

Carol H. Shiue
Professor of Economics

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Department of Economics
University of Colorado, UCB 256
Boulder, CO 80309

EDUCATION

Ph.D., Economics, Yale University, 1999.

B.S., Economics, Massachusetts Institute of Technology, 1990.

FIELDS OF SPECIALIZATION

Market integration in China and Europe; Human capital accumulation and long-run growth;
Intergenerational social mobility; History of China's foreign trade.

PROFESSIONAL POSITIONS

2017-present Professor of Economics, University of Colorado; Professor of History (by courtesy)

2016-present Faculty Associate, Institute of Behavioral Science, Program on International
Development

2014-present University of Munich and Center for Economic Studies and Ifo Institute (CESifo),
Visiting Researcher

2014-present Research Network Fellow, Center for Economic Studies and Ifo Institute (CESifo),
Munich, Germany

2012-present Fellow, Centre for Economic Policy Research (CEPR), U.K., Economic History
Program

2011-present Faculty Associate, Institute of Behavioral Science, Institutions Program

2022-2026 Editorial Board, *Social Science History*

2015-2019 Editorial Board, *Explorations in Economic History*

2016-2018 National Science Foundation (NSF) Economics Advisory Panel

2016-2018 Co-Editor, *Journal of Economic History* Book Reviews

2015-2016 Editorial Associate, *Journal of Economic History*

2013-2014 Visiting Associate Professor, Stanford Institute for Economic Policy Research,
Stanford University

2011-2012 Editorial Board, *Explorations in Economic History*

2010-2011 Visiting Associate Professor, Department of Economics, Princeton University

2009 University of Munich and CESifo, Visiting Researcher

2007-2011 Editorial Board, *Journal of Economic History*

2005-2017 Associate Professor of Economics with tenure, University of Colorado

1999-2005 Assistant Professor of Economics, University of Texas-Austin

2005-present Research Economist, National Bureau of Economic Research (NBER),

- International Trade and Investment Program
2003-present Affiliate, Centre for Economic Policy Research (CEPR), U.K., International Trade and Regional Economics Program
2003-2004 Visiting Researcher, The World Bank, Washington D.C., Development Research Group

HONORS, AWARDS, AND FELLOWSHIPS

- 2014-2015 Friedrich Wilhelm Bessel Award, Alexander von Humboldt Foundation
2013-2014 National Fellow, Hoover Institution, Stanford University
2002-2003 Visiting Scholar, The Russell Sage Foundation, New York City
1999 Gerschenkron Prize finalist for best dissertation, Economic History Association

RESEARCH GRANTS

- 2020-2022 Chiang Ching-kuo Foundation, Scholar Grant, \$30,000.
2011-2014 National Science Foundation, "Trading, Institutions, Product Innovation, and Entrepreneurship", \$684,941, (Grant SES-1124426, with Wolfgang Keller), extended until 2016
2005-2008 National Science Foundation, "What Explains Modern Economic Growth? New Evidence from a Comparison of China and Europe in the 18th Century", \$266,183 (Grant SES-0453040, with Wolfgang Keller)
2005-2007 Metanexus Institute, "Religion and Economic Change", \$500,000 (with Robert D. Woodberry, Mark D. Regnerus, Joseph E. Potter, Virginia Garrard-Burnett, and Daniel Powers)
2002-2004 National Institutes of Health, "Intergenerational and Interfamily Economic Links", Principal Investigator, \$149,750, (NICHD R03)

PUBLICATIONS

- "Social Mobility in the Long Run: A Temporal Analysis of China, 1300 to 1900", forthcoming Journal of Economic History.
- "Foreign Trade and Investment", (with Wolfgang Keller). In Cambridge Economic History of China, 2 volumes, edited by Debin Ma and Richard von Glahn, Cambridge University Press, 2022. <https://doi.org/10.1017/9781108348485>
- "Capital Markets in China and England in the 18th and 19th Centuries: Evidence from Grain Prices", (with Wolfgang Keller and Xin Wang), American Economic Journal: Applied Economics, July 2021, Vol 13(3), pp. 31-64.
- "International Transactions: Real Trade and Factor Flows", (with Wolfgang Keller and Markus Lampe). In Cambridge Economic History of the Modern World, Vol. 1, Chapter 16, edited by Stephen Broadberry and Kyoji Fukao, Cambridge University Press, 2021, pp. 413-437. <https://doi.org/10.1017/9781316671566>

