

Joshua R. Goldstein

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DEGREES

- Ph.D. Demography, University of California, Berkeley, 1996
Dissertation: “The Demography of Family and Kinship in an Age of Divorce and Remarriage”
- M.A. Demography and Social Sciences, Ecole des Hautes Etudes en Sciences Sociales, Paris, 1990
- B.A. History, Yale University, History, 1987, *magna cum laude*

POSITIONS HELD

- Chancellor’s Professor of Demography, University of California, Berkeley, 2013-present
- Director, Berkeley Population Center, University of California, Berkeley, 2013-present
- Chair, Department of Demography, University of California, Berkeley, 2013-2017
- Chair, Graduate Group in Sociology and Demography, University of California, Berkeley, 2013-2017
- Executive Director, Max Planck Institute for Demographic Research, 2009-2012
- Director, Max Planck Institute for Demographic Research, 2007- 2013
- Head, Laboratory of Economic and Social Demography, 2007- 2013
- Head, Laboratory of Population History, 2007- 2013
- Honorary Professorship, University of Rostock, 2008 - 2013
- Professor of Sociology and Public Affairs, Princeton University, 2007 - 2008

Associate Professor of Sociology and Public Affairs, Princeton University,
2002 -2007

Faculty Associate, Office of Population Research, Princeton University, 1996 - 2008

Visiting Scholar, Institute for Demography of the Austrian Academy of Sciences, Vienna,
Austria, Summer 2002

Assistant Professor of Sociology and Public Affairs, Princeton University,
1996 - 2002

Visiting Scholar, Department of Demography, University of California at Berkeley, Fall
2000

Visiting Scholar, Institut National d'Etudes Demographiques, Paris, Fall 1998

Consultant to Committee on National Statistics, National Academy of Sciences,
1994 - 1996

RESEARCH INTERESTS

Social demography
Economic demography
Formal demography and quantitative methods
Fertility
Family Demography
Historic Demography

GRANTS

Principle Investigator, “Berkeley Population Center,” National Institute of Child Health
and Human Development, P2CHD073964, August 2024 to July 2029.

Co-Principal Investigator (with Ayesha Mahmud and Dennis Feehan), “Workshops in
Formal Demography,” R25 HD08316, July 2022 to June 2027.

Co-Principal Investigator (with Jason Fletcher), “Uncovering Life Course Constellations
of Exposures through Big Data on Place, Time, and Family Factors,” National
Institute of Aging, R01AG076830, June 2022 to April 2027.

Principal Investigator, “CenSoc: A New, Public, Individual-level Dataset for Studying
Mortality Inequality,” National Institute on Aging, R01AG058940, August 2019
to March 2024.

Principle Investigator, “Berkeley Population Center,” National Institute of Child Health and Human Development, P2CHD073964, March 2019 to March 2024.

Principal Investigator, “Training in the Demography and Economics of Aging,” National Institute on Aging, T32AG000246, May 2019 to April 2024

Principle Investigator, “Workshops in Formal Demography,” National Institutes of Health Grant R25 HD083136 May 1, 2015 to April 30, 2020

Co-Principal Investigator (with Leora Lawton), Cal-ADAR: Advancing Diversity in Aging Research at UC Berkeley. National Institute on Aging Grant R25AG047848, 2016-2020

Principal Investigator, “Berkeley Population Center”, Population Research Infrastructure Program, Eunice Kennedy Shriver National Institute of Child Health and Human Development, Grant NICHD R24 HD073964-01A1, Fall 2013 to Summer 2017

Principal Investigator, “Training in the Demography and Economics of Aging,” National Institute on Aging, GRANT11405104, May 2014 to April 2019

“Biological Clocks for Men?” Center for Demography of Aging at UC Berkeley subaward from National Institutes of Health, National Institute of Aging, Center Grant, Fall 2004

Principal Investigator, “Demographic Models of Multiracial Population Growth,” National Institutes of Health, National Institute of Child Health and Human Development, July 1, 2003 to July 1, 2005, Grant R03 HD043084

Principal Investigator, “The More than One Race Population: Census 2000 and Beyond,” Russell Sage Foundation, Grant Award No. 97-98-06, June 1, 1998 to December 31, 1998

Principal Investigator, “Modeling U.S. Time Trends in Marriage and Divorce,” National Institutes of Health, National Institute of Aging, Grant 1 R03 AG14168-01, 1996–1998

