

December 2023

PAUL W. RHODE

Professor of Economics
University of Michigan

CAMPUS ADDRESS

Department of Economics
205 Lorch Hall
611 Tappan Street
University of Michigan
Ann Arbor, Michigan 48109-1220
TEL: 734-647-5603
EMAIL: pwrhode@umich.edu

EDUCATION

Ph.D. Economics, Stanford University, 1990.

B.A. Economics, University of California, Davis, 1982.

PROFESSIONAL EXPERIENCE

Professor of Economics, University of Michigan, 2009-present.

McClelland Professor of Economics. University of Arizona, 2007-2009.

Smith Distinguished Professorship, University of North Carolina 2005-06.

Professor, University of North Carolina, 2001-2006.

Research Associate, National Bureau of Economic Research, 1999-present.

Visiting Fellow, Public Policy Institute of California, 1997-98.

Associate Professor, University of North Carolina, 1996-2000.

Assistant Professor, University of North Carolina-Chapel Hill, 1990-96.
Faculty Research Fellow, National Bureau of Economic Research, 1994-99.

Acting Assistant Professor, University of North Carolina-Chapel Hill, 1989-90.

AWARDS, HONORS, AND GRANTS

President-Elect, Economic History Association, 2024.

Fellow of Economic History Association, 2022.

Alice Hanson Jones Prize, awarded by the Economic History Association for the best book on North American Economic History published in 2020-22.

Vice-President, Economic History Association, 2020-21.

Fellow of Cliometrics Society, 2017.

Fellow of Agricultural History Society, 2017.

Allan Sharlin Memorial Award for 2016, given by the Social Science History Association for the outstanding book in social science history published in the previous year.

Moore Distinguished Scholar, Division of the Humanities and Social Science, California Institute of Technology, 2015-16.

National Science Foundation, Collaborative Research Grant, "The Dramatic Rise in Agricultural Productivity in the U.S. during the Twentieth Century: Disentangling the Roles of Technological Change, Government Policy, and Climate." Co-PI with Price Fishback, SES- 0921732, 2009-13.

National Science Foundation, Collaborative Research Grant, "Seeds and Slaves: Technological Change, Plantation Efficiency, and Southern Economic Development" SES- 0550913, 2006-10.

Alice Hanson Jones Prize, awarded by the Economic History Association for the best book on North American Economic History published in 2008-10.

Clio "Can" for Exceptional Support to the Field of Cliometrics, 2010-11.

Agricultural and Applied Economics Association, Award for Professional Excellence for Quality of Research Discovery, 2009.

Wayne D. Rasmussen Award for best article published on some aspect of agricultural history in a journal other than *Agricultural History*, 2009.

Railway and Locomotive History Society, Agricultural History Center, Railway Research Fellowship, 2008.

Arthur H. Cole Prize for the outstanding article published in the *Journal of Economic History* 2002-03.

Wayne D. Rasmussen Award for best article published on some aspect of agricultural

history in a journal other than *Agricultural History*, 2001.

Arthur H. Cole Prize for the outstanding article published in the *Journal of Economic History* 1995-96.

Vernon Carstensen Award for best article published in *Agricultural History*, 1995.

UNC College of Arts and Sciences, Faculty Partner Fund Award, 2004-07.

Railway and Locomotive History Society, Pacific Coast Chapter, Research Fellowship, 1994-95.

National Science Foundation, Graduate Fellowship, 1982-84, 1985-86.

PROFESSIONAL ASSOCIATIONS

Cliometrics Society
Economic History Association

PROFESSIONAL ACTIVITIES

Department Chair, Economics Department, University of Michigan, 2016-19.

Journal of Economic History, Co-editor, 2012-16.

Economic History Association, Board of Trustees, 2009-13.

Explorations in Economic History, Editorial Board, 2009-13.

Journal of Economic History, Book Review Co-editor, 2008-12.

Economic History Association, Program Committee Chair, 2008.

Journal of Prediction Markets, Editorial Board, 2007-present.

