pill: ADHD Misdiagnosis in Germany, its Regional

Correlates and International Comparison,” with *Amelie Wuppermann*
Labour Economics 43(2), 2016.

“The 9/11 Dust Cloud and Pregnancy Outcomes: A Reconsideration,” with *Janet Currie*
Journal of Human Resources 51(4), 2016.

“Income and Population Growth,” with *Markus Brückner*
Economic Journal 124(589), 2015.

“Unmet Aspirations as an Explanation for the Age U-shape in Wellbeing,”
Journal of Economic Behavior and Organization 122(1), 2016.

“Short- and Long-term Effects of Unemployment on Fertility,” with *Janet Currie*
Proceedings of the National Academy of Sciences (PNAS) 111(41), 2014.

“Within-mother Analysis of Seasonal Patterns in Health at Birth,” with *Janet Currie*
Proceedings of the National Academy of Sciences (PNAS) 110(30), 2013.

FURTHER PUBLICATIONS IN MEDICAL JOURNALS

“The Relationship Between Income and Child Health: New Data for an Old Question,”
with *Janet Currie*
JAMA (editorial) 328(24):2402–2403, 2022

“Prescribing of Opioid Analgesics and Buprenorphine for Opioid Use Disorder During
the COVID-19 Pandemic,” with *Janet Currie, Molly Schnell, and Jonathan Zhang*
JAMA Network Open 4(4): e216147, 2021.

“Trends in Drug Overdose Mortality in Ohio During the First 7 Months of the COVID-
19 Pandemic,” (research letter) with *Janet Currie, Molly Schnell, and Jonathan Zhang*
JAMA Network Open 4(4):e217112-e217112, 2021.

“Improving surgical outcomes through benchmarking,” with *Roxanne D. Staiger, Milo
A. Puhan, and Pierre-Alain Clavien*
Journal of British Surgery 106(1), pp.59-64, 2019.

PRACTITIONER ARTICLES AND OP-EDS

“Life-Cycle Impacts of Graduating in a Recession,” *NBER Reporter*, with *Till von
Wachter*, Spring 2023

“The lasting consequences of school shootings on the students who survive them,” *The
Conversation*, with *M. Cabral, B. Kim, M. Rossin-Slater, M. Schnell*

“Auto Emissions Harm Public Health, EV's Are The Solution,” *World War Zero*, with
D. Alexander, Spring 2022

“The Future of Youth in the Era of COVID-19” *International Monetary Fund*

Finance & Development, with T. von Wachter, December 2020

“Pregnancy During the Pandemic” *Institute for Policy Research*, May 2020

“Recession Graduates: The Long-lasting Effects of an Unlucky Draw,” *Stanford Institute for Economic Policy Research*, April 2019

“Aux Etats-Unis comme en France, les inégalités de santé et de revenus ne vont pas nécessairement de pair,” *Le Monde*, with J. Currie and J. Thuilliez, September 2018.

“When Social Policy Saves Lives: Analyzing Trends in Mortality Inequality in the United States and France,” *Chicago Booth Pro-Market Blog*, with J. Currie and J. Thuilliez, July 2018.

“Child Development: Research and Policy,” *American Society of Health Economics*, with V. Duque, November 2017.

“Ökonomische Erkenntnisse: Vom Mutterleib zum Arbeitsmarkt,” (in German), *Neue Zürcher Zeitung* (NZZ), September 28 2016.

“Why So Many of Us Experience a Midlife Crisis,” *Harvard Business Review*, April 2015. Lead story on HBR.org on April 21

- Reprinted in *Harvard Business Review* “Guide to Changing Your Career” (Leadership & Managing People), August 2018

TEACHING

Northwestern University

2022-24 Quantitative Methods I (graduate)
2022-23 Economics of Health and Wellbeing (Master)
2019-24 Economics of Health, Human Capital, and Happiness (undergraduate)
- Nominated to the *Faculty Honor Roll* by the Northwestern Associated Student Government in 2020

Wharton Business School, University of Pennsylvania

2021 Guest lecture in the course “HCMG 101: Health care systems,” Spring term

Stanford University

2019-20 Guest lecture in the course “Econ 101: Economic Policy Analysis,” Fall term 2019, 2020

University of Zurich

2016-18 Economics of Health and Wellbeing (graduate)
- Nominated for «Credit Suisse Award for Best Teaching» (among the three best evaluated courses at University of Zurich) in 2018
2016-18 Intermediate Econometrics (undergraduate)

Princeton University

2014-17 Guest lectures in Demography, Economics, Epidemiology at the graduate and undergraduate level (WWS 598, 2x GPH 351, 3x ENV 304)

Universitat Pompeu Fabra

- Fall 2010 Econometrics I (undergrad, in Spanish), TA for *Christian Fons-Rosen*
Spring 2008 Macroeconomics II (graduate, PhD track), TA for *Prof. Jordi Gali*
Fall 2007 Macroeconomics I (graduate, PhD track), TA for *Prof. Antonio Ciccone*