"[Capital markets and grain prices: assessing the storage cost approach](#)," (with Wolfgang Keller) [Cliometrica](#), May 2020, vol. 14(2), pp. 367-396.

"[Market integration and institutional change](#)," (with Wolfgang Keller), [Review of World Economics](#) ([Weltwirtschaftliches Archiv](#)), May 2020, vol. 156(2), pp. 251-285.

"Human Capital and Fertility in Chinese Clans Before Modern Growth", [Journal of Economic Growth](#), 2017, 22(4), pp. 351-396.

"China's Domestic Trade During the Treaty Port Era", [Explorations in Economic History](#), January 2017, 63, pp. 26-43 (with Wolfgang Keller and Javier Andres Santiago).

"A Culture of Kinship: Chinese Genealogies as a Source for Research in Demographic Economics", [Journal of Demographic Economics](#), December 2016, 82(4), pp. 459-482.

"The Endogenous Formation of Free Trade Agreements: Evidence from the Zollverein's Impact on Market Integration", [Journal of Economic History](#), December 2014, 74(4), pp. 1168-1204 (with Wolfgang Keller).

"The Organization and Scope of Grain Markets in Qing China", in *A History of Market Performance: From Ancient Babylonia to the Modern World*, R.J. Van der Spek, Jan Luiten van Zanden, E.S. van Leeuwen (eds.), Routledge, 2014.

"Shanghai's Trade, China's Growth: Continuity, Recovery, and Change since the Opium War", [International Monetary Fund Economic Review](#), 2013, Vol. 61, pp. 336-378 (with Wolfgang Keller and Ben Li).

"The Evolution of Domestic Trade Flows when Foreign Trade is Liberalized: Evidence from the Chinese Maritime Customs Service", (with Wolfgang Keller and Ben Li), in *Institutions and Comparative Economic Development*, Masahiko Aoki, Timur Kuran and Gérard Roland (eds.), New York: Palgrave Macmillan, 2012, pp. 152-172.

"China's Foreign Trade, Perspectives from the Last 150 Years", [The World Economy](#), 2011, 34(6), pp. 853-892 (with Wolfgang Keller and Ben Li).

"Markets in China and Europe on the Eve of the Industrial Revolution", [American Economic Review](#), September 2007, 97(4), pp. 1189-1216 (with Wolfgang Keller).

- Reprinted in M. Casson (ed.), *Markets and Market Institutions: Their Origin and Evolution*, Edward Elgar Publishing Ltd, Cheltenham, UK, 2011.

"The Origins of Spatial Interaction", [Journal of Econometrics](#), September 2007, 140(1), pp. 304-332 (with Wolfgang Keller).

"Market Integration and Economic Development: A Long-run Comparison", [Review of Development Economics](#), February 2007, 11(1), pp. 107-123 (with Wolfgang Keller).

"From Political Fragmentation towards a Custom Union: Border Effects of the German Zollverein, 1815-1855", European Review of Economic History, August 2005, 9(2), pp. 129-162.

"The Political Economy of Famine Relief in China, 1740-1820", Journal of Interdisciplinary History, Summer 2005, 36(1), pp. 33-55.

"Local Granaries and Central Government Disaster Relief: Moral Hazard and Intergovernmental Finance in Eighteenth and Nineteenth Century China", Journal of Economic History, March 2004, 64(1), pp. 101-125.

"Transport Costs and the Geography of Arbitrage in Eighteenth Century China", American Economic Review, December 2002, 92(5), pp. 1406-1419.

