

Carol H. Shiue
Professor of Economics

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EDUCATION

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

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

RESEARCH INTERESTS

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, and Professor of History (by courtesy), University of Colorado
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
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.
- 2011-2017 National Science Foundation, "Trading, Institutions, Product Innovation, and Entrepreneurship", \$684,941, (Grant SES-1124426, with Wolfgang Keller)
- 2005-2009 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

- "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.
- "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, in press.
- "Real International Transactions", (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.
- "[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

"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

“The Economic Consequences of the Opium War”, (with Wolfgang Keller), NBER # 29304, submitted

“New Perspectives on Gender and Household Migration”, (with Melanie Xue Meng, London School of Economics, and Wolfgang Keller)

“Market Volatility and Treaty Ports”, (with Wolfgang Keller and Xin Wang, Peking University), in progress

“Urban Population and Development”, (with Eric Chaney, Oxford), in progress

“Social Mobility in the Long Run: A Temporal Analysis of China, 1300 to 1900”, CEPR Discussion Paper 13589, submitted

“Marriage Matching over Five Centuries in China”, (with Wolfgang Keller), in progress

“Human Capital Acquisition, Famines, and Dynastic Change”, (with Wolfgang Keller), in progress

“Occupational and Geographic Job Mobility in China, 1870-1916, Micro-evidence from the Chinese Maritime Customs Service List”, (with William Ridley, U Illinois, and Wolfgang Keller), in progress

KEYNOTE AND SPECIAL LECTURES

- 2018 Presidential Session, World Economic History Congress, Industrialization and Income Distribution Around the World: A Historical and Comparative Perspective, Boston, July 30-August 4.
- 2018 Keynote speaker, International Trade and Investment Symposium, University of International Business and Economics (UIBE), Beijing, June 25-26.
- 2015 Keynote speech, Third Annual International Symposium of Quantitative History, Peking University, July 16-17.

SEMINAR PRESENTATIONS SINCE 2016

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

SPEAKER AT INTERNATIONAL CONFERENCES

- 2018 Hitotsubashi University, Cambridge Economic History of the Modern World Conference August 8-10.
- 2018 Shanghai University of Finance and Economics, Economic History Conference, July 1-2.
- 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.
- 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 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

- 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.

RECENT PRESENTATIONS, BY PAPER

“The Economic Consequences of the Opium War”

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

“Capital Markets and Grain Prices: Assessing the Storage Approach”, CEPR Economic History Symposium, Rome, June 2018

“Human Capital Acquisition, Famines, and Dynastic Change” Economic History Association Conference, September 2016.

CONFERENCE PAPER DISCUSSIONS

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

Discussant at the American Economic Association Annual Meetings, January 9, 2011, Comments on “Institutions, Property Rights, and Economic Growth in Asia”, Dongwoo Yoo and Richard Steckel.

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

GRADUATE STUDENT ADVISING—UNIVERSITY OF COLORADO and EXTERNAL COMMITTEES

Peiyuan Li – chair, ongoing

Laura Anne Wreschnig

Brian Marein – co-chair; first position: University of Toronto

Xiang Chi

Cong Liu, University of Arizona, Economics Ph.D. – first position: Shanghai University of Finance and Economics

Xin Wang – first position: Peking University

Ying Bai, Hong Kong University of Science and Technology, Economics Ph.D. – first position:

The Chinese University of Hong Kong
 Dustin Frye – first position: Vassar College
 Zach Ward – first position: Australian National University
 Ross William Knippenberg
 Youngho Kang – first position: Soongsil University
 Justin Bucciferro – first position: Eastern Washington University
 Jessica Vechbanyongratana – chair, first position: Chulalongkorn University
 Jirapa Inthisang

NATIONAL SCIENCE FOUNDATION DISSERTATION GRANT SPONSORSHIP

2022 Peiyuan Li. “Collective Action in State and Society: 19th and 20th Century China”, Submitted

2018-2019 Brian Marein. “An Economic History of Hispanic Migration and Assimilation: Puerto Ricans in the US.” Extended to 2022.