Journal of Economic History, Editorial Board, 2004-08.

Cliometrics Society, Trustee, elected 2003-07.

Economic History Association, Allan Nevins Dissertation Prize Convener, 2002-03.

Economic History Association, Alice Hanson Jones Book Prize Committee, 2000-05.

Economic History Association, Local Arrangements Committee Member, 1996, 2009.

NBER Development of the American Economy, Summer Institute Program Committee, 2009-10.

American History Association, NASA Fellowship Committee, 2008-2010.

Referee: *Agricultural History*, *American Council of Learned Societies*, *American Economic Review*, *Eastern Economic Journal*, *Econometrica*, *Explorations in Economic History*, *Independent Review*, *International Journal of Industrial Organization*, *Journal of Economic History*, *Journal of Economic Theory*, *Managerial and Decision Economics*, *Structural Change and Economic Dynamics*, *Quarterly Journal of Economics*, National Science Foundation, *Research in Economic History*.

BOOKS AND MONOGRAPHS

- 2001 *The Evolution of California Manufacturing*. San Francisco: Public Policy Institute of California.
- 2006 *The Global Economy in the 1990s: A Long-Run Perspective* (Cambridge: Cambridge University Press) (co-edited with Gianni Toniolo).
- 2008 *Creating Abundance: Biological Innovation and American Agricultural Development* (Cambridge: Cambridge University Press) (co-authored with Alan L. Olmstead).
- 2011 *Economic Evolution and Revolution in Historical Time* (Stanford, CA: Stanford University Press) (co-edited with Joshua Rosenbloom and David Weiman).
- 2015 *Arresting Contagion: Science, Policy, and Conflicts over Animal Disease Control* (Cambridge, MA: Harvard Univ. Press) (with Alan L. Olmstead).
- 2018 *Oxford Handbook of American Economic History*, Vol. 1 and 2, (Oxford: Oxford Univ. Press) (co-edited with Louis P. Cain and Price V. Fishback).
- 2019 *Capital in the Nineteenth Century* (Chicago: Univ. of Chicago Press). (with Robert E. Gallman).

PAPERS

- 1985 “Rationing without Government: The West Coast Gas Famine of 1920,” *American Economic Review* (75:5) pp. 1044-1055 (with Alan L. Olmstead).[□]
- 1988 “The Farm Energy Crisis of 1920,” *Agricultural History* (62:1), pp. 48-60 (with Alan L. Olmstead). *
- 1988 “An Overview of California Agricultural Mechanization, 1870-1930,” *Agricultural History* (62:2) pp. 86-112 (with Alan L. Olmstead). *
Reprinted in M. Rothstein and D. Field (eds.), *Quantitative Studies in Agrarian History* (Ames: Iowa State University Press, 1993), pp. 83-109.

[□] Refereed.

- 1989 "U.S. Energy Crisis of 1920 and the Search for New Energy Supplies," in R. W. Ferrier and A. Fursenko (eds.), *Oil Industry and World Economic Development* (London: Routledge) pp. 83-93 (with Alan L. Olmstead).
- 1993 "Induced Innovation in American Agriculture: A Reconsideration," *Journal of Political Economy* 101:1 (Feb.) pp. 100-118 (with Alan L. Olmstead).*
- 1994 "The Nash Thesis Revisited: An Economic Historian's View," *Pacific Historical Review* (63:31), pp. 363-92.* Reprinted in S. Chan and S. Olin (ed.) *Major Problems in California History* (Boston: Houghton Mifflin, 1996), pp. 316-23.
- 1994 "The Agricultural Mechanization Controversy, 1919-1945," *Agricultural History* 68:3 (Summer) pp. 35-53 (with Alan L. Olmstead). *
- 1995 "Beyond The Threshold: An Analysis of the Characteristics and Behavior of Early Reaper Adopters," *Journal of Economic History* 55:1 (March), pp. 27-57 (with Alan L. Olmstead).*
- 1995 "Learning, Capital Accumulation, and the Transformation of California Agriculture," *Journal of Economic History* 55:4 (Dec.) pp. 773-800.*
- 1995 "La Intensificación de la Agricultura Californiana," in J. Morilla Critz (dir.), *California y Mediterráneo: Estudios de la Historia de Dos Agriculturas Competidoras* (Madrid: Ministerio de Agricultura, Pesca, y Alimentación), pp. 72-120.
- 1995 "La Competencia Internacional en Productos Mediterráneos y el Auge de la Industria Frutícola Californiana," in J. Morilla Critz (dir.), *California y Mediterráneo: Estudios de la Historia de Dos Agriculturas Competidoras* (Madrid: Ministerio de Agricultura, Pesca, y Alimentación) pp. 173-232 (with Alan L. Olmstead).
- 1996 "A Comment on 'Learning, Mutation, and Long-Run Equilibria in Games'," *Econometrica* 64:2 (March) pp. 443-49 (with Mark Stegeman).*
- 1997 "Overview of the History of California Agriculture," in J. Siebert (ed.), *California Agriculture: Present and Future* (Berkeley: Giannini Foundation, University of California) pp. 1-27 (with Alan L. Olmstead).