"Comparing the Correlation Length of Grain Markets in China and France", International Journal of Modern Physics C, October 2000, 11(7), pp. 1383-1410 (with Bertrand M. Roehner).

PUBLICATIONS: SHORT ARTICLES

"For Money, not Love? 14th to 19th Century Marriage Matching in China", forthcoming, VoxChina (with Wolfgang Keller)

"Social Mobility of Daughters and Marital Sorting", forthcoming, VoxChina (with Wolfgang Keller)

"Marriage and Intergenerational Mobility, forthcoming, VoxEU (with Wolfgang Keller)

"Modernization and China's 'Century of Humiliation'", VoxEU article (with Wolfgang Keller), December 5, 2021, <https://voxeu.org/article/modernisation-and-china-s-century-humiliation>

"Domestic geography matters: China's internal trade during the Treaty Port", VoxEU article (with Wolfgang Keller and Javier Andres Santiago), August 23, 2016, <http://voxeu.org/article/how-domestic-trade-frictions-shape-welfare-gains>

"The Marketing System in Pre-Modern China", in *Oxford Bibliographies for Chinese Studies*, Tim Wright (ed.), New York: Oxford University Press, Spring 2013.

"Trade effects when formation of trade agreements is endogenous", VoxEU article (with Wolfgang Keller), December 19, 2013, <http://www.voxeu.org/article/do-trade-agreements-increase-trade-evidence-zollverein>

"China's Soaring Foreign Trade: Made in Britain, c. 1840?" VoxEU article (with Wolfgang Keller and Ben Li), December 19, 2010, <http://www.voxeu.org/index.php?q=node/5942>

"Comments on Abramitzky, Chaudhary, Musacchio," *Journal of Economic History*, June 2007, 67(2), pp. 511-515. (Alexander Gerschenkron Prize Panel, Convener's comments)

"Grain Trade and Storage in Late Imperial China," *Journal of Economic History*, June 2000, 60(2), pp. 511-515 (Dissertation Summary, selected for the Alexander Gerschenkron Prize Panel).

PUBLICATIONS: BOOK REVIEWS

"Review of Francesca Bray, Peter A. Coclanis, Edda L. Fields Black, and Dagmar Schäfer (eds.), *Rice: Global Networks and New Histories*," Cambridge University Press, 2015, *Journal of Economic History*, June 2017, 77(2), pp. 647-649

"Review of Sui-Cheung, *The Price of Rice: Market Integration in Eighteenth-Century China*," Western Washington University Press, 2008, *Journal of Economic History*, May 2010, 70(2), pp. 523-525.

"Review of Madeleine Zelin, *The Merchants of Zigong: Industrial Entrepreneurship in Early Modern China*," New York: Columbia University Press, 2006, *Journal of Economic History*, December 2006, 66(4), pp. 1086-1088.

- Also published in *Economic History Services*, September 2006

"Review of Madeleine Zelin, Jonathan K. Ocko, Robert Gardella (eds.), *Contract and Property in Early Modern China*," Stanford University Press, 2004, *Economic History Services* book review, September 2004.

WORKING PAPERS AND WORK IN PROGRESS

"Mining Chinese Historical Sources at Scale: A Machine Learning Approach to Qing State Capacity (with Wolfgang Keller and Sen Yan)

- The Eleventh CEPR Economic History Symposium, July 2024.

"High Frequency Population Estimates of China" (with Eric Chaney and Duan Li)

"Tariff Autonomy in 1930's China" (with Wolfgang Keller, Markus Lampe, Kevin O'Rourke)

"Human Capital Strategies for Recovery from Big Shocks: The Case of the Fall of the Ming", January 2023 (with Wolfgang Keller)

- Presented at 1st Annual Conference on China and the Global Economy, HKU Business School CEPR Economic History Symposium, Geneva, June 2023; New Economic History of China Conference, Northwestern University, March 2023; NBER China Conference February 2023; CEPR-Manchester Chinese History Conference, Oct 2022.

