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Department of Economics
University of California-Irvine
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Education

Ph.D., Economics, UCLA, 2003
M.A., Economics, UCLA 2000
B.S., Economics, University of Minnesota 1998
B.A., Summa Cum Laude, History, University of Minnesota 1998
B.A., Mathematics, University of Minnesota 1998

Employment

2003 to 2009, Assistant professor, Department of Economics, UC Irvine
2009 to 2019, Associate professor, Department of Economics, UC Irvine
2019 to present, Professor, Department of Economics, UC Irvine

Visiting appointments

2010-11, Visiting Associate professor, Caltech
2019-20, Visiting professor, NYU Stern

Positions held at UC Irvine

2011-2017, Director of Undergraduate Honors Program in Economics
2015-2017, Social science representative on faculty Senate
2017-2019, Graduate Director in Economics
2022-2024, Social science representative on faculty Senate
2025-2027, Social Science representative on Committee on Committees

Editorial

2009-2013, editorial board, Journal of Economic History
2015-2018, Co-Editor European Review of Economic History
2018-2022, Co-Editor Journal of Economic History

Service to professional organizations

2003-2019, steering committee all-UC economic history group
2018-present, Executive committee member for International Economic History Association (IEHA)
2020-present, Journal of Economic History Committee for Economic History Association

Affiliation with research institutes and centers

2022-present, research affiliate The Centre for Economics, Policy and History
2024-present, Irish Historical Macroeconomic Policy Network

Service to community organizations

2021-present, Orange County Court Appointed Special Advocate (OCASA)

Journal Articles, Peer-Reviewed

‘A better ride: new evidence on travel and the quality of roads in England and Wales, 1660-1820,’ (joint with Alan Rosevear and Leigh Shaw Taylor), forthcoming Explorations in Economic History.

‘East Indiamen: Shipping and its effect on East India Company-Asian trade 1660-1830’ (joint with Marco Del Angel), forthcoming in Cliometrica.

‘Transport and urban growth in the First Industrial Revolution.’ (joint with Eduard J Alvarez-Palau, Max Satchell, Leigh Shaw Taylor), *The Economic Journal*, 135 (2025): 1191–1228. <https://doi.org/10.1093/ej/ueae111>

‘The Growth Contribution of Colonial Indian Railways in Comparative Perspective.’ (joint with Latika Chaudhary and Alfonso Herranz Loncan) *Economic History Review*, 77.2 (2024): 1509-1534. <https://doi.org/10.1111/ehr.13341>