- 1997 “The Rise of the California Fruit Industry and the Globalization of Markets for Mediterranean Horticultural Products, 1880-1930,” in J. Morilla Critz, J. Gómez-Pantoja, and P. Cressier (dir.), *Los Impactos Exteriores Sobre la Agricultura y el Mundo Real Mediterraneos a lo Largo de la Historia* (Madrid: Ministerio de Agricultura, Pesca, y Alimentación) pp. 433-52 (with Alan L. Olmstead).
- 1998 “Induced Innovation in American Agriculture: An Econometric Analysis,” *Research in Economic History* pp. 103-19 (with Alan Olmstead).*
- 1999 “‘Horn of Plenty’: The Globalization of Mediterranean Horticulture and the Economic Development of Southern Europe, 1880-1930,” *Journal of Economic History* 59:2 (June) pp. 316-52 (with José Morilla Critz and Alan L. Olmstead).*
- 2000 “The Impact of World War Two Spending on the California Economy,” in R. Lotchin (ed.), *The Way We Really Were: The Golden State in the Second Great War* (Urbana: University of Illinois Press) pp. 93-119.
- 2000 “International Competition and the Development of the Dried Fruit Industry, 1880-1930,” in S. Pamuk and J. Williamson (eds.), *The Mediterranean Response to Globalization Before 1950* (London: Routledge) pp. 199-232 (with José Morilla Critz and Alan L. Olmstead).
- 2000 “The Transformation of Northern Agriculture from 1910-90,” in S. Engerman and R. Gallman (eds.), *Cambridge Economic History of the United States, Vol. III: The Twentieth Century* (Cambridge: Cambridge Univ. Press) pp. 693-742 (with Alan L. Olmstead).*
- 2001 “Evolution Through Imitation: The Case of Duopoly,” *International Journal of Industrial Organization* 19:3-4 (March) pp. 415-54 (with Mark Stegeman).*
- 2001 “Reshaping the Landscape: The Impact and Diffusion of the Tractor in American Agriculture, 1910-60,” *Journal of Economic History* 61:3 (Sept.) pp. 663-698 (with Alan L. Olmstead).* Also appears as NBER WP No. 7947.
- 2002 “The Red Queen and the Hard Reds: Productivity Growth in American Wheat, 1800-1940,” *Journal of Economic History* 62:4 (Dec.) pp. 929-966. (with Alan L. Olmstead).* A fuller version appears as NBER WP No. 8863.