HONORS

Mendel C. Sheps Award from the Population Association of America for outstanding contributions to mathematical demography, 2024

Elected Member, American Academy of Arts and Sciences, 2017

IPUMS Research Award (with Guy Stecklov) for *American Sociological Review* article, “From Patrick to John F.: Ethnic Names and Occupational Success in the Last Era of Mass Migration”, 2015

Chancellor’s Professorship, University of California, Berkeley, 2013-

Elected Scientific Member, Max Planck Society, 2007

Richard Allen Lester University Preceptor, Princeton University, 2000 - 2002

NIH Training Fellowship, 1992 - 1996

Young Scientists Fellowship, Population Group, International Institute of Applied Systems Analysis, Laxenburg, Austria , 1993

University Fellowship, University of California, Berkeley, 1991 – 1992

JOURNAL ARTICLES

“The Formal Demography of Peak Population,” Joshua R. Goldstein and Thomas Cassidy, *Demography*, 2024, 61(2):419-438.

“Life Expectancy Reversals in Low Mortality Populations,” Joshua R. Goldstein and Ronald D. Lee, *Population and Development Review*, 22 April 2024

“CenSoc: Public Linked Administrative Mortality Records for Individual-level Research,” Casey F. Breen, Maria Osborn, and Joshua R. Goldstein, *Scientific Data* (Nature), 2023, 10:802.

“Mortality Modeling of Partially Observed Cohorts Using Administrative Death Records, Joshua R. Goldstein, Maria Osborn, Serge Atherwood, and Casey F. Breen, *Population Research and Policy Review*, 2023, 42:36-55.

“Naming the Precious Child: New Evidence of Intentional Family Planning in Historical Populations”, Joshua R. Goldstein and Guy Stecklov, *Demography*, 2023, 60(2):493-516.

“Berkeley Unified Numident Mortality Database: Public administrative records for individual-level mortality research,” Casey F. Breen and Joshua R. Goldstein, *Demographic Research*, 2022, 47(5):111-142.

“Reply to Doshoff et al. and Pifarré I Arolas et al.: Age prioritization does save lives and years of life,” Joshua R. Goldstein, Thomas Cassidy, and Kenneth W. Wachter, *Proceedings of the National Academy of Sciences*, 2021, 118(29): e2107654118

- “Vaccinating the oldest against COVID-19 saves both the most lives and most years of life,” Joshua R. Goldstein, Thomas Cassidy, and Kenneth W. Wachter, *Proceedings of the National Academy of Sciences*, 2021, 118(11): e2026322118.
- “Demographic perspectives on the mortality of COVID-19 and other epidemics,” Joshua R. Goldstein and Ronald D. Lee, *Proceedings of the National Academy of Sciences*, 2020, 117 (36): 22035-22041.
- “Transfers in an aging European Union,” Fanny A. Kluge, Joshua R. Goldstein, and Tobias C. Vogt, *The Journal of the Economics of Aging*, 2019 13:45-54.
- “The changing relationship between unemployment and total fertility,” Deniz D. Karaman Oersal and Joshua R. Goldstein, *Population Studies*, 2018, 72(1):109-121.
- “Demographic Pressures on European Unity,” Joshua R. Goldstein and Fanny Kluge, *Population and Development Review*, 2016, 42 (2): 299-304.
- “From Patrick to John F.: Ethnic Names and Occupational Success in the Last Era of Mass Migration,” Joshua R. Goldstein and Guy Stecklov, *American Sociological Review*, 2016, 81(1):85-106.
- “How Large Are the Effects of Population Aging on Economic Inequality?” Joshua R. Goldstein and Ronald D. Lee, *Vienna Yearbook of Population Research*, 2015, (2014):193-209.
- “Spatial Analysis of the Causes of Fertility Decline in Prussia,” Joshua R. Goldstein and Sebastian Kluesener, *Population and Development Review*, September 2014, 40(3): 497-525
- “A Long-Standing Demographic East-West Divide in Germany,” Sebastian Kluesener and Joshua R. Goldstein, *Population, Space and Place*, 2016, 22(1):5-22. (electronic pre-publication 22 July 2014)
- “Bayesian Forecasting of Cohort Fertility,” Carl Schmertmann, Emilio Zagheni, Joshua R. Goldstein, and Mikko Myrskylä, *Journal of the American Statistical Association*, 2014, 109(506):500-513
- “A Cohort Model of Fertility Postponement,” Joshua R. Goldstein and Thomas Cassidy, *Demography*, 2014, 51(5):1797-1819
- “Spatial variation in household structures in nineteenth-century Germany,” Mikolaj Zsoltysek, Sigfried Gruber, Sebastian Kluesener, and Joshua R. Goldstein, *Population* 2014, 69(1):55-80.

