

# Zachary P Dickson, PhD

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## ACADEMIC APPOINTMENTS

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### **Fellow in Quantitative Methodology**

*London School of Economics and Political Science*  
Department of Methodology

London, UK  
*April 2024–Current*

### **Postdoctoral Research Fellow**

*London School of Economics and Political Science*  
Department of Government

London, UK  
*Nov. 2022–March 2024*

## ACADEMIC AFFILIATIONS

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### **Data Science Institute (LSE)**

*Research Affiliate*

London, UK  
*Nov. 2022–Current*

## EDUCATION

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### **University of Glasgow**

*PhD, Politics*

Glasgow, UK  
*2020–2024*

- Thesis: Social Identity, Group Representation, and Unequal Responsiveness in the US and UK
- Supervised by: Sergiu Gherghina and Sergi Pardos-Prado

### **University of Edinburgh**

*MSc, International Relations*

Edinburgh, UK  
*2018–2019*

- Dissertation: The Ideology of Meritocracy in Western Immigration Discourse

### **Northeastern Illinois University**

*BA, Political Science*

Chicago, US  
*2013–2018*

- GPA: 3.79/4.0

## RESEARCH

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### **Elite Cues and Non-Compliance**

*with Sara B. Hobolt (Forthcoming – American Political Science Review)*

### **Going against the Grain: Climate Change as a Wedge Issue for the Radical Right**

*with Sara B. Hobolt (Forthcoming – Comparative Political Studies)*

### **Elite Responsiveness to Policy Shocks: Insights from COVID-19 Infection among US Congressmembers**

*with T. Murat Yildirim (Political Communication)*

### **The Gender Gap in Elite-Voter Responsiveness Online**

*(Forthcoming – Perspectives on Politics)*

## TEACHING EXPERIENCE

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### University of Glasgow

*Teaching Assistant*

Glasgow, UK

2020–2022

- Comparative Politics
- Introduction to Politics (x2)

### University of Strathclyde

*Teaching Assistant*

Glasgow, UK

2021–2022

- Machine Learning for Data Analytics
- Quantitative Methods 2: Statistics & Analysis
- Politics: Decision Making & Outcomes
- Quantitative Methods 1: Statistics & Analysis

## RESEARCH EXPERIENCE

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### London School of Economics

*Research Assistant for Sara B. Hobolt & James Tilley*

London, UK

2023–2024

- NLP & Data Visualization

### Comparative Candidates Study

*Research Assistant for Wolfgang Rudig*

Glasgow, UK

August 2021 – October 2021

- Created a dynamic measure of ideology using legislators' tweets and probabilistic classification with BERT word embeddings

## INDUSTRY EXPERIENCE (NON-ACADEMIC)

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### AT&T, Inc.

*Workforce Analyst*

Chicago, Illinois, US

2015–2018

- Implemented Six Sigma, Lean, and Agile methodologies for process improvement, project optimization, and workforce forecasting
- Developed workflow changes, operational guidelines, problem assessments and root cause analysis

### AT&T, Inc.

*Customer Service Intern*

Chicago, Illinois, US

2013–2015

- Performed tech support, troubleshooting and problem resolution at inbound customer care center
- Managed onboarding and training processes for new hires – including both technical and soft-skills training workflows and manuals

## TECHNICAL SKILLS

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**Programming Languages:** Python, Julia, R, SQL, Git, Latex, Markdown

**Statistics:** Bayesian & Frequentist Inference; Time-series and panel data analysis

**Causal Inference:** in observational and experimental settings – Matching, RD, IV, DiD

**Data Science:** NLP (Word2Vec, LDA, Transformers), Machine learning (Tensorflow, scikit-learn, XGBoost)

**Large Language Models:** [Hugging Face](#)

## CONFERENCE PRESENTATIONS

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**Midwest Political Science Association – Annual Conference:** 2022, 2023

**European Consortium for Political Research – Joint Sessions Workshop:** 2022

**American Political Science Association – Annual Conference:** 2022

**European Consortium for Political Research – General Conference:** 2022

**European Political Science Association – General Conference:** 2023, 2024

**European Consortium for Political Research – Standing Group on Parliaments:** 2023

**PolMeth Europe:** 2022, 2023

**Political Studies Association – Standing Group on Parliaments:** 2023

## INVITED LECTURES & PRESENTATIONS

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**LSE Political Behaviour Seminar** (*April 2023*)

**Data Science Institute Research Showcase** (*November 2023*)

**Machine Learning Methods for Social Scientists** (*December 2023*)

**Large Language Models in Political Science** (*March 2024*)

## SEMINARS/WORKSHOP ORGANIZATION

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**2023-2024 LSE Political Behaviour Work-in-Progress Seminar** (*co-organizer*)