"The Economic Consequences of the Opium War", NBER Working Paper # 29,404, February 2023 (with Wolfgang Keller)

- Presented at CEPR Inaugural Conference @ Paris, June 2022; Geneva Macro History Workshop, May 2022; Oxford University, Feb 2022; Banco de Espana/CEPR Conference, Sept 2021; NYU Abu Dhabi, May 2021; NBER China Group, Spring 2021; UC Irvine, April 2021.

"Marriage Matching over Five Centuries in China", NBER Working Paper # 30,625 (with Wolfgang Keller)

"Occupational and Geographic Job Mobility in China, 1870 – 1916: Micro-evidence from the Chinese Maritime Customs Service Lists", July 2016 (with William Ridley and Wolfgang Keller)

"China's Foreign Trade and Investment, 1800-1950" (with Wolfgang Keller). NBER Working Paper 27558, July 2020.

INVITED SEMINAR PRESENTATIONS

Oxford University, Nuffield College, February 2022

NYU Abu Dhabi, May 2021

University of California Irvine, April 2021

Singapore Management University, June 2019

National University of Singapore, June 2019

University of Hong Kong, May 2019

Iowa State University, November 2018

Kiel University, November 2017

New York University, November 2017

University of Nebraska, October 2017

Northwestern University, October 2017

University of Michigan, October 2017

Brandeis University, April 2017

South Western University of Finance and Economics, Chengdu, June 2017

The World Bank, November 2016

Rutgers University, November 2016

University of California-Los Angeles, October 2016

University of California-Davis, May 2016

University of Warwick, November 2015

University of Mannheim, November 2014

University of Munich, November 2014
Stanford University, November 2013;
Oxford University, November 2012
Singapore Management University, July 2012
Fudan University, Shanghai, June 2012
Hong Kong University of Science and Technology, May 2010
University of Hong Kong, May 2010
University of British Columbia, April 2009
Northwestern University, October 2008
University of California-Davis, October 2008
The Graduate Institute, Geneva, June 2008
University of Tuebingen, June 2008
McGill University, March 2008
University of Western Ontario, November 2007
Washington Area Economic History Seminar, University of Maryland, March 2007
Institut d'Études Politiques de Paris, March 2005
North Carolina State University, January 2005
Northwestern University, December 2004
University of California-Davis, November 2004
University of Colorado-Boulder, November 2004
Harvard University, October 2004
Yale University, October 2004
Michigan State University, October 2004
University of Texas-Austin, April 2004
Stanford University, October 2003
University of California-Berkeley, October 2003
The World Bank, May 2003
Columbia University, May 2003
University of California-Los Angeles, April 2003
The Russell Sage Foundation, March 2003
Harvard University, November 2002
Brown University, April 2002

SPEAKER AT INTERNATIONAL CONFERENCES

- 2024 Genealogical Sources in Economic History, LSE, June 3-4
- 2023 CAGE Research Centre Summer School, Lecture on "Long-run Longitudinal Data for Family Research", University of Warwick, June 25-29.
- 2018 Hitotsubashi University, Cambridge Economic History of the Modern World Conference August 8-10.
- 2018 World Economic History Congress, Presidential Session: Industrialization and Income Distribution Around the World: A Historical and Comparative Perspective, Boston, July 30-August 4.
- 2018 Shanghai University of Finance and Economics, Economic History Conference, July 1-2.
- 2018 Keynote speaker: International Trade and Investment Symposium, University of