- 2003 “Hog Round Marketing, Seed Quality, and Government Policy: Institutional Change in U. S. Cotton Production, 1920-60,” *Journal of Economic History* 63:2 (June) pp. 447-88. (with Alan L. Olmstead).* A fuller version appears as NBER WP No. 9612.
- 2003 “Historical Perspectives on Exotic Pests and Diseases in California Agriculture” Ch. 5 in Daniel A. Sumner (ed.), *Exotic Pests and Diseases: Biology, Economics and Public Policy for Biosecurity* (Ames, IA: Iowa State University Press) pp. 55-67 (with Susana Iranzo and Alan L. Olmstead).
- 2003 “Biological Innovation in American Wheat Production: Science, Policy, and Environmental Adaptation,” in Susan Schrepfer and Philip Scranton (eds.), *Industrializing Organisms: Introducing Evolutionary History* (New York: Routledge) pp. 43-83 (with Alan L. Olmstead.)
- 2003 “Assessing the Importance of Tiebout Sorting: Local Heterogeneity from 1850 to 1990,” *American Economic Review* 93:5 (Dec.) pp. 1648-77 (with Koleman Strumpf).* An earlier version appears as NBER WP 7946.
- 2003 “The Evolution of California Agriculture,” Ch. 1, in J. Siebert (ed.), *California Agriculture: Dimensions and Issues* (Berkeley: Giannini Foundation, University of California) pp. 1-28 (with Alan L. Olmstead).
- 2004 “After the War Boom: Re-conversion on the Pacific Coast, 1943-49,” Ch. 8 in W. Sundstrom, T Guinnane, and W. Whatley (eds.), *History Matters: Essays on Economic Growth, Technology, and Demographic Change* (Stanford, CA: Stanford University Press) pp. 187-220. A fuller version appears as NBER WP No. 9854.
- 2004 “Historical Presidential Betting Markets,” *Journal of Economic Perspectives* 18:2 (Spring) pp. 127-42 (with Koleman Strumpf).
- 2004 “An Impossible Undertaking: The Eradication of Bovine Tuberculosis in the United States” *Journal of Economic History*, 64:3 (Sept.) pp. 734-72 (with Alan L. Olmstead).*
- 2004 “Stochastic Darwinian Equilibria in Small and Large Populations” *Games and Economic Behavior* 49:1 (Oct.) pp. 171-214. (with Mark Stegeman).*
- 2005 “The ‘Tuberculous Cattle Trust’: Disease Contagion in an Era of

- Regulatory Uncertainty,” *Journal of Economic History* 64:4 (Dec.) pp. 929-63 (with Alan L. Olmstead).*
- 2006 “NIPA before 1929” chapter of “National Income and Product Accounts” section of *Millennial Edition of Historical Statistics of the United States* (Cambridge University Press) Vol. III, pp. 12-30, 57-69 (with Richard Sutch).
- 2006 “American Farms and Farm Structure,” chapter of “Agriculture” section of *Millennial Edition of Historical Statistics of the United States* (Cambridge University Press) Vol. IV, pp. 10-15, 39-88 (with Alan L. Olmstead).*
- 2006 “Crops and Livestock” chapter of “Agriculture” section of *Millennial Edition of Historical Statistics of the United States* (Cambridge University Press) Vol. IV, pp. 15-18, 89-192 (with Alan L. Olmstead).*
- 2006 “Understanding the 1990s: A Long-Run Perspective,” in Paul Rhode and Gianni Toniolo (eds.), *The Global Economy in the 1990s: A Long-Run Perspective* (Cambridge: Cambridge University Press) (with Gianni Toniolo), pp. 1-20.
- 2007 “Biological Globalization: The Other Grain Invasion,” in T. Hatton, K. O’Rourke, and A. Taylor, (eds.), *The New Comparative Economic History: A Volume Honoring Jeffrey G. Williamson* (Cambridge: MIT Press, 2007) (with Alan L. Olmstead), pp. 115-40.
- 2007 “Not on My Farm!: Farmer Resistance to the Tuberculin-Testing Program to Eradicate Bovine Tuberculosis in the United States, 1893-1941.” *Journal of Economic History*, 67:3 (Sept.), pp. 768-809 (with Alan L. Olmstead).*
- 2008 “Biological Innovation and Productivity Growth in the Antebellum Cotton Economy” *Journal of Economic History*, 68:4 (December) pp. 1123-71 (with Alan L. Olmstead)* Also appears as NBER WP No. 14142.
- 2008 "Quantitative Indices of the Early Growth of the California Wine Industry" in José Morilla Critz, Juan Hernández Andréu, José Luis García Ruiz and José María Ortiz Villajos (eds), *Homenaje al Profesor Tortella* (Alcalá, Spain: Servicio de Publicaciones de la Universidad de Alcalá, 2008) (with Alan L. Olmstead).
- 2009 "Conceptual Issues for the Comparative Study of Agricultural