2008-2009 Jessica Vechbanyongratana. “Savings in the United States, 1835-1853.”

SPONSORSHIP OF UNDERGRADUATE RESEARCH OPPORTUNITY PROGRAM (UROP) RESEARCH ASSISTANTSHIP GRANT

2017 Rebecca Jane Howarth. “The Impact of Western Colonial Institutions in China.” University of Colorado, \$800.

SPONSORSHIP OF CONFERENCES, FUNDING AWARDS

2015-2016 Center of Western Civilization Award for the Economic History Association Meetings, \$1500.

2015-2016 Arts and Sciences Dean’s Fund for Excellence for the Economic History Association, \$1000, 2015-2016.

PROFESSIONAL SERVICE

2018-2021 Executive Committee, EH.Net, Chair in 2020-21

2015-2016 Local Arrangements Committee, Economic History Association

2012-2013 Program Committee, Economic History Association

2011-2012 Program Committee, Cliometrics Society Annual Conference

2010-2011 Chair, Hughes Prize Committee, Economic History Association

2009-2011 Organizer, Teaching Breakfast Session, Economic History Association

2009-2010 Hughes Prize Committee, Economic History Association

UNIVERSITY AND CAMPUS SERVICE

2020-2021 College of Arts and Sciences, Personnel Committee, Chair
2018-2021 College of Arts and Sciences, Personnel Committee, Member
2020-2021 Arts and Sciences Council (ASC) Executive Committee
2016 Co-Organizer Digital Humanities Series Lecture
2015 Chancellor's Postdoctoral Fellow Recommendation and Review Committee
2013 Arts and Sciences Council Representative
2009-2010 Executive Committee, Center for Asian Studies
2009-2010 Faculty Affairs Committee, Center for Asian Studies
2009-2010 Events Planning Committee, Center for Asian Studies
2009 Co-organizer with Institute of Behavioral Science Population Center, Speaker at a Campus Event
2006-2008 Provost's Licensing Advisory Committee

ECONOMICS DEPARTMENT SERVICE

2019-2020 Interdisciplinary ARPAC Review
2019-2021 Chair, Economics Women's Group
2017-2018 Faculty Mentoring Committee
2016-2018 Awards and Nomination Committee
2016 Graduate Student Recruitment Field Presentations
2016-2017 Chair, Economic History Recruitment Committee
2016-2017 Chair, Economics Women's Group
2015-2016 Economic History Brownbag Participation, Hosting Speaker
2015-2016 Chair, Economic History Recruitment Committee
2015-2016 Chair, Economics Women's Group
2015 Graduate Student Recruitment Field Presentations
2014-2015 Economic History Brownbag Seminar Presentation
2013 Graduate Student Recruitment Meetings
2012-2013 Research Committee/Awards Committee
2012-2013 Teaching Committee (2) for Reappointment
2009-2010 Economics Women's Group Co-Organizer
2009-2010 Awards Committee
2009-2010 Ad Hoc Plagiarism Review Committee
2009 Graduate Student Recruitment Field Presentation
2008-2009 Economics Women's Group Co-Organizer
2007-2008 Awards Committee
2006-2007 Economics Women's Group Co-Organizer
2006-2007 Junior Faculty Mentoring Committee
2006 Tenure and Promotion Teaching Review Committee
2005-2006 Junior Faculty Mentoring Committee
2005-2006 Graduate Curriculum Committee
2005-2006 Research Committee
2005 Third-Year Research Review Committee

REFEREEING

The American Economic Review, China Economic Review, Econometrica, Economic History Review, Economic Inquiry, Economic Letters, European Review of Economic History, Explorations in Economic History, Journal of Development Economics, Journal of Econometrics, Journal of Economic Behavior and Organization, Journal of Economic Growth, Journal of Economic History, Journal of International Economics, Journal of Political Economy, Journal of Population Economics, International Regional Science Review, Modern China, Population Studies, Quarterly Journal of Economics, Review of Economics and Statistics, Review of Economic Studies, and other journals.

Reviewer for: U.S. National Science Foundation, Hong Kong Research Grants Council, European Research Council.