- ‘Government, trusts, and the making of better roads in early nineteenth century England and Wales’ (joint with Alan Rosevear and Leigh Shaw Taylor) *European Review of Economic History*. 28(3) (2024): 399–423, <https://doi.org/10.1093/ereh/head030>
- ‘Organizations and efficiency in public services: The case of English lighthouses revisited’ (joint with Oliver Dunn, Eduard J Alvarez-Palau, Leigh Shaw Taylor) *Economic Inquiry* 60.2 (2022): 975-994.
- ‘Railways, divergence, and structural change in 19th century England and Wales.’ (joint with Xuesheng You, Eduard J Alvarez-Palau, Max Satchell, Leigh Shaw Taylor) *Journal of Urban Economics* 128 (2022): 103390.
- ‘Infrastructure and institutions: lessons from history.’ *Regional Science and Urban Economics* 94 (2022): 103626.
- ‘Speedier delivery: coastal shipping times and speeds during the age of sail.’ (joint with Oliver Dunn, Eduard J Alvarez-Palau, Leigh Shaw Taylor), *Economic History Review* 74 (2021):87-114.
- ‘The spatial patterns of coaching in England and Wales from 1681 to 1836: a GIS approach.’ (joint with Alan Rosevear and Leigh Shaw Taylor), *Journal of Transport History*. 40 (2019): 418-444.
- ‘Extractive Institutions? Investor returns to Indian railway companies in the Age of High Imperialism.’ (joint with Latika Chaudhary) *Journal of Institutional Economics* 15 (2019): 751-774
- ‘Investing in Early Public Works: Financial risks and returns in English and Welsh turnpikes 1820-1882.’ *Economic History Review* 72 (2019): 848-868
- ‘Canal carriers and creative destruction in England's transport sector’ (Joint with Mike Lefors and Max Satchell)’ *Explorations in Economic History*, 71 (2019): 1-24.
- ‘Party connections, interest groups, and the slow diffusion of infrastructure: Evidence from Britain’s first transport revolution.’ *The Economic Journal*, 128 (2018): 541–575.
- ‘Political Party Representation and Electoral Politics in England and Wales, 1690-1747,’ *Social Science History*, 40 (2016): 271-303
- ‘Off the Rails: Is State Ownership Bad for Productivity? (Joint with Latika Chaudhary)’ *Journal of Comparative Economics*, 43 (2015): 997-1013.
- Engines of Growth: The Productivity Advance of Indian Railways, 1874-1912 (Joint with Latika Chaudhary), *Journal of Economic History*, 73 (2013): 339-370
Note: this paper was awarded the Cole Prize for the best article in the Journal of Economic History 2013.
- Regulation, Ownership and Costs: A Historical Perspective from Indian Railways (Joint with Latika Chaudhary) *American Economic Journal: Economic Policy* 4 (2011): 28-57.
- ‘Did the Glorious Revolution Contribute to the Transport Revolution? Evidence from Investment in Roads and Rivers’ *Economic History Review* 64 (2011): 1073-1112.
- ‘Property Rights and Parliament in Industrializing Britain.’ (Joint with Gary Richardson), *Journal of Law & Economics* 54 (2011): 241-274.
- ‘The Estate Acts Database: A New Source for British History.’ (Joint with Gary Richardson). *Research in Economic History* 27 (2010): 1-50.
- ‘A Global Perspective on Railway Inefficiency and the Rise of State Ownership, 1880-1912.’ *Explorations in Economic History* 47 (2010): 158-178.
- ‘Making Property Productive: Reorganizing Rights to Real and Equitable Estates in Britain, 1600-1830.’ With Gary Richardson. *European Review of Economic History* 13 (2009): 3-30.
- ‘Nationalizations and the Development of Transport Systems: Cross-Country Evidence from Railroad Networks: 1860-1912.’ *Journal of Economic History* 69 (2009): 202-237.
- ‘Inter-modal Network Externalities and Transport Development: Evidence from Roads, Canals, and Ports during the English Industrial Revolution.’ *Networks and Spatial Economics* 9 (2009): 309-338.

'Turnpike Trusts and Property Income: New Evidence on the Effects of Transport Improvements and Legislation in Eighteenth-Century England,' *Economic History Review* 62 (2009): 128-152.

'Neighbors, Networks, and the Development of Transport Systems: Explaining the Diffusion of Turnpike Trusts in Eighteenth Century England,' *Journal of Urban Economics* 61 (2007): 238-262.

'Turnpike Trusts and the Transportation Revolution in Eighteenth Century England.' *Explorations in Economic History*, 42 (2005): 479-508.

Note: this paper was awarded the Explorations Prize for best article in Explorations in Economic History 2005.

'Did Turnpike Trusts Increase Transport Investment in Eighteenth Century England?' *The Journal of Economic History*, 65 (2005): 439-468

Peer-reviewed Book Chapters

'Representative government and Mercantilism in England.' (Joint with Kara Dimitruk) Forthcoming in *Free People, Free Markets: Can Democracy & Capitalism be Reconciled?*, edited by Scott C. Miller and Sidney M. Milkis, Oxford University Press, 2024.

'Clio on Speed: A survey of economic history research on transport.' In *Handbook of Cliometrics, Edition 3*, edited by Claude Diebolt and Michael Hauptert, Springer, 2024, DOI: 10.1007/978-3-031-35583-7_67

'Clio on Speed: A survey of economic history research on transport.' In *Handbook of Cliometrics*, edited by Claude Diebolt and Michael Hauptert, Springer Nature, 2019.