- Development," Pedro Lains and Vicente Pinilla (eds.), *Agriculture and Economic Development* (London: Routledge Press), pp. 27-51, (with Alan L. Olmstead).
- 2009 "The Impact of the Boll Weevil, 1892-1932" *Journal of Economic History*, 69:3 (Sept.) pp. 685-718 (with Fabian Lange and Alan L. Olmstead).*
- 2009 "Harvests and Business Cycles in Nineteenth-Century America" *Quarterly Journal of Economics*, 124: 4 (Nov.), pp. 1675-1727 (with Joseph H. Davis and Christopher Hanes).*
- 2010 "Adapting North American wheat production to climatic challenges, 1839-2009," *Proceedings of National Academy of Sciences*, Early (Online) Edition: December 27, 2010, doi:10.1073/pnas.1008279108; Print: January 11, 2011, 108 (2) 480-485, with Alan L. Olmstead.*
- 2011 "Introduction" in Paul W. Rhode, Joshua Rosenbloom and David Weiman, eds., *Economic Evolution and Revolution in Historical Time* (Stanford, CA: Stanford University Press) (with Joshua Rosenbloom and David Weiman), pp. xv-xx, 23-26, 137-140, 273-276.
- 2011 "Productivity Growth and the Regional Dynamics of Antebellum Southern Development," in Paul W. Rhode, Joshua Rosenbloom and David Weiman, eds., *Economic Evolution and Revolution in Historical Time* (Stanford, CA: Stanford University Press), pp. 180-213 (with Alan L. Olmstead).
- 2011 "The Effects of Weather Shocks on Crop Prices in Unfettered Markets: The United States Prior to the Farm Programs, 1895-1932," in Gary D. Libecap and Richard H. Steckel, eds. *Climate Change Past and Present: Uncertainty and Adaptation*, (Chicago, Univ. of Chicago Press) pp. 99-130 (with Jonathan Fox and Price V. Fishback).
- 2011 "The Trials of Job: The Impact of Climate and Weather on Infant and Non-Infant Death Rates During the Great Depression," in Gary D. Libecap and Richard H. Steckel, eds. *Climate Change Past and Present: Uncertainty and Adaptation*, (Chicago, Univ. of Chicago Press) pp.131-168 (with Price V. Fishback, Werner Troesken, Trevor Kollman, Michael Haines, and Melissa Thomasson).
- 2011 "Responding to Climatic Challenges: Lessons from U.S. Agricultural

