

Clemens Jarnach

Green Templeton College
University of Oxford
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RESEARCH EXPERTISE & INTERESTS

Substantive

Political Sociology, Comparative Politics, Climate and Environmental Governance, Sustainability Transitions, Information Systems, Technology and Society, Democracy and Technological Change, AI, Public Opinion, Social Networks, ESG and Impact Measurement, Public Policy

Methodological

Data Science and Statistical Modelling, Causal Inference and Counterfactual Analysis, Systems and Network Modelling, Spatial and Hierarchical (Multilevel) Analysis, Computational Social Science, Econometrics, Machine Learning and Natural Language Processing, Experimental and Quasi-Experimental Methods, Survey and Longitudinal Research Design

RESEARCH EXPERIENCE—ACADEMIC

DPhil Research

2019-2025

Department of Sociology, University of Oxford

- Investigated the dynamics of political news consumption and identity formation through the lens of complex information systems; analysing how supply, demand and media type shape political behaviour, identity and public opinion.
- Developed and applied advanced quantitative and causal inference methods, including quasi-experimental designs with longitudinal survey data, to analyse the structure and behavioural consequences of information ecosystems and media effects.
- Gained expertise in a broad range of advanced statistical, econometric, machine learning, and network analysis methods.
- Contributed to scholarship on media effects, democracy, political communication, polarization, electoral behaviour, political attitudes, and social identity.

Research Assistant

2022-2023

Saïd Business School, University of Oxford

- Research Assistant to Associate Professor Jason Bell
- Explored, described, and modelled power law distributions within units across time
- Identified appropriate mathematical and statistical tools for treating power law time series

RESEARCH EXPERIENCE—PROFESSIONAL

Senior Consultant and Research Analyst at Intaconnected Ltd

2023-Present

Intaconnected Ltd

- Lead data-driven research on sustainability, ESG, stakeholder engagement, impact, and systems transformation.
- Apply data science methods to inform sustainable business strategies, transformations, and policy design.
- Conduct policy and impact evaluations on climate resilience, social equity, and sustainability transitions for philanthropic, public, and private-sector clients.

- Develop analytical frameworks, indicators for monitoring and modelling ESG performance and assessing nature-positive and net-zero initiatives.

Data Scientist & Consultant at Giving Evidence

2024-Present

Giving Evidence

- Conducting research and statistical analysis to improve evidence-based charitable giving
- Commissioned research projects, producing policy-focused reports for foundations and charities and the government

EDUCATION

University of Oxford

2019 – 2025

DPhil (PhD) in Sociology

Oxford, UK

Thesis Title: News, Media, and Brexit: The Effects of News Consumption on Voting Behaviour and Identity Formation in British Politics.

Supervisor: Professor Stephen Fisher, DPhil

University of Oxford

2017 – 2018

M.Sc. in Sociology (Distinction)

Oxford, UK

Thesis Title: Should We Worry About Echo Chambers Increasing Political Segregation? A social network analysis approach to investigating echo chambers.

Supervisor: Paula Sheppard, PhD

Core Courses: Advanced Quantitative Methods, Qualitative Methods, Research Design, Statistics, On-line Social Networks.

Bayes Business School, City, University of London

2014 –2017

B.Sc. Business with Finance (Hons) (Distinction)

London, UK

Thesis Title: Share Price Movements Associated with FTSE 100 Index Revisions

Supervisor: Sotiris Staikouras, PhD

AWARDS & SCHOLARSHIPS

ESRC Doctoral Studentship

2018-2025

ESRC Grand Union DTP Advanced Quantitative Methods Studentship

c. £108,000

Graduate Research Support Funding

2024

University of Oxford, Department of Sociology, Graduate Research Support Funding

£2,000

GTC Financial Assistance Funding

2024

Green Templeton College, Graduate Student Support Fund

£1,250

ESRC DTP Placement Support Scheme

2023

Placement Award for Graduate Research Project with NASA/Capitol

£4,000

Bayes Business School, Scholarship

2015-2017

Cass Scholarship

Fees covered

PUBLICATIONS

Under Peer Review

1. Jarnach, C., 'Media made me do it?! Assessing the Effect of Various News Sources on Brexit Voting', (*Under peer review at Political Behavior*)
2. Jarnach, C., 'Forming Brexit Identities: The Impact of News Media on Political Identity Change', (*Under peer review at British Journal of Political Science*)

In Progress

1. Jarnach, C. ‘Beyond Polarity: Paucity, Promiscuity, and Public Service in Online News Consumption in the Brexit Campaign’. (*Available on request*).
2. Jarnach, C., ‘Political Chatter: Investigating Effects of Interpersonal Influence and Mass Media on Brexit Identity Strength’. (*Available on request*).