'When do toll roads pay? Local conditions and the financial returns to English turnpike roads.' in *Le financement des infrastructures de transport XVIIe-début XIXe siècle*, edited by Anne Conchon, David Plouviez, Eric Szulman, Paris, IGPDE-Comité pour l'histoire économique et financière de la France, 2018.

'The East Indian Monopoly and the Transition from Limited Access in England, 1600-1813.' in *Organizations, Civil Society, and the Roots of Development*, edited by Naomi R. Lamoreaux and John J. Wallis, University of Chicago and National Bureau of Economic Research 2017.

Railways in Colonial India: An Economic Achievement? (Joint with Latika Chaudhary) book chapter in *A New Economic History of Colonial India*, edited by Latika Chaudhary, Bishnupriya Gupta, and Tirthankar Roy, and Anand Swamy, Routledge 2016.

The Transport Revolution in Industrializing Britain: A Survey in *Cambridge Economic History of Britain 1700 to 1870*, third edition, edited by Roderick Floud and Jane Humphries, Cambridge University Press, 2014.

The Economic History of Transportation in *Routledge Handbook of Modern Economic History*, edited by Robert Whaples and Randall E. Parker, Routledge, 2013.

'Two Roads to the Transportation Revolution: Early Corporations in the U.K. and the United States,' (Joint with John Majewski) in *Understanding Long-Run Economic Growth: Geography, Institutions, and the Knowledge Economy*, edited by Dora Costa and Naomi Lamoreaux, University of Chicago Press and National Bureau of Economic Research, 2011.

'British Legal Institutions and Transaction Costs in the Early Transport Revolution,' in *Law and Long-Term Economic Change*, Eds. Debin Ma and Jan Luiten van Zanden, Stanford University Press, 2011.

'State and Private Institutions,' With Mauricio Drelichman, Oscar Gelderblom, and Jean-Laurent Rosenthal, in *Unifying the European Experience: An Economic History of Modern Europe*. Eds. Stephen Broadberry and Kevin O'Rourke, Cambridge University Press, 2009.

Books reviewed

Transport and the industrial city: Manchester and the canal age, 1750–1850, Peter Maw. Manchester: Manchester University Press, 2013. In Book Reviews, *The Economic History Review* 69.4 (2016): 1374-1376.

Between Monopoly and Free Trade: The English East Company, 1600–1757. Erikson Emily. Princeton, NJ: Princeton University Press, 2014. *The Journal of Economic History* 76.1 (2016): 239-241.

Railroaded: The Transcontinentals & the Making of Modern America. Richard White. New York: Norton, 2011. In Book Reviews, *the Independent Review* 17 (2013) 4: 589-592.

Locating the Industrial Revolution: Inducement and Response. Eric L. Jones. Singapore: World Scientific, 2010. In Book Reviews, EH.NET. Published online on Dec. 2011

Argentine Railways: Seven papers on their Economics and History. Damus, Sylvester. Ottawa: DIA Agency INC, 2008. . In Book Reviews, Journal of Economic History 70 (2010): 1010-1011.

Tracks Across Continents, Paths through History: The Economic Dynamics of Standardization in Railway Gauge. Douglas J. Puffert. Chicago: Chicago University Press, 2009. In Book Reviews, EH.NET. Published online on Oct. 12, 2010.

Across the Borders: Financing the World's Railways in the Nineteenth and Twentieth Centuries. Edited by Ralf Roth and Gunter Dinohobl. Aldershot: Ashgate, 2008. In Book Reviews, EH.NET. Published online on Sept 22, 2009.

The New Comparative Economic History: Essays in Honor of Jeffrey G. Williamson. Edited by Timothy Hatton, Kevin O'Rourke, and Alan M. Taylor. Cambridge: MIT Pres, 2007. In Book Reviews, EH.NET. Published online on June 4, 2008.

Industrializing English Law: Entrepreneurship and Business Organization, 1720-1844, By Ron Harris. Cambridge: Cambridge University Press, 2002. In Book Reviews, *Law and History Review* 24 (Fall 2006): 677-679.

