David, Yen-Chieh Liao

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RESEARCH INTERESTS

quantitative methodology in the measurement of preferecne, natural language processing, computational social science

EDUCATION

PhD in Politics, University of Essex	Oct 2017 – Dec 2022 (Expected)

Thesis Title: *Electoral Reform, Distributive Politics, and Parties in the Taiwanese Congress (Under Examination)*

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

ACADEMIC TRAINING

2022 Introduction to Social Network Analysis	56rd Essex Summer School
2021 Quantitative Methods for Causal Inference and Policy Evaluation	56rd Essex Summer School
—— Standard Training Programme	*2021 Machine Learning Summer Schools (MLSS)*
—— Advanced Methods for Text-as-Data: Natural Language Processing	55th Essex Summer School
2019 Introduction to Bayesian Analysis for the Social Sciences	54th Essex Summer School
2018 Ideal Point Estimation and Scaling Methods	53rd Essex Summer School
—— Generalized Linear Models	53rd Essex Summer School

WORKING PAPERS & IN PROGRESS

Factionalism and the Red Guards under Mao's China: Ideal Point Estimation Using Text Data (with Yi-Nung Tsai, National Chengchi University; Daniel Tene, University of Essex; Dechun Zhang, Leiden University) [paper]

Party Misperception, Party Incongruence and Political Distrust (with Li Tang and Royce Carroll)[paper]

Estimating Politically Expressive Preference with Context-Aware Named Entities (with Thomas Saalfeld and David Beck, University of Bamberg)

Creating and Reproducing Collective Agency through Rituals in the British House of Commons, 1990-2019: A Text-Based Approach to Conceptualisation and Measurement (with Thomas Saalfeld and David Beck)

Measuring Party Cohesion on Parliamentary Question Keywords (co-authored with Calvin, Yu-Ceng Liao, Post Doctoral Research Fellow at Taiwan Studies Center, National Chengchi University)

Topic Models for Political Short Texts: An Application, Validation and Compromises (with Julia Ju Yuon Park, University of Essex)

EXPERIENCE

Teaching Assistant

2022 Quantitative Text Analysis	55th Essex Summer School
—— Introduction to Programming in Python for Social Scientists	55th Essex Summer School
2021 Introduction to Quantitative Methods in R	54th Essex Summer School, Jul 2021

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—— Quantitative Text Analysis Using R and Linking Theory with Text as Data   University of Mannheim |
EITM Europe Summer Institute

2020 Machine Learning with Big Data for Social Scientists 15th ECPR Summer School

—— Introduction to Quantitative Text Analysis 53rd Essex Summer School

2019 Introduction to Quantitative Text Analysis 52nd Essex Summer School

Research Assistant

Predoctoral Researcher of Legislators between Accountability and Collective Agency (LACAN) at the Chair of Comparative Politics, University of Bamberg   Dec 2021-Dec 2022

Research Officer of Explaining Elite Polarisation in European Parliaments (British Academy) at Department of Government, University of Essex   Jun 2019 – Oct 2019

Senior Research Assistant at Institute of Political Science, Academia Sinica   Feb 2014 – Jul 2017

RESEARCH GRANTS

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 Scholarship to Study the Doctoral Programme in Legislative Studies and Comparative Politics, Ministry of Education Taiwan (Aug 2017- Jul 2021), USD$168,000

REFERENCE

Prof. Dr Royce Carroll Professor in Department of Government, the University of Essex and Director of Essex Summer School in Social Science Data Analysis

Prof. Dr Thomas Saalfeld Professor in at Chair of Comparative Politics in University of Bamberg, Germany

Dr Nicole Baerg Senior Researcher at the Bank of England and Senior Lecturer (Associate Professor) in Department of Government, University of Essex

Dr Pei Kuang Associate Professor in Macroeconomics, University of Birmingham