- Development," in Gary D. Libecap and Richard H. Steckel, eds. *Climate Change Past and Present: Uncertainty and Adaptation*, (Chicago, Univ. of Chicago Press) pp. 169-94 (with Alan L. Olmstead).
- 2012 "The Eradication of Bovine Tuberculosis in the United States in a Comparative Perspective" in David Zilberman, ed., *Human and Environmental Health and the Future of Animal Agriculture in Developing Countries* (New York: Springer) pp. 7-30 (with Alan L. Olmstead).
- 2012 "Did Plant Patents Create the American Rose?" in Joshua Lerner and Scott Stern, eds., *The Rate and Direction of Inventive Activity Revised* (Chicago: Univ. of Chicago Press) pp. 413-442 with Petra Moser. (NBER WP# 16983).
- 2012 "Moving to Higher Ground: Migration Response to Natural Disasters in the Early Twentieth Century" *American Economic Review, Papers and Proceedings*, (May) pp. 238-44 (with Leah Platt Boustan and Matthew E. Kahn).
- 2013 "Harvests and Financial Crisis in Gold-Standard America," *Journal of Economic History* 73:1 (March), pp. 201-46 (with Christopher Hanes).*
- 2013 "The Long History of Political Betting Markets: An International Perspective" in Leighon V. Williams and Donald Siegel, eds. *Oxford Handbook on the Economics of Gambling* (Oxford, Eng.: Oxford University Press) Ch. 29, pp. 560-87 (with Koleman Strumpf).
- 2013 "New deal or no deal in the Cotton South: The effect of the AAA on the agricultural labor structure," *Explorations in Economic History* 50: 4, (Oct.) pp. 466-86 (with Briggs Depew and Price V. Fishback). *
- 2014 "Crops and Culture Roundtable: Do Crops Shape Culture: Contrasting Cotton and Wheat in Nineteenth-Century America" *Agricultural History* 88: 3, (Summer), pp. 416-21
- 2014 "Agricultural Mechanization," in Neal K. Van Alfen, ed., *Encyclopedia of Agriculture and Food Systems* (Elsevier) (with Alan L. Olmstead).
- 2014 "Can We Adapt to Climate Change? Lessons from Past Agricultural Challenges." *ARE Update* 18, no. 6 (Sept./Oct.) Special Issue: Climate Change: Challenges to California's Agriculture and Natural Resources,

- (with Alan L. Olmstead), pp. 9-12.
- 2014 “Agricultural Technology and Science in America” in Hugh R. Slotten, ed. *Oxford Encyclopedia of the History of Science, Medicine, and Technology* (Oxford University Press) (with Alan L. Olmstead), pp. 17-29.
- 2015 “Were Antebellum Cotton Plantations Factories in the Field?” William J. Collins and Robert A. Margo, eds., *Enterprising America: Businesses, Banks, and Credit Markets in Historical Perspective* (Chicago: Univ. of Chicago Press for NBER). (with Alan L. Olmstead), pp. 245-76.
- 2016 “Migration in the 1930s: Beyond the Dust Bowl,” *Social Science History* 40, no. 4 (Winter) (with Myron P. Gutman, Daniel Brown, Angela R. Cunningham, Susan Hautaniemi Leonard, Jani Little, Jeremy Mikecz, Seth Speilman, and Kenneth M. Sylvester), pp. 707-40. *
- 2017 “Making Green Revolutions: Kansas farms, recovery and the new agriculture, 1918-1981” *Agricultural History* 91, no 3, pp. 342-68. (with Kenneth Sylvester.) *
- 2018 “Patent Citations—An Analysis of Quality Differences and Citing Practices in Hybrid Corn,” *Management Science* 64, no. 4 (April), pp. 1477-73. (with Petra Moser and Joerg Ohmstedt).*
- 2018 “American Economic History: An Introduction” in Louis P. Cain, Price V. Fishback, and Paul W. Rhode, eds. *Oxford Handbook of American Economic History* (Oxford: Oxford Univ. Press) (with Louis P. Cain and Price V. Fishback), pp. 1-25.
- 2018 “Agriculture and American Economic History” in Louis P. Cain, Price V. Fishback, and Paul W. Rhode, eds. *Oxford Handbook of American Economic History* (Oxford: Oxford Univ. Press) (with Alan L. Olmstead), pp. 159-182.
- 2018 “Growth and Structural Change in American Manufacturing” in Louis P. Cain, Price V. Fishback, and Paul W. Rhode, eds. *Oxford Handbook of American Economic History* (Oxford: Oxford Univ. Press) (with Changkeun Lee), pp. 183-212.
- 2018 “Income, Capital, and American Economic Growth” in Louis P. Cain, Price V. Fishback, and Paul W. Rhode, eds. *Oxford Handbook of American Economic History* (Oxford: Oxford Univ. Press), pp. 375-400.

