

Simon Heuberger

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Education

PH.D., **Political Science**. American University, Washington, D.C., 2020 (expected)

Fields: American Politics, Quantitative Methods, Comparative Politics

Dissertation: “What The People Think: Advances in Public Opinion Measurement Using Modern Statistical Methods”

Dissertation Chair: Jeff Gill

M.A., **Social and Political Thought**, *magna cum laude*. University of Warwick, Coventry, UK, 2014

Dissertation: “Fighting ‘Socialism’: The Koch Brothers, the Tea Party, and Obamacare” (15,000 words), *magna cum laude*

MAGISTER, **English Linguistics, Communication, Business**. University of Munich, Germany, 2011

Dissertation: “From Candidate to President: The Use of Metaphors and Pronouns in Speeches by Barack Obama” (40,000 words), *magna cum laude*

Interests

Political Methodology (Surveys, Experiments, Randomization, Causal Inference, Bayesian), Public Opinion, Political Behavior, Political Communication

Publications

2019. “Insufficiencies in Data Material: A Replication Analysis of Muchlinski, Siroky, He and Kocher (2016)”. *Political Analysis* 27 (1), 114-118 ([Paper](#)).

“Bayesian Modeling and Inference: A Postmodern Perspective” with Jeff Gill. In Luigi Curini and Robert J. Franzese, Jr. (editors), *Handbook of Research Methods in Political Science & International Relations*. SAGE, *forthcoming* ([Paper](#)).

Data Analysis

Software

Eagledown: R Package to Write a PhD Thesis at American University in R Markdown ([GitHub](#))

GLMpack: R Package to Accompany *Generalized Linear Models: A Unified Approach* (2nd ed.) by Jeff Gill and Michelle Torres ([CRAN](#))

BlockExperiments: R Package to Apply Sequential Blocking on Ordinal Variables (*in development*)

Python, SQL, AWS, Docker, GitHub, L^AT_EX, Qualtrics, Stata, SPSS

Statistics

Generalized Linear (OLS, MLE, Logit, Probit) and Nonlinear Regression, Causal Inference

Experimental Survey Analysis and Methodological Design

Bayesian, Prediction, Probability, Uncertainty, Instrumental/Proxy Variables

Sampling, Clustering, Matching, Visualization

Content Analysis, Web Analytics (Scraping, Text LDA Models)

Research Experience

Editorial Assistant 2017-Present

Political Analysis Journal (Jeff Gill, R. Michael Alvarez, Jonathan Katz)

Data Replication of Journal Submissions
Code Debugging and Quality Control in R, Python, Stata
Dataverse Organizational Management

Research Assistant 2015-Present

American University (Matthew Wright, Ryan T. Moore, Jeff Gill)

Strength and Effectiveness of Framing Measures in Political Behavior
Immigration as a Focal Aspect of the 2016 Presidential Race
List Experiments on Social Desirability Bias
Development of Aptitude Tests for Data Scientist Positions at The Lab @ DC
Enhancement of R Package `blockTools`
Establishment of American University Center for Data Science Dataverse ([Dataverse](#))
MCMC Dynamics Measuring State Ideology with Spatial Variance Co-Matrices

Research Fellow 2013

British American Security Information Council, London, Washington

Nuclear Disarmament in the UK and Middle East
Contributor to the BASIC UK Trident Commission Report ([Paper](#))
Coverage of 2013 Egyptian Protests and Military Intervention

Research Assistant 2012-2014

University of Warwick, University of Cambridge (Eric Jensen)

Political Economy of Current Face-to-Face Public Dialogue Practices in Sciencewise
Role of Social Media in Public Dialogue

Teaching Experience

Adjunct Instructor

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| Political Action and Public Policy (Online, Syllabus) | Summer 2019 |
| Politics in the U.S. (Online, Syllabus) | Summer 2019 |
| Introduction to Political Research (R) (2018 Syllabus , Evaluations) | Fall 2018 |

Teaching Assistant

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| Institute for Data Science (R, Python, JS, SQL), Ryan T. Moore (Syllabus) | Winter 2019/20 |
| Bayesian Statistics for Social and Biomedical Sciences (R), Jeff Gill (Syllabus) | Fall 2018 |
| Introduction to Political Research (R), Ryan T. Moore (Syllabus , Guide to R) | Spring 2017 |
| Introduction to Political Research (Stata), Jan E. Leighley (Syllabus) | Summer 2016 |

Lecturer in German 2012-2015

University of Warwick

Graduate and Undergraduate Assessments
Beginner, Intermediate and Advanced Courses at Centre for Life-Long Learning

Conference Presentations

AAPOR 2019
APSA 2016, 2018
SPSA 2017, 2018
PolMeth 2017, 2018, 2019
NYU-CESs Experimental Political Science Conference 2018
Minnesota PolMeth Graduate Student Conference 2018
MPSA 2018

Working Papers

Political Methodology

“Enhancing Precision in Survey Experiments: A New Method to Use Ordinal Variables for Blocking”.

“Standard and Extended Model Comparison Tools: IC Tools and More” with Jeff Gill and Kumail Wasif.

“Building University Thesis Templates with R Markdown”.

American Politics

“Moral Arguments As A Source Of Frame Strength”.

“Emotional Affect and Partisan Polarization in Presidential Elections 1980-2016: An Ever-Twisting Spiral” with Will Jorgeson.

Awards and Grants

AAPOR Travel Award, 2019

BITSS Scholarship for Research Transparency and Reproducibility Training (RT2), 2018

Office of the Provost Doctoral Student Research Scholarship, 2018

APSA Annual Meeting Travel Grant, 2018

Prestage-Cook Award, SPSA Annual Meeting, 2018

National Science Foundation Grant, Presentation at Society for Political Methodology, 2017, 2019

Graduate Leadership Council Conference Travel Grant, 2017, 2018, 2019

Award from the Vice Provost for Research and Dean of Graduate Studies, “The Impact of

Information and Emotions on Voter Turnout and Civic Engagement,” with Jan E. Leighley, 2016

Department of Government Graduate Research Support, “Framing Methodologies,” 2016

Graduate Assistantship, 2015-2019

German Academic Exchange Service Scholarship for Study Abroad in Australia, 2009

Other

Community Involvement

Rehabilitation of Fear-Aggressive Shelter Dogs

Panel Judge of Undergraduate Project