

# 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

## 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   |

## 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)

## REVISE & RESUBMIT

(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)

Shaping Policy Agendas: The Influence of Electoral Systems on Party Convergence and Divergence in Issue Attentions (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)

## 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\* 55<sup>th</sup> ESSEX SUMMER SCHOLL(ESS)

**2021** Introduction to Quantitative Methods in R\*, 54<sup>th</sup> 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\* 53<sup>rd</sup> ESS

**2019** Introduction to Quantitative Text Analysis\* 52<sup>nd</sup> ESS

## 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 57<sup>th</sup> ESS

**2022** Introduction to Social Network Analysis 56<sup>th</sup> ESS

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

**2019** Introduction to Bayesian Analysis for the Social Sciences 54<sup>th</sup> ESS

**2018** Ideal Point Estimation and Scaling Methods; Generalized Linear Models 53<sup>rd</sup> ESS

## 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