- “Fertility Reactions to the ‘Great Recession’ in Europe: Recent Evidence from Order-Specific Data,” Joshua R. Goldstein, Michaela Kreyenfeld, Aiva Jasiolioniene, Deniz Dilan Karaman Örsal, *Demographic Research*, 2013, 29(4):85-104
- “New Cohort Fertility Forecasts for the Developed World: Rises, Falls, and Reversals,” Mikko Myrskylä, Joshua R. Goldstein, and Yen-hsin Alice Cheng, *Population and Development Review*, 2013, 39(1):31-56
- “Probabilistic Forecasting using Stochastic Diffusion Models, with Applications to Cohort Processes of Marriage and Fertility,” Mikko Myrskylä and Joshua R. Goldstein, *Demography*, 2013, 50(1): 237-260
- “Towards an Integrated Understanding of Demographic Change and its Spatio-Temporal Dimensions: Concepts, Data Needs, and Example Case Studies,” Sebastian Kluesener, Mikolaj Szoltysek, and Joshua R. Goldstein, *Die Erde*, 2012, 143(1-2): 75-104
- “How Slowing Senescence Translates into Longer Life Expectancy,” Joshua R. Goldstein and Thomas B. Cassidy, *Populations Studies*, 2012, 66(1): 29-37
- “Fertility Preferences: What measuring second choices teaches us,” Saskia Hin, Anne Gauthier, Joshua R. Goldstein, and Christoph Bühler, *Vienna Yearbook of Population Research* 9, 2011, 135-162
- “East Germany overtakes West Germany: Recent Trends in Order-Specific Fertility Dynamics,” Joshua R. Goldstein and Michaela Kreyenfeld, *Population and Development Review*, September, 2011, 37(3): 453-472
- “Fertility Forecasting in the German-speaking World: Recent Experience and opportunities for improvement,” Joshua R. Goldstein, Felix Roessger, Ina Jaschinski, and Alexia Fuernkranz-Prskawetz, *Comparative Population Studies*, 2011, 36(2-3): 661-692
- “A Secular Trend toward Earlier Male Sexual Maturity: Evidence from Shifting Ages of Male Young Adult Mortality,” Joshua R. Goldstein, *PLoS ONE*, August 17, 2011, 6(8): e14826. doi:10.1371/journal.pone.0014826
- “Societal Responses to Continued, Endemic Terror: Evidence from Driving Behavior in Israel,” Guy Stecklov and Joshua R. Goldstein, *Social Forces*, 2010, 88(4): 1859-1884
- “The End of ‘Lowest-Low’ Fertility?,” Joshua R. Goldstein, Tomáš Sobotka and Aiva Jasilioniene, *Population and Development Review*, 2009, 35(4): 663-699
- “Life lived equals life left in stationary populations (formal relationship),” Joshua R. Goldstein, *Demographic Research*, 2009, 20(1): 3-6