- 2018 “Cotton, Slavery, and the New History of Capitalism.” *Explorations in Economic History*, 67: 1 (Jan), pp. 1-17. (with Alan L. Olmstead).
- 2018 “The Arsenal of Democracy: Production and Politics during WWII.” *Journal of Public Economics* 166 (Oct.) pp. 145-61 (with James M. Snyder, Jr., and Koleman Strumpf).*
- 2019 “Recovery from the Great Depression: The Farm Channel in Spring 1933.” *American Economic Review* 106:2 (Feb.) pp. 427-72 (with Joshua Hausman and Johannes Wieland). *
- 2019 “‘Automation’ of Manufacturing in the Late Nineteenth Century: The Hand and Machine Labor Study,” *Journal of Economic Perspectives* 33, no. 2 (Spring) pp. 51-70 (with Jeremy Atack and Robert A. Margo).
- 2020 “The Effects of Natural Disasters on Economic Activity in US Counties: A Century of Data,” *Journal of Urban Economics* Vol. 118 (July) (with Leah Boustan, Matthew Kahn, and Maria Lucia Yanguas).*
- 2020 “A History of California Agriculture,” Ch. 2, in P. Martin, R. Goodhue and B. Wright (ed.), *California Agriculture: Dimensions and Issues* (Berkeley: Giannini Foundation, University of California) pp. 25-50 (with Alan L. Olmstead).
- 2021 “Biological Innovation without Intellectual Property Rights: Cottonseed Markets in the Antebellum American South.” *Journal of Economic History* Vol 81: 1 (March), pp. 198-228.*
- 2021 “North America: the Second Industrial Revolution and US technological leadership” in *Cambridge Economic History of the Modern World*. Vol. 2 edited by Stephen Broadberry and Kyoji Fukao (Cambridge, Engl: Cambridge Univ. Press), pp. 21-47.
- 2021 “Yield Performance of Corn under Heat Stress: A Comparison of Hybrid and Open-Pollinated Seeds during a Period of Technological Transformation, 1933–1955.” in Petra Moser (ed). *Economics of Research and Innovation in Agriculture* (NBER) (with Keith Meyers).
- 2021 "Farm Product Prices, Redistribution, and the Early U.S. Great Depression" *Journal of Economic History* Vol. 81: 3 (September), (with Joshua Hausman and Johannes Wieland), pp. 649-87.*

- 2022 “Industrialization and Urbanization in Nineteenth Century America.” *Regional Science and Urban Economics* (May) (with Jeremy Atack and Robert A. Margo).*
- 2022 “Transportation Revolution: The Car in the 1920s.” *American Economic Review, Papers and Proceedings* Vol. 112 (May) (with Shari Ely and Joshua Hausman), pp. 219-23.
- 2022 “‘Mechanization Takes Command?’: Powered Machinery and Production Times in Late Nineteenth-Century American Manufacturing” *Journal of Economic History* Vol. 82: 3 (Sept.) (with Jeremy Atack and Robert A. Margo), pp. 663-89.*
- 2023 “Digitizing Carroll D. Wright’s ‘Hand and Machine Labor’ Study” *Jahrbuch für Wirtschaftsgeschichte* 64:1 (German Economic History Yearbook special issue of digital methods in history) (with Jeremy Atack and Robert A. Margo). pp. 9-30. *
- 2023 “De Tocqueville, Population Movements, and Revealed Institutional Preferences,” *Journal of Historical Political Economy* 3: 2, Special Issue on Antebellum Political Economy, (with Hoyt Bleakley) pp. 179-210.
- 2023 “What fraction of antebellum US national product did the enslaved produce?” *Explorations in Economic History* (forthcoming). *
- 2023 “De-skilling: Evidence from late nineteenth century American manufacturing.” *Explorations in Economic History*, (forthcoming), (with Jeremy Atack and Robert A. Margo). *

BOOK REVIEWS AND MISCELLANEOUS

- 1991 “An Interview with William Parker,” *The Newsletter of the Cliometrics Society* (6:2) pp. 3-8, 19-25. Reprinted in Samuel Williamson et al., *Eminent Economic Historians: Conversations with the Founders of the New Economic History, Cliometrics and Beyond* (Routledge, 2008), pp. 117-193.
- 1992 Review of Gerald Nash, *World War II and the West: Reshaping the Economy in Southwestern Historical Quarterly* (XCV: 4) p. 556.

