

Education

University of Oxford, Nuffield College

D.Phil. Economics

2021-

Supervisors: Banu Demir, Steve Broadberry

University of Oxford, Nuffield College

M.Phil. Economics – Distinction & George Webb Medley Prize

2019-2021

Supervisor: Ferdinand Rauch

Humboldt University Berlin, Germany

B.Sc. in Economics

2015-2019

University of California, Los Angeles

Exchange Student, Economics

2017-2018

Job market paper

Labour Scarcity and Productivity: Insights from the Last Nordic Plague

This paper studies the relationship between labour scarcity and productivity in the context of a 1710s plague outbreak. While higher wages should have led to an export contraction, exports grew after plagued regions shifted into capital-intensive production. Using a Ricardian model, I show that productivity growth in capital-intensive sectors is best suited to explain this export boom. I argue that labour scarcity incentivises capital-intensive production which raises productivity growth.

Winner of the **Best Paper Award Economic and Social History** (Stiftung für die Wissenschaft)

Working papers

Networks in Trade – Evidence from the Legacy of the Hanseatic League (with Stephan Maurer and Ferdinand Rauch)

Accepted at the Journal of International Economics

We study trade networks following the decline of the Hanseatic League, using a novel trade data set that covers cities and traders in Northern Europe over 190 years. By the time of its dissolution in 1669, trade on former Hansa routes is within predictions from a gravity framework. However, traders continue to shape the composition of trade: Hanseats' trade within the former network exceeds gravity predictions for centuries. We argue that we identify a network effect, reflecting trading capital at the level of individual traders. Our paper highlights the long-run stability of networks, maintained at the level of individuals. This amplifies previous findings on the role of networks.

AI and Services-Led Growth: Evidence from Indian Job Adverts (with Alex Copestake, Ashley People, and Katherine Stapleton)

under review

We document near-exponential growth in the demand for artificial intelligence (AI)-related skills in India's services sector since 2016, using a new dataset of online vacancies from its largest jobs website. This coincides with the take-off in developed countries, and is driven by the largest firms and high-tech clusters. We evaluate the impact of demand for AI skills on establishment-level non-AI postings, using a shift-share design that exploits variation in exposure to new AI inventions. We find negative effects on posting volumes and wage offers, particularly for highly skilled managerial and professional occupations, non-routine work, and analytical and communication tasks.

Work in progress

Industrial Policy and the East Asian Growth Miracle (with Reka Juhasz, Nathan Lane, and Kristen Yang)

Useful Knowledge (with Eric Chaney, Alexandra de Pleijt, and Julius Koschnick)

AI and Offshoring (with Katherine Stapleton and Kristen Yang)

Teaching

Department of Economics & Said Business School, University of Oxford

Micro- & Macroeconomics (TA, Graduate)

2021-2024

International Trade Theory (TA, Graduate)

2024

Department of Economics, Humboldt University, Berlin

Introduction to Econometrics (TA, Undergraduate)

2024, 2025

Urban and Spatial Economics (TA, PhD)

2025

Department of Economics & Department of History, University of Oxford

Economics for Economic Historians (Seminar Instructor, Graduate)

2021-2024

New College & Mansfield College, University of Oxford

Microeconomics, Quantitative Economics (Tutor, Undergraduate)

2023, 2024

Grants and awards

SSHRC Insight Grant (CAD \$70,000 with Reka Juhasz and Nathan Lane)

Social Sciences and Humanities Research Council, Canada

2023

CIDER Small Grant (CAD \$24,851 with Reka Juhasz and Nathan Lane)

Centre for Innovative Data in Economics Research, Canada

2022

George Webb Medley Prize for the best thesis (proxime accessit)

University of Oxford

2021

Henrike und Dr. Thomas Kurze Prize for best graduate in Economics

Humboldt University Berlin

2019

Scholarships

Department of Economics Bursary

University of Oxford

2023-2025

Scatcherd Scholarship

University of Oxford

2025

Oxford-Terence Gorman Graduate Scholarship

University of Oxford

2021-2023

Clarendon Scholarship

University of Oxford

2019-2021

Studienstiftung des deutschen Volkes, Stipendiat

German Academic Scholarship Foundation, Scholar

2016-2021

Economics Undergraduate Research Fellow

University of California, Los Angeles

2017-2018

Accounting and Finance Fellow

Humboldt University Berlin

2016-2018

Professional activities

Co-convenor of the Economic and Social History Graduate Seminar

University of Oxford

2021-2024

JCR (College Student Body) President

Nuffield College, University of Oxford

2021-2023

Policy work

Trade Consultant

Berlin Economics 2025

Researcher

LSE Trade Policy Hub 2023-2024

Research Assistant on a paper for the UK Department of Business and Trade

Researcher on a paper for the UK Department of Business and Trade 2025

Trade Analyst

LUISS Hub for New Industrial Policy and Economic Governance 2024-2025

Trade Analyst for a White Book on Italian Productivity and Industrial Policy

Conference and seminar presentations

Pandemics & Society Seminar (invited, upcoming)

PANSOC, OsloMet University 2025

Urban Economics Association Conference

Humboldt University, Berlin 2025

6th Congress for Economic and Social History

Humboldt University, Berlin 2025

Economic and Social History of the Premodern World Seminar Series (invited)

Institute of Historical Research, London 2025

Annual Cliometric Conference

American University, Washington D.C. 2024

Urban Economics Association Summer School

Geneva Graduate Institute & University of Geneva 2024

Spatial Economics Research Seminar

Berlin School of Economics 2024

Royal Economic Society Easter School

University of Bristol 2024

Empirical Investigations in Trade and Investment, EITI

Jakarta, Indonesia (FREIT) 2024

Annual Meeting of the Danish Society for Economic and Social History

Copenhagen Business School 2023

European Economic Association Meeting

Barcelona School of Economics 2023

World Congress of Cliometrics

Trinity College Dublin 2023

Transatlantic Doctoral Conference in Economics

London Business School 2023

Urban Economics Association Conference

Bocconi University 2023

GEP/CEPR Postgraduate Conference

University of Nottingham 2023

Urban Economics Association Conference

London School of Economics 2022

Economic and Social History Graduate Seminar

University of Oxford 2022, 2023

Skills

Coding: Proficient in Stata, LaTeX, and ArcGIS

Languages: German (native), English (fluent), French (fluent), Russian (advanced), Italian (advanced), Dutch (advanced)