- International Business and Economics (UIBE), Beijing, June 25-26.
- 2018 Shanghai University of Finance and Economics, Trade Workshop, June 21.
- 2016 Shanghai University of Finance and Economics, "Institutions, Ideas, and Social Practices: Exploring New Directions in Chinese Economic History", September 10-11.
- 2016 China-India Conference at the Paris School of Economics, Paris, France, June 8-9.
- 2016 Fourth CEPR Economic History Symposium, Dublin, Ireland, June 9-10.
- Two papers, one presented by co-author
- 2015 World Economic History Congress, session on "Accounting for the Great Divergence", Kyoto, Japan, August 3-7.
- 2015 Keynote speech, Third Annual International Symposium of Quantitative History, Peking University, July 16-17.
- 2010 Asian Historical Economics Conference, Beijing, China, May 19-21.
- 2008 European Research Workshop in International Trade, CEPR, St. Gallen, Switzerland, June.
- 2005 Global Economic History Network Conference on Factor Markets, Utrecht, The Netherlands, June.
- 2004 Conference on "Market Performance and the Welfare Gains", European University Institute, Florence, Italy, July.
- 2003 European Science Foundation Conference on "Famine: Interdisciplinary Perspectives from the Past and Present", Fondation des Treilles, Tourtour, France, May.
- 1999 European Research Conference (EURESCO) on "Commercial Networks, Transaction Costs, and Market Integration, 1250-2000", Venice, Italy, December.
- 1998 Econometric Society European Meetings, Berlin, Germany, August.
- 1998 European Economic Association Congress, Berlin, Germany, August.

NATIONAL CONFERENCES AND MEETINGS

- 2023 NBER Summer Institute, Development of the American Economy, July.
- 2023 New Economic History of China Conference, Northwestern University, March.
- 2023 NBER China Workshop, February.
- 2022 International Macro History Online Seminar-CEPR, May.
- 2022 The Chinese Economy in the Long-Run, CEPR-Manchester, October.
- 2021 NBER China Workshop, April.
- 2020 NBER Summer Institute, Development of the American Economy, July.
- 2017 NBER Summer Institute, Development of the American Economy, July.
- 2016 Cliometric Society Conference, Pittsburgh. May.
- 2012 Economic History Association Meetings, Vancouver, BC, September.
- 2008 Stanford SITE Conference: Theory and History, Palo Alto, California, August.
- 2008 NBER Economic Fluctuations and Growth, Cambridge, Massachusetts, July.
- 2008 NBER Development of the American Economy, Cambridge, MA, July.
- 2007 Cliometric Society Conference, Tucson, Arizona, May.
- 2006 Economic History Association meetings, Convener, Alexander Gerschenkron Prize session, Economic History Association meetings, Pittsburgh, PA, September.
- 2004 National Bureau of Economic Research, Conference on China in Economic Transition, Cambridge, MA, October.

- 2004 NBER Summer Institute, Economic Fluctuations and Growth-Income Distribution program, Cambridge, MA, July.
- 2004 NBER Summer Institute, Development of the American Economy program, Cambridge, MA, July.
- 2004 Allied Social Science Association conference, Economic History Association session, San Diego, CA.
- 2002 Economic History Association meetings, St. Louis, Missouri, October.
- 2000 Econometric Society Winter meetings, Boston, Massachusetts, January.
- 1999 Economic History Association meetings, Baltimore, Maryland, October.
- 1999 Tenth Lonestars Conference, Texas A & M University, College Station, Texas, October.
- 1999 Econometric Society Winter meetings, New York City, January.
- 1999 Allied Social Science Association conference, Cliometric Society session, New York, NY, January.
- 1998 Ninth Lonestars Conference, University of Texas, Austin, Texas, October.

DISCUSSANT and SESSION CHAIR

International Macro History Online Seminar-CEPR, April 2023.

Economic History Association Meetings, "Economic Development in Asia", September 2022, La Crosse, WI.

Economic History Association Meetings, October 2021, Tucson, Arizona.

American Economic Association Annual Meetings, January 6, 2011, Comments on "Cultural and Institutional Bifurcation: China and Europe compared", Avner Greif and Guido Tabellini.

American Economic Association Annual Meetings, January 9, 2011, Comments on "Institutions, Property Rights, and Economic Growth in Asia", Dongwoo Yoo and Richard Steckel.

Economic History Association Annual Meeting, September 19, 2006, Comments on "The Organization of Merchant Empires: A Case Study of Portugal and England", Claudia Rei.