The Size of Nations. By Alberto Alesina and Enrico Spolare. Cambridge: MIT Pres, 2003. In Book Reviews, *Journal of Economic History* 66 (2006): 264-266.

Published and publicly available data sets

Rosevear, Alan, Bogart, Dan, Shaw-Taylor, Leigh, and Satchell, Max. 'Cary Road Map of England & Wales 1825.' (with Rosevear, Alan, Shaw-Taylor, Leigh, and Satchell, Max) Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2023-11-13. <https://doi.org/10.3886/E194641V2>

'Turnpike Road map for England and Wales 1700 to 1838' (with Rosevear, Alan, Bogart, Dan, Shaw-Taylor, Leigh, and Satchell, Max. (2023). Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], <https://doi.org/10.3886/E195126V1>.

Rosevear, Alan, Bogart, Dan, and Shaw-Taylor, Leigh. 'Stagecoach services in England and Wales 1819 and 1836' (With Rosevear, Alan, Shaw-Taylor, Leigh, and Satchell, Max). Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2023-12-04. <https://doi.org/10.3886/E195128V3>

'Historical light aids to navigation 1514-1911' (with Buxton-Dunn, Oliver, Alvarez-Palau, Eduard and Shaw-Taylor, Leigh) 2020. [Data Collection]. Colchester, Essex: UK Data Service. 10.5255/UKDA-SN-854172

'Historic ports and coastal sailing routes in England and Wales, 1540-1914' (with Alvarez-Palau, Eduard J, Dunn, Oliver and Satchell, Max and Shaw-Taylor, Leigh) 2019. [Data Collection]. Colchester, Essex: UK Data Service. 10.5255/UKDA-SN-853711

'London road and canal carriers Explorations in Economic History Paper Data' (with Lefors and Satchell). Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2018-08-22. <https://doi.org/10.3886/E105544V1>

GIS of market towns in England and Wales c.1670, created by Dan Bogart, Max Satchell, and Leigh Shaw Taylor , 2017 Created through National Science Foundation grant (SES-1260699), Modelling the Transport Revolution and the Industrial Revolution in England see http://www.socsci.uci.edu/~dbogart/research_page_nsf/

GIS of parliamentary enclosures in England, created by Max Satchell, Dan Bogart, and Leigh Shaw Taylor, 2017 Created through National Science Foundation grant (SES-1260699), Modelling the Transport Revolution and the Industrial Revolution in England see http://www.socsci.uci.edu/~dbogart/research_page_nsf/

GIS of Steam engines installed in Britain 1700-1800, created by Dan Bogart, Max Satchell, Mike Gill, Sean Bottomley, and Leigh Shaw Taylor, 2017 Created through National Science Foundation grant (SES-1260699), Modelling the Transport Revolution and the Industrial Revolution in England see http://www.socsci.uci.edu/~dbogart/research_page_nsf/

MP and GIS data associated with Political Party Representation and Electoral Politics in England and Wales, 1690-1747, published in Social Science History, 2016 available at http://www.socsci.uci.edu/~dbogart/research_page_nsf/

Online Education Materials

The Online Historical Atlas of Transport, Urbanization and Economic Development in England and Wales c.1680-1911 (co-edited with L. Shaw-Taylor and A.E.M. Satchell), <https://www.campop.geog.cam.ac.uk/research/projects/transport/onlineatlas/>

‘The Turnpike Roads of England and Wales’, in The Online Historical Atlas of Transport, Urbanization and Economic Development in England and Wales c.1680-1911. Eds. L. Shaw-Taylor, D. Bogart and A.E.M. Satchell, 2017

‘The development of the railway network in Britain 1825-1911’, (With Xuesheng You and Leigh Shaw Taylor) in The Online Historical Atlas of Transport, Urbanization and Economic Development in England and Wales c.1680-1911. Eds. L. Shaw-Taylor, D. Bogart and A.E.M. Satchell, 2017

