

David (Yen-Chieh) Liao

Postdoctoral Researcher

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CURRENT POSITION

Postdoctoral Researcher at **Text and Policy Research Group** in University College Dublin Aug 2023 – present

WORKING EXPERIENCE

Postdoctoral Researcher at Department of Global Studies, Aarhus University	Dec 2022 – June 2023
Predocctoral 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	Sep 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*

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*)

REVISION & RESUBMISSION

(Mis)perception of Party-voter Congruence and Satisfaction with Democracy (with Li Tang and Royce Carroll *R&R at Political Science Research and Methods*)

Electoral Reform and Fragmented Polarization: New Evidence from Taiwan Legislative Roll Calls (*R&R at Legislative Studies Quarterly*)

SELECTED IN-PROGRESS

Multilingual Stance Detection in Political Speech: Interpretation, Applications, and Limitations (with Stefan Müller)

Catalysts for Change? Mapping Policy Recommendations in Academic Publications on Climate Change and Net Zero Energy Systems (with Brian Boyle, University of Newcastle ; Stefan Müller, UCD)

Shock Rhetoric: Local Exposure to Trade Shocks and Rhetorical Extremism in the US House of Representatives (Zikai Li, University of Chicago)

Grandstanding under the Spotlight: Unveiling European Elites Crisis Communication in the Council of the European Union (with Paula Montano)

Electoral Rules and Legislative Positions with Topic (In)variability (with Yu-Ceng Liao, NCCU ; Yi-ting Wang, NCKU)

Political Preferences for Pork Barrel Messages under Different Electoral Systems

Party Competition in Times of Crisis (with Thomas Saalfeld and David Beck, University of Bamberg)

TECH SKILLS

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

PACAKGES

[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)

ACADEMIC TRAINING

2023 Oxford Large Language Models for Social Science Workshop | Advanced Survey Data Analysis and Survey Experiments 57thESS

2022 Introduction to Social Network Analysis 56thESS

2021 Advanced Methods for Text-as-Data: Natural Language Processing & Quantitative Methods for Causal Inference and Policy Evaluation 55thESS | Standard Training Programme 2021 *Machine Learning Summer School*

2019 Introduction to Bayesian Analysis for the Social Sciences 54thESS

2018 Ideal Point Estimation and Scaling Methods; Generalized Linear Models 53rdESS

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