- 1992 Review of William H. Mullins, *The Depression and the Urban West Coast, 1929-1933* in *Journal of Economic History* (June) pp. 516-517.
- 1997 Review of Jules Tygiel, *The Great Los Angeles Swindle: Oil, Stocks, and Scandal During the Roaring Twenties* in *Journal of Economic History* (Dec.) pp. 972-73.
- 1998 Revised Entries on “Aerospace” and “Western Airlines” in H. Lamar (ed.), *Reader's Encyclopedia of the American West* (New Haven: Yale Univ. Press, 1998).
- 2000 Review of Victoria S. Woeste, *The Farmer's Benevolent Trust: Law and Agricultural Cooperation in Industrial America, 1865-1945* on eh.net 15 Feb 2000.
- 2000 Reviews of Peter Schrag, *Paradise Lost, California's Experience, America's Future* and Carey McWilliams, *California: The Great Exception* in *Journal of Economic History* (Sept.) pp. 889-91.
- 2001 Review of David Vaught, *Cultivating California: Growers, Specialty Crops, and Labor, 1875-1920* in *Agricultural History Review* 49:II, pp. 233-34.
- 2003 Entry on “Horticulture” in J. Mokyr (ed.), *Oxford Encyclopedia of Economic History* (New York: Oxford).
- 2003 Review of Arnulf Grübler, Nebojsa Nakicenovic, and William Nordhaus *Technological Change and the Environment* in *Journal of Economic History* 63:3 (Sept.) pp. 921-22.
- 2003 “An Interview with Peter Lindert” *The Newsletter of the Cliometrics Society* (with Michael Hauptert).
- 2004 “Dissertations of Law, Johnson, and Priest” in *Journal of Economic History* 64:2 (June) pp. 579-86.
- 2005 Review of Angus Madison, *The World Economy: Historical Statistics*, in *Journal of Economic History* 65:1 (March) pp. 283-84.
- 2005 Entry on “Los Angeles-Long Beach” in J. McCusker, L. Cain, S. Engerman, D. Hancock, K. Pomeranz, eds. *History of World Trade* (New York: McMillan).

- 2006 Review of Douglas Cazaux Sackman, *Orange Empire: California and the Fruits of Eden* and Nahum Karlinsky, *California Dreaming: Ideology, Society, and Technology in the Citrus Industry of Palestine, 1890-1939* on eh.net 14 Nov. 2006
- 2008 Review of Thomas K. McCraw, *Prophet of Innovation: Joseph Schumpeter and Creative Destruction* in *Journal of Economic History*.
- 2009 Review of Ann N. Greene, *Horses at Work: Harnessing Power in Industrial America* in *Journal of Economic History*.
- 2011 Review of Alexander J. Field, *A Great Leap Forward: 1930s Depression and US Economic Growth* on eh.net Dec. 2011.
- 2013 Review of James Simpson, *Creating Wine: The Emergence of a World Industry, 1880-1914* in *Historia Agraria* (Abril), pp. 208-10.
- 2016 “Amber Waves of Change: Wheat’s Centuries-Long Record of Climate Adaption” *PERC Reports* 35, no. 2 (Winter) (with Alan L. Olmstead). pp. 14-21.
- 2020 Featured Review of Caitlin Rosenthal, “Accounting for Slavery: Masters and Management,” *Journal of Economic History*. (March)
- 2022 Review of Josh Sides, *Backcountry Ghosts. California Homesteaders and the Making of a Dubious Dream* (University of Nebraska Press, 2021) in *California History*.
- 2022 Review of Nicholas Mulder. *The Economic Weapon: The Rise of Sanctions as a Tool of Modern War*. (Yale Univ. Press, 2022) in *Australian Outlook*.