Co-creator, Travel in Times Historic Journey Planner, <https://www.travelintimes.org>

Works in Progress

‘Justices of the Peace: Legal Foundations of the Industrial Revolution’ (joint with Tim Besley, Jonathan Chapman, and Nuno Palma)

‘Irish Trade in the Age of Revolution and Union 1785-1825’, (joint with Hannah Mead Kling, Ronan C. Lyons, and Patrick Walsh)

‘Acts of parliament and British economic growth, 1500-1900’ (joint with Fabrizio Marodin and Gary Richardson)

‘Shipping times in the Mediterranean (1795-1915)’ (joint with Gregori Galofre Vila and Eduard Alvarez-Palau)

‘Monarchs, institutions, and the East Indies trade.’ (joint with Marco Del Angel)

‘Market Access and Urban Population Change in England and Wales, 1830-1911’ (joint with Xuesheng You, Oliver Dunn, Eduard J Alvarez-Palau, Leigh Shaw Taylor, Max Satchell)

‘Turnpikes, canals, and economic growth in England and Wales, 1800-1850.’ (joint with Xuesheng You, Eduard J Alvarez-Palau, Leigh Shaw Taylor)

‘Transport networks and the adoption of steam engines in England and Wales, 1761-1800.’ (joint with Sean Bottomley, Max Satchell, Leigh Shaw Taylor)

Fellowships and Grants

Keynes Fund Cambridge, Co- PI with Leigh Shaw Taylor of Cambridge University, 2023
Project title: Overcoming market failure in river navigation in England and Wales 1600-1830.

Keynes Fund Cambridge, Co- PI with Leigh Shaw Taylor of Cambridge University, 2021
Project title: Lighthouses in Economics Redivivus – analysis

Keynes Fund Cambridge, Co- PI with Leigh Shaw Taylor of Cambridge University, 2018-2019.
Project title: Transport, policy, and the British industrial revolution, 1680-1911

Leverhulme Trust Grant, Co- PI with Leigh Shaw Taylor and Tony Wrigley of Cambridge University RPG-2013-093, 2014-2017.
Project Title: Transport, urbanization and economic development in England c.1670-1911

NSF Grant, PI. Award number SES-1260699, 2013-2015
Project Title: Modeling the Transport Revolution and the Industrial Revolution in England

Seed Grant, Center for Global Peace and Conflict Studies, UC Irvine, 2011
Project Title: Infrastructure Development and Regulation: Historical Perspectives from the Industrial Revolution

Seed Grant, Academic Senate, Council on Research, Computing, and Libraries, UC Irvine 2011
Project Title: Infrastructure Development and Regulation: Historical Perspectives from the Industrial Revolution’

Seed Grant, Center for Global Peace and Conflict Studies, UC Irvine, 2008
Project Title: State Ownership and Infrastructure Performance: Evidence from Indian Railways, 1860-1913

Social Science Alumni Assistant Professor Research Award, University of California Irvine, 2005
Project Title: The Political Foundations of Economic Growth in England, 1600-1850

Seed Grant, Center for Global Peace and Conflict Studies, UC Irvine, 2004 (with Gary Richardson)
Project Title: The Political Economy of Parliamentary Legislation in England

Humane Studies Fellowship, Institute for Humane Studies, 2002-03

National Science Foundation, Dissertation Improvement grant # SES-0136749, 2001-02 (with Jean-Laurent Rosenthal)
Project Title: Privatizing the King's Highway: Institutional Change and Infrastructure Investment in Eighteenth Century England

Mentoring Fellowship, UCLA, 2000-2001
Project Title: Corruption and Rent-Seeking in Early Modern Europe

Pauley Fellowship, UCLA, 1998-1999

Awards

Cole Prize for best article in the Journal of Economic History, 2013

Explorations Prize for best article in Explorations in Economic History, 2005

Social Science Alumni Assistant Professor Research Award, UC Irvine, Summer 2005

Finalist for the Gerschenkron Dissertation Prize in Economic History, 2004