SELECTED MEDIA COVERAGE OF RESEARCH

- 2021-22 The Atlantic, NPR Marketplace, NPR Consider This, Washington Post, Wall Street Journal The Guardian, Refinery29, The Weeds (Vox), Voice of America
- 2020 New York Times, Wall Street Journal, Washington Post, The Economist, Reuters, Al Jazeera, National Public Radio (NPR), PBS Newshour, Business Insider, Fortune, Vox, The Chronicle of Higher Education, Inside Higher Ed, Diverse: Issues in Higher Education, WirtschaftsWoche
- 2018-19 The Economist, Financial Times, Wall Street Journal, The New Yorker, Los Angeles Times, Chicago Tribune, Minneapolis Star Tribune, STERN, Australian Financial Review, La Vanguardia, Quartz, Le Monde
- 2016-17 New York Times, The Economist (lead article U.S. section), Washington Post, Financial Times, Atlantic, Wall Street Journal, Chicago Tribune, FAZ, Spiegel Online, Reuters, NZZ, National Geographic, Sacramento Bee, Le Temps (France), Watson (Switzerland)
- 2013-15 Financial Times, The Atlantic, NPR, Associated Press, Forbes, Washington Post, Wall Street Journal, TIME, Globe & Mail, FAZ, Süddeutsche Zeitung, Fox News, New York Mag, NBC, Simi Sara Show, NY Daily News

INVITED SEMINAR AND CONFERENCE PRESENTATIONS

- 2024 UC Santa Barbara, Northwestern Learning Sciences; scheduled: University of Illinois Urbana-Champaign, UC San Diego
- 2023 NBER Summer Institute (Health), NBER Cohort Studies meeting, Harvard University (Opportunity Insights Seminar), Harvard University (School of Public Health), BFI Health Economics Initiative, Chicagoland Demography Meeting, Bank of Spain/CEMFI conference on Aging, Hamburg Center of Health Economics (keynote), University of Illinois Chicago, BFI conference Frontiers of Economic Analysis with Genetic Data (discussant), NBER Racial and Ethnic Health Disparities (co-organizer)
- 2022 ASSA Boston, Essex University, Stanford (SIEPR), Harvard T.H. Chan School of Public Health, Chicago Federal Reserve, Michigan State, Essen University, University of Milan, Northwestern Institute for Policy Research, BFI conference Discrimination in the 21st Century (discussant)
- 2021 Chicago Booth, Google, National Academies of Sciences—Committee on Population, Centers for Disease Control and Prevention (CDC), Monash University, Northwestern Institute on Complex Systems, UC Denver,

- VATT Institute for Economic Research Helsinki, U Wisconsin-Madison
Opioids Workshop (keynote), NBER Health Care Program Meeting, NBER
conference on Improving Health Outcomes for an Aging Population
- 2020 ASSA San Diego, HELP! Seminar, IFS Mortality Inequality Workshop,
University of Nebraska, Johns Hopkins University, Federal Reserve Bank of
Chicago, Northwestern IPR, Northwestern Feinberg School of Medicine
- 2019 Stanford University, UC Davis, UC San Diego, University of Notre Dame,
Federal Reserve Bank of Minneapolis, Northwestern Institute for Policy
Research, NBER Summer Institute (Health Economics, Aging), Barcelona GSE
Summer Forum, International Health Economics Association, American
Society of Health Economics, Society of Labor Economics, NBER
Macroeconomic Perspectives on the Value of Health (discussant), Stanford
Working Longer and Retirement Conference (discussant), Federal Reserve
Bank of San Francisco Micro Macro Labor Economics Conference (discussant)
- 2018 Yale University, Northwestern University, University of Pennsylvania
(Perelman), CEMFI Madrid, UC Berkeley (ARE), Cal Poly SLO, Columbia
University (Public Health)
- 2017 Cornell University, University of Pennsylvania, University of Connecticut,
Rutgers University, Tel Aviv University, Tinbergen Institute Amsterdam,
University of Rotterdam Micro Seminar, University of Rotterdam Health
Economics Seminar, Aarhus University, Freie Universität Berlin, ZHAW
Winterthur, Swiss National Bank, University of Lucerne, University of
Hamburg, University College London, Universitat Pompeu Fabra, ASSA
Chicago, Barcelona Summer Forum, CESifo Conference, Swiss Association of
Perinatal Pharmacology 10th Anniversary (keynote), Universitat Pompeu Fabra
PhD Jamboree (keynote)
- 2016 UC Berkeley (Demography), Minnesota Population Center, Princeton
University, University of Minnesota, London School of Economics, European
University Institute Florence, University of Bergen, University of Southern
Denmark, Max-Planck Institute for Demographic Research Rostock, University
of Neuchâtel, University of Bern, Oxford University, NBER Summer Institute,
NBER Youth Project conference, NBER Labor Studies Meeting, SOLE Seattle,
AshEcon Philadelphia, Barcelona Summer Forum
- 2015 Federal Reserve Chicago, Princeton University, University Illinois Urbana-
Champaign, Michigan State University, University Iowa, Warwick, Bristol
University, Bocconi, EIEF Einaudi Rome, Lund University, University of
Copenhagen, University of Bonn, University of Basel, ETH Zurich / KOF,
Switzerland, FGV Sao Paulo, NBER Summer Institute, EALE/SOLE Montreal,
ASSA Philadelphia, Barcelona Summer Forum, RAPIDD Copenhagen,
Association for Public Policy Analysis and Management (APPAM),
Albuquerque
- 2009-14 Princeton (CHW-RPSD Seminar, Industrial Relations Section, CHW Brown
Bag, Department of Evolutionary Biology), Max-Planck Institute Munich,

