

**Carol H. Shiue**  
**Professor of Economics**

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+1 303-492-5169 (w)  
+1 303-735-5500 (main)  
+1 303-492-8960 (f)  
[shiue@colorado.edu](mailto:shiue@colorado.edu)

Department of Economics  
University of Colorado, UCB 256  
Boulder, CO 80309  
<http://spot.colorado.edu/~shiue>

**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, 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 University, Stanford Institute for Economic Policy Research  
2011-2012 Editorial Board, *Explorations in Economic History*  
2010-2011 Visiting Associate Professor, Princeton University, Department of Economics  
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

- "Capital Markets in China and England in the 18<sup>th</sup> and 19<sup>th</sup> Centuries: Evidence from Grain  
Prices", (with Wolfgang Keller and Xin Wang), American Economic Journal: Applied  
Economics, forthcoming.
- "Capital Markets and Grain Prices: Assessing the Storage Cost Approach", (with Wolfgang  
Keller and Xin Wang), Cliometrica, December 2019.
- "Market Integration and Institutional Change", (with Wolfgang Keller). Review of World  
Economics, forthcoming, published online September 2019.
- "Real International Transactions", (with Wolfgang Keller and Markus Lampe). In  
*Cambridge Economic History of the Modern World*, 2 volumes, edited by Stephen

Broadberry and Kyoji Fukao, Cambridge University Press, in press.

“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.

“Human Capital and Fertility in Chinese Clans Before Modern Growth”, Journal of Economic Growth, 2017, 22(4), 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.

“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.

“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).

“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**

“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**

“Social Mobility in the Long Run: A Temporal Analysis of China, 1300 to 1900”. CEPR Discussion Paper 13589, March 2019. Under submission.

“Human Capital Acquisition, Famines, and Dynastic Change”, in progress.

“Occupational and Geographic Job Mobility in China, 1870-1916, Micro-evidence from the Chinese Maritime Customs Service List”, in progress.

“Capital Markets and Colonial Institutions in China”, mimeograph (with Wolfgang Keller).

**INVITED SEMINAR PRESENTATIONS SINCE 2002**

University of California Irvine, May 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 (Invited lectures are denoted with\*)**

- 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**

- 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.

#### **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.

#### **SPONSORSHIP OF NSF DISSERTATION GRANTS**

2018-2019 Brian Marein. "An Economic History of Hispanic Migration and Assimilation: Puerto Ricans in the US." Extended to 2021.

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, 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 ASC Executive Committee
- 2018-2021 College of Arts and Sciences, Personnel Committee (Chair 2020-21)
- 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

#### REFEREING

*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.