Published

1. Fiennes, C., & Jarnach, C. (2025). Prince Andrew’s charity patronages: analysis of the effects on the charities. Giving Evidence; Oxford University Research Archive. ([View online](#)).

SELECTED PRESENTATIONS

1. “The Role of News Media in Shaping Voter Decisions: A Study of the 2016 Brexit Referendum in the UK”, Speaker, WAPOR – 76th WAPOR – “Public Opinion Research in a Technology-Driven World”, annual conference September 19-22, Paris Lodron University of Salzburg (2023)
2. “How Polarised is Online News Consumption?”, Poster Presentation, ESRC Grand Union DTP Annual Conference 2022: “Reimagining Social Science” at St Anne’s College, University of Oxford (2022)
3. “Examining Whether Leavers and Remainers Read the Same News in the Brexit Referendum Campaign”, Speaker, Euro CSS – 3rd European Symposium on Societal Challenges in Computational Social Sciences – #eurocss 2019, “Polarization and Radicalization”, ETH Zürich (2019)
4. “Investigating Online Media Consumption for Signs of Political Polarisation in the Context of Brexit”, Speaker – CRASSH – “Rethinking Repetition in a Digital Age” Symposium, University of Cambridge, Centre for Research in the Arts, Social Sciences and Humanities (2019)
5. “Polarisation of Online Media Consumption”, Poster Presentation, University of Oxford, Social Sciences Division Welcome and Induction event for new DPhil students (2019)

TEACHING EXPERIENCE

Tutor/Instructor **2021–Present**
Sociological Theory, Undergraduates, Balliol College, Brasenose College, Jesus College, St Anne’s College, St Catherine’s College, St Hugh’s College, Somerville College

Tutor/Instructor **2021–Present**
Political Sociology, Undergraduates, Exeter College, St Catherine’s College

Lecturer/Tutor **2025**
Political Sociology (SOCI 3460), Undergraduates, University of Georgia (UGA) at Oxford Program

Tutor **2023**
Radical Social Theory, Undergraduates, St Catherine’s College

Guest Lecturer **2023**
Public Opinion & Political Engagement, Utah Valley University (UVU) Civic Thought and Leadership Summer School

ADDITIONAL PROFESSIONAL EXPERIENCE

Student Ambassador at Green Templeton College, University of Oxford **2024 – 2025**

- Represented the student body as a key liaison, fostering communication and collaboration between students and the College administration.

- Guided incoming students, provided essential support during their transition to college life, and acted as a bridge between students and the college office team.

Freelance Work: as data scientist and technical writer

2023 – 2025

- Data scientist providing evidence-based insights and analyses to inform decision-making and drive strategic initiatives and policies.
- Technical writer for publications, corporations, and blogs, including Better Programming, Towards AI, and Level Up Coding. My articles cover topics such as data science, computational social science, artificial intelligence, statistical analysis, and programming in R and Python.

Graduate Student Researcher and Project Manager, Oxford Summer Research Project supervised by NASA

2023

- Led a team of graduate students as Project Manager and Team Lead in a research initiative supervised by NASA, focusing on deep space exploration.
- Developed and presented architecture design and research objectives for a future mission to Venus.
- Demonstrated expertise in interdisciplinary research, combining engineering, astrophysics, and mission planning to address complex challenges in space exploration.

Manuscript reviewer for PLOS One Journal

2022-Present

SELECTED ADDITIONAL TRAINING

- “Preparation for Learning and Teaching at Oxford”, University of Oxford, (Michaelmas Term, 2021)
- “Databases: Concepts of database design (Access, MySQL)”, Oxford IT Learning centre (2021)
- “R: Hands-on with using R for data analysis”, Oxford Learning Centre (2021)
- “SICSS – Oxford 2019”, The Summer Institutes in Computational Social Science (2019)
- “Research Skills Toolkit for Social Sciences Division”, Oxford IT Learning centre (2019)

TECHNICAL SKILLS

- R, Python, Stata, SQL, Git, LaTeX, Data Visualisation

LANGUAGES

- English (fluent)
- German (native)

REFERENCES - ACADEMIC

Prof Dr Stephen Fisher

Professor of Political Sociology
University of Oxford
Department of Sociology
42-43 Park End Street
Oxford, OX1 1JD
stephen.fisher@sociology.ox.ac.uk

Prof Dr Michael Biggs

Associate Professor in Sociology
University of Oxford
Department of Sociology
42-43 Park End Street
Oxford, OX1 1JD
michael.biggs@sociology.ox.ac.uk

REFERENCES – PROFESSIONAL

Caty Batten

Co-founder & CEO

Intaconnected

caty@intaconnected.org

Caroline Fiennes

Founder & CEO

Giving Evidence

caroline.fiennes@giving-evidence.com

Updated: October 28, 2025