Princeton Development Lab, UC Davis, NUS Singapore, University St. Gallen, Berlin BeNA, Max-Planck Center Odense, University Southern Denmark, University Autonoma Barcelona, University of Stockholm, Uppsala University, University of Mannheim, Lancaster University, University of Manchester, University Piura Lima, University of Hamburg, UCLA, RAND,, LMU Munich, Universitat Pompeu Fabra, CREI Macro, LSE Labour Seminar, NBER Universities' Research Conference, Vfs Frankfurt, IZA ESSLE, Bonn, CEP annual conference Brighthton, London School of Economics

PROFESSIONAL SERVICE AND HONORS

Refereeing: AER, QJE, JPE, REStud, Science, PNAS, AER:Insights, AEJ:AP, AEJ:EP, JHR, JOLE, JBES, JEEA, JHE, JPubE, ReStat, EJ, JEBO, Demography, Health Affairs, Journal of the Association of Environmental and Resource Economists, Journal of Monetary Economics, Economics of Education Review, PLOS One, Nature Communications, Economic Inquiry, Environmental Health Perspectives, Explorations in Economic History, Health Economics, Journal of Human Capital, Population Studies, IZA World of Labor, Journal of Population Ageing, Labour Economics, American Journal of Health Economics, Biodemography and Social Biology, Economics and Human Biology, Journal of Ecological Economics, Journal of Environmental Economics and Management, Nature Climate Change, Population and Development Review, Review of Income and Wealth, Scandinavian Journal of Economics, Social Science & Medicine, Social Choice and Welfare, British Medical Journal, European Child & Adolescent Psychiatry, Gerontology. Grant reviews: Russell Sage Foundation, German Science Foundation (DFG), Swiss National Science Foundation, Flanders Research Foundation, Marie Curie MoveIn

Guest Editor: PLoS One (2017)

Co-organizer – NBER Racial and Ethnic Health Disparities, Spring 2023
Co-organizer – NBER Inequalities in Mortality in the US and Beyond, Spring 2022
Program Chair – American Society of Health Economists meeting 2021
Advisory committee – Barcelona GSE Summer Forum 2018, 2020, 2022
Advisory committee – BU Population Health Science Research Workshop 2019
Advisory committee – American-European Health Economics Study Group 2018

Economic Journal 2017 Refereeing Prize

“40 under 40” (category Science and Society), Capital Magazine 2020

GRANTS

- 2023-24 PI: National Institute of Aging Pilot Grant #P30AG012810 “Pilot 25: The Trajectory of Life Expectancy and Life Expectancy Gradients through the COVID-19 Pandemic” with Till von Wachter (co-I), \$77,395.76.
- 2023-24 Co-PI: National Institute of Aging Pilot Grant #P30AG012810 “Health Insurance and Mortality at Older Adulthood in the 21st Century” with Gopi Goda (co-PI), \$62,308.

- 2023-26 Co-PI: National Science Foundation (NSF) Standard Grant #2242472. “An Integrated Analysis of the COVID-19 Crisis on Labor Market Outcomes and Mortality,” with Till von Wachter (co-PI), \$811,888.
- 2020-24 Co-I: National Institutes of Health / Eunice Kennedy Shriver National Institute of Child Health and Development Award #R01 HD102378. “Understanding the Short- and Long-Term Impacts of Childhood Exposure to Violence: Evidence from School Shootings,” with *Maya Rossin-Slater (PI), Marika Cabral (Co-PI), Molly Schnell (Co-PI), Victor Carrion (Co-I)*. \$1,137,470.
- 2022-23 PI: SESP Deans Venture Research Fund, Northwestern University “Fertility and Infant Health during the COVID-19 Pandemic”, \$13,520.
- 2018-22 Co-PI: Value of Vaccination Research Network #23695.263678 (Gates Foundation), “Elucidating the Extra Benefits of Vaccination,” *PIs: Stephen Elledge (Harvard Medical School)*, \$50,000.
- 2020-21 Co-I: National Institute on Aging #P01 AG005842 supplement. “The Impact of the COVID-19 Pandemic and Subsequent Economic Downturn on Population Health and Mortality,” with *Katherine Baicker (PI), Jonathan Skinner (Supplement leader), Till von Wachter (Co-I), at NBER*
- 2019-20 Co-I: NBER Retirement and Disability Research Center, SSA #RDR 18000003, NB19-04 "DI Coverage, Application, and Receipt of Younger Workers: The Effect of Economic Conditions,” with *Till von Wachter (UCLA)*