

David (Yen-Chieh) Liao

Postdoctoral Researcher

School of Politics and International Relations at University College Dublin

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CURRENT POSITION

Postdoctoral Researcher at **Text and Policy Research Group** in University College Dublin Aug 2023 – present
Visiting Fellow at the Chair of Comparative Politics in the Bamberg Graduate School of Social Sciences Apr 2023 – present

WORKING EXPERIENCE

Postdoctoral Researcher at Department of Global Studies, Aarhus University Dec 2022 – June 2023
Predoctoral Researcher at the Chair of Comparative Politics, University of Bamberg Dec 2021 – Dec 2022
Senior Research Officer at the Department of Government, University of Essex Jun 2019 – Oct 2019
Senior Research Assistant at Institute of Political Science, Academia Sinica Feb 2014 – Jul 2017

EDUCATION

PhD in Politics (Integrated PhD), University of Essex Oct 2017 – Jan 4 2023
MA in Public Administration and Policy, National Taipei University Sept 2010 – Feb 2014
BA in Public Administration and Policy, National Taipei University Jun 2005 – Aug 2010

TEACHING (*: TA)

2023 Big Data and Computation for Social Data Science *GESIS Fall Seminar in Computational Social Science* (Co-lecturing with Dr. Akitaka Matsuo)
2022 Quantitative Text Analysis* & Introduction to Programming in Python for Social Scientists* 55th *ESSEX SUMMER SCHOLL(ESS)*
2021 Introduction to Quantitative Methods in R*, 54th *ESS* | Quantitative Text Analysis Using R and Linking Theory with Text as Data*, *EITM Europe Summer Institute*
2020 Machine Learning with Big Data for Social Scientists* *ECPR Summer School* | Introduction to Quantitative Text Analysis* 53rd *ESS*
2019 Introduction to Quantitative Text Analysis* 52nd *ESS*

ACADEMIC TRAINING

2023 Oxford Large Language Models for Social Science Workshop
2023 Advanced Survey Data Analysis and Survey Experiments 57th *ESS*
2022 Introduction to Social Network Analysis 56th *ESS*
2021 Advanced Methods for Text-as-Data: Natural Language Processing & Quantitative Methods for Causal Inference and Policy Evaluation 55th *ESS* | Standard Training Programme 2021 *Machine Learning Summer School*
2019 Introduction to Bayesian Analysis for the Social Sciences 54th *ESS*
2018 Ideal Point Estimation and Scaling Methods; Generalized Linear Models 53rd *ESS*

PUBLICATION

The Role of Rituals in Adversarial Parliaments: An Analysis of Expressions of Collegiality in the British House of Commons *Historical Social Research* 48 (3): 209-234 with David Beck and Thomas Saalfeld (*Invited Submission to Special Issue – The Emergence and Effects of Non-hierarchical Collective Agency*)

WORKING PAPERS

- (Mis)perception of Party-voter Congruence and Satisfaction with Democracy (with Li Tang and Royce Carroll *R&R at PSRM*)
- Electoral Reform and Fragmented Polarization: New Evidence from Taiwan Legislative Roll Calls (*R&R at LSQ*)
- Electoral Reform and Pork Barrel in Parliamentary Questions
- Electoral Rules and Party Convergence on Issue Attentions (with Yu-Ceng Liao, NCCU ; Yi-ting Wang, NCCU)

WORKS IN PROGRESS

- Party Competition in Times of Crisis (with Thomas Saalfeld and David Beck)
- Catalysts for Change? Mapping Policy Recommendations in Academic Publications on Climate Change and Net Zero Energy Systems (with Brian Boyle, Newcastle ; Stefan Müller, UCD)
- Shock Rhetoric: Local Exposure to Trade Shocks and Rhetorical Extremism in the US House of Representatives (Zikai Li, Uni. of Chicago)

CONFRENCEN PRESENTATION (*: DISCUSSANT ; +:POSTER)

- 2018 EPSA
- 2019 EPSA | APSA | AsianPolMeth
- 2021 EPSA | MLSS⁺
- 2022 APSA | ECPR | PolMeth⁺ | COMPTTEXT
- 2023 SPSA | EPSA | APSA* | ECPR SG Parliaments

SKILLS

Programming: R, Python | **Database:** SQL, MongoDB | **HPC Systems:** SLURM, PBS

Packages

- [flair](#): An R Wrapper for Accessing Flair NLP
- [legisTaiwan](#): An R Package for Accessing Real-Time Taiwan Legislative Data
- [asmcjr](#) : An R Package for Supporting the Book ‘Analyzing Spatial Models of Choice and Judgment, 2nd Edition’ and Streamlining Estimation Scaling and Visualization with ggplot2 (with Dave Armstrong, Royce Carroll, Christopher Hare, Ryan Bakker, Keith Poole, Howard Rosenthal)

RESEARCH GRANTS & FUNDING

- 2022 University of Essex Departmental Fund (£900) and Travel Grant from Taiwan’s Council of Indigenous Peoples for attending 2022 MPSA Conference (USD\$678)
- 2019 University of Essex Departmental Fund (£450) and Travel Grant from Taiwan’s Council of Indigenous Peoples (USD\$630) for attending 2019 EPSA Conference
- 2018 Attendance Scholarships (£250) to Essex Summer School in Social Science Data Analysis
- 2021—2022 Ministry of Science and Technology Taiwanese Overseas Pioneers Grants (Aug 2021 - Jul 2022), USD\$32,000
- 2017—2021 The Government Doctoral Scholarship in Legislative Studies and Comparative Politics, Ministry of Education Taiwan (Aug 2017- Jul 2021), USD\$168,000

REFERENCE

- [Dr Royce Carroll](#): Professor in Comparative Politics, University of Essex
- [Dr Thomas Saalfeld](#): Professor of Chair of Comparative Politics, University of Bamberg
- [Dr Nicole Baerg](#): Senior Lecturer at Department of Government, University of Essex
- [Dr Pei Kuang](#): Associate Professor in Macroeconomics, University of Birmingham