- “How Late Can First Births Be Postponed? Some Illustrative Population-level Calculations,” Joshua R. Goldstein, *Vienna Yearbook of Population Research*, 2006, 153-165
- “Relationships between Period and Cohort Life Expectancy: Gaps and Lags,” Joshua R. Goldstein and K. W. Wachter, *Population Studies*, 2006, 60(3): 257-269
- “Found in Translation? A Cohort Perspective on Tempo-adjusted Life Expectancy,” Joshua R. Goldstein, *Demographic Research*, 2006, 14(5): 71-84
- “Parenting Across Racial and Class Lines: Assortative Mating Patterns of New Parents Who Are Married, Cohabiting, Dating, and No Longer Romantically Involved,” Joshua R. Goldstein and Kristen Harknett, *Social Forces*, 2006, 85(1): 121-143
- “Terror Attacks Influence Driving Behavior in Israel,” Guy Stecklov and Joshua R. Goldstein, *Proceedings of the National Academy of Sciences*, 2004, 101(40): 14551-6
- “The Emergence of Sub-Replacement Fertility Ideals in Europe,” Joshua R. Goldstein, Wolfgang Lutz, and Maria-Rita Testa, *Population Research and Policy Review*, 2004, 22(5-6): 479-496
- “Simpler Probabilistic Population Forecasts: Making Scenarios Work,” Joshua R. Goldstein, *International Statistical Review*, 2004, 72(1): 93-106
- “Long-Term Population Decline in Europe: The Relative Importance of Tempo Effects and Generational Length,” Joshua R. Goldstein, Wolfgang Lutz, and Sergei Scherbov, *Population and Development Review*, 2003, 29(4): 699-707
- “Rescaling the Life Cycle: Longevity and Proportionality,” Ronald Lee and Joshua R. Goldstein, *Population and Development Review*, 2003, Supplement to Volume 29, *Life Span: Evolutionary, Ecological, and Demographic Perspectives*, 183-207
- “Population Momentum for Gradual Demographic Transitions: An Alternative Approach,” Joshua R. Goldstein, *Demography*, February 2002, 39(1): 65-73
- “Long-Range Population Projections Made Simple,” Joshua R. Goldstein and Guy Stecklov, *Population and Development Review*, March 2002, 28(1): 121-141
- “Marriage Delayed or Marriage Forgone? New Cohort Forecasts of First Marriage for U.S. Women,” Joshua R. Goldstein and Catherine T. Kenney, *American Sociological Review*, August 2001, 66(4): 506-519
- “The Multiple-Race Population of the United States: Issues and Estimates,” Joshua R. Goldstein and Ann J. Morning, *Proceedings of the National Academy of Sciences*, May 23, 2000, 97(11): 6230-6235

- “Socio-Economic Reach and Heterogeneity in the Extended Family: Contours and Consequences,” Joshua R. Goldstein and John R. Warren, *Social Science Research*, September 2000, 29(3): 382-404
- “Longer Life and Population Growth,” Joshua R. Goldstein and Wilhelm Schlag, *Population and Development Review*, December 1999, 25(4): 741-747
- “The Leveling of Divorce in the United States,” Joshua R. Goldstein, *Demography*, August 1999, 36(3): 409-414
- “Kinship Networks That Cross Racial Lines: The Exception or the Rule?,” Joshua R. Goldstein, *Demography*, August 1999, 36(3): 399-407
- “How 4.5 Million Irish Immigrants Became 40 Million Irish Americans: Demographic and Subjective Aspects of the Ethnic Composition of White Americans,” Michael Hout and Joshua R. Goldstein, *American Sociological Review*, February 1994, 59(1): 64-82

OTHER PUBLICATIONS

- “Amplified Changes: An Analysis of Four Dynamic Fertility Models,” Joshua R. Goldstein and Thomas Cassidy in Robert Schoen (editor), *Dynamic Demographic Analysis*, 2016, pages 9-29, Springer.
- “Demographics,” Joshua R. Goldstein, *Nature*, 2010, 463(7):30
- “How Populations Age,” Joshua R. Goldstein, in Peter Uhlenberg (editor) *International Handbook of Population Aging*, 2009, pages 7-18, Springer,
- “Introduction: How to Deal with Uncertainty in Population Forecasting,” Wolfgang Lutz and Joshua R. Goldstein, *International Statistical Review*, 2004, 72(1): 1-4
- “Probabilistic Population Forecasting: An Overview,” *Proceedings of the 54th Session of the International Statistical Institute*, 2003
- “Back in the Box: The Dilemma of Using Multiple-Race Data for Single-Race Laws,” Joshua R. Goldstein and Ann Morning. In Mary Waters and Joel Perlmann (editors), *The New Race Question: How the Census Counts Multiracial Individuals*, 2002, 199-136. Russell Sage: New York
- “Divorce” In Paul Demeny and Geoffrey McNicoll (editors) *Encyclopedia of Population* (Macmillan), 2003, 265-267, volume 1. Macmillan: New York

Spotlight on Heterogeneity: An Assessment of the Federal Standards for Race and Ethnicity Classification, 1996, edited by Barry Edmonston, Joshua R. Goldstein, and Juanita Tamayo Lott. National Academy of Sciences, Washington, D.C.

