

JULIUS KOSCHNICK

Department of Economic History, London School of Economics, Houghton Street, London, WC2A 2AE
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EDUCATION:

<p>London School of Economics, London, UK PhD candidate in Economic History Thesis Title: <i>On the Shoulders of Science – Early Science as a Driver of Innovation During the Early Industrial Revolution</i> Supervisors: Prof. Max-Stephan Schulze and Dr. Jeremiah Dittmar</p>	2019-present
<p>Northwestern University, Evanston, USA Visiting scholar, hosted by Prof. Joel Mokyr</p>	Fall 2022
<p>London School of Economics, London, UK MSc Economic History</p>	2018-2019
<p>University Bayreuth, Bayreuth, Germany BA Philosophy & Economics</p>	2013-2017
<p>Columbia University, New York, USA Visiting Student Program</p>	Fall 2015

REFERENCES:

<p>Professor Max Schulze Department of Economic History London School of Economics m.s.schulze@lse.ac.uk</p>	<p>Dr. Jeremiah Dittmar Department of Economics London School of Economics j.e.dittmar@lse.ac.uk</p>	<p>Professor Erik Hornung Department of Economics University of Cologne hornung@wiso.uni-koeln.de</p>
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JOB MARKET PAPER:

“Teacher-directed scientific change: The case of the English Scientific Revolution”

Abstract: While economic factors in directed technical and scientific change have been widely studied, the role of teacher-directed scientific change has received less attention. This paper studies teacher-directed scientific change for one of the largest changes in the direction of research, the Scientific Revolution. Specifically, the paper considers the case of the English Scientific Revolution at the English universities of Oxford and Cambridge. It argues that exposure to different teachers shaped students' direction of research and can partly account for the successful trajectory of English science. For this, the paper introduces a novel dataset on the universe of all 111,242 students at English universities in the seventeenth and early eighteenth century and matches them to their publications. Using machine learning, the paper is able to quantify personal interest in different research topics. To derive causal estimates of teacher-student effects, the paper exploits a natural experiment based on the expulsion of fellows following the English Civil War and uses an instrumental variable design that predicts students' choice of college based on their home regions. The paper finds strong empirical evidence of teacher-directed change in the English Scientific Revolution. These results illustrate how teacher-directed change can contribute to paradigm change.

WORKING PAPERS:

Flow of Ideas: Economic Societies and the Rise of Useful Knowledge (with Francesco Cinnirella and Erik Hornung)
[R&R at the Economic Journal](#)
 CEPR Discussion Paper [No. 17442](#), CESifo Working Paper [No. 9836](#), ECONtribute Discussion Paper [No. 175](#), [Policy Column at VOX EU](#)

RESEARCH IN PROGRESS:

“Did a feedback mechanism between propositional and prescriptive knowledge create modern growth?”

“Attracting Science: Technical Change and Upper-Tail Human Capital during the Early English Industrial Revolution”

“Becoming an Inventor: The Social, Occupational, and Knowledge Background of Early English Patentees”

“Reading, Writing, and Wrenches — The Contribution of Human Capital to the First Industrial Revolution: A Reassessment” (with Alexandra de Pleijt and Patrick Wallis)

TEACHING EXPERIENCE:

Teaching Assistant for “Principles of Economics” 2021/2022
King’s College, School of Politics & Economics

Teaching Assistant for “Statistics for Political Science” Spring term
King’s College, School of Politics & Economics 2022

Teaching Assistant for EH101 “The Internationalisation of Economic Growth” London 2020/2021
School of Economics, Economic History Department

Teaching Assistant for “Academic Writing and Presentations” Spring term
University Bayreuth, for Dr. Czaniera, at the Chair of Philosophy of Science and Ethics 2016, 2017

WORK EXPERIENCE:

Research Assistant for Prof. Hornung Spring 2018
University of Cologne, Center for Macroeconomic Research, Seminar for Economic and Business History

SCHOLARSHIPS AND AWARDS:

Economic and Social Research Council (ESRC) 2019-
Doctoral Centre Studentship present

German National Academic Foundation 2013-2019
Scholarship based on academic merit

Winner of the Hunt Prize 2019
awarded to the candidate with the best marks for the dissertation in the MSc Economic History (Research degree)

Winner of the prize for the best overall performance in the Department of Economic History Master Programmes 2018-19 2019

PRESENTATIONS:

2023:

- RHI seminar, Economic and Environmental History, Wageningen University
- Economic History Society Annual Conference, University of Warwick
- Graduate Economic History Seminar, LSE
- World Cliometrics Conference, Dublin

- European Historical Economics Society Conference, Vienna
- Economics Seminar Series, UC Louvain

2022:

- Graduate Economic History Seminar, LSE
- Economic History Society Annual Conference, Cambridge, poster presentation
- European Historical Economics Society Conference, Groningen
- World Economic History Congress, Paris, poster presentation
- 4th Monash-Warwick-Zurich Text-as-Data Workshop
- Economic History Lunch Seminar, Northwestern

2021:

- Virtual Zurich FRESH Meeting
- IV. Congress for Economic and Social History, Vienna
- Warwick FRESH Summer School
- ASE economic history workshop, Rome
- Internal research seminar on Economic History, Mannheim University
- Internal research seminar on Economic History, Humboldt University Berlin

2020:

- ASREC 24h online conference

REFEREEING:

German Economic Review

TECHNICAL SKILLS:

- *Statistical Software:* Stata, R, Python
- *GIS Software:* ArcGIS
- *Programming:* Python, Java, Javascript
- *Languages:* German (native speaker), English, Latin (German "Latinum")