“Hills and Valleys on the Social Security Interstate” (editorial), *The Wall Street Journal*, May 31, 1995, 132(155), A16

“Alternative Approaches to Population Projection,” Wolfgang Lutz, Joshua R. Goldstein, and Christopher Prinz. In Wolfgang Lutz (editor), *The Future Population of the World. What Can We Assume Today?*, 1994, 17-50. Kogan Page (Earthscan), London,

WORKING PAPERS

“The Formal Demography of Peak Population,” Joshua R. Goldstein and Thomas Cassidy, invited revision under review at *Demography*

“My brother Moses: A sibling analysis of longevity and African-American Names,” Joshua R. Goldstein, Guy Stecklov, and Casey Breen, paper presented at 2021 Annual Meeting of the Population Association of America.

“Lives saved from age-prioritized Covid-19 Vaccination,” Joshua R. Goldstein, Thomas Cassidy, Ayesha S. Mahmud, *medRxiv preprint*, posted March 22, 2021.

“Improved measurement of racial/ethnic disparities in COVID-19 mortality in the United States,” Joshua R. Goldstein and Serge Atherwood, *medRxiv preprint*, posted June 23, 2020.

“The intergenerational persistence of immigrant mortality advantage: new results for U.S. male old-age mortality,” Joshua R. Goldstein, paper presented at the 2019 Annual Meeting of the Population Association of America

“Tilting versus stretching: The relative importance of fertility and mortality on population aging over the long term,” Joshua R. Goldstein, paper presented at the 2019 Annual Meeting of the Population Association of America

PROFESSIONAL ACTIVITIES

Co-Editor, *Vienna Yearbook of Population Research*, 2022.

Member, Social Security Technical Advisory Board, 2018-2019.

Publication Committee Member (elected), Population Association of America, 2014 -- 2017

‘Formal Relationships’ Special Collection Co-editor, *Demographic Research*, 2009 – present

Publisher, *Demographic Research*, 2008 - 2013

Founder and Director, Mosaic Historical Census Project, 2011 – present

Founder and Director, Human Fertility Database, 2007 – present

Editorial Board Member, *Genus*, 2009 – present

Editorial Board Member, *Sociological Forum*, 2007 - present

Board of Reviewers, *Zeitschrift für Bevölkerungswissenschaft*, 2009 - present

Chair, Mindel Sheps Award Committee, Population Association of America, 2013-14

Program Committee Member, Population Association of America, 2011 - 2012

Organizer, Formal Demography, 2008, Annual Meeting of the Population Association of America, New Orleans

Invited lecturer, Stanford Workshop in Formal Demography, Stanford University 2006, 2007, 2008

Member, *CPOP – The Committee on Population*, National Research Council/
National Academy of Sciences, 2006 - present

Editorial Board Member, *Demography*, 2002 – 2004

Organizer and Instructor Mathematical Demography, European Doctoral School of Demography, 2009-2013

Scientific Review Board Member, *Demographic Research*, 2002 - present

Member, New York Census Research Data Center, Project Review Committee,
2005 - 2007

Long-Term Planning Committee (“Formal Demography”, “Innovative Methodologies”,
and “Training”), Demographic and Behavioral Sciences Branch, National
Institutes of Health, 2001

Memberships: Population Association of America, American Sociological Association,
International Union for the Scientific Study of Population, German Society for
Demography

LANGUAGES

German (still fluent)

French (once fluent, need practice)
Japanese (once fluent, largely forgotten)

PHD ADVISEES

Patrick Gerland, (Princeton 2005), Chief, Population Estimates and Projections, United Nations Population Division

Fanny Kluge (U of Rostock, 2011), Research Scientist, Max Planck Institute for Demographic Research.

Felix Roessger (U of Rostock 2010), Researcher, German Federal Statistical Office (Statistisches Bundesamt).

Monica Alexander (UC Berkeley 2016), Assistant Professor, Statistics and Sociology, University of Toronto

Alison Gemill (UC Berkeley, 2017) Assistant Professor, Bloomberg School of Public Health, Johns Hopkins University

Pil (“Paul”) Chung (UC Berkeley, 2019) Research Scientist, Facebook

Casey Breen, (UC Berkeley 2023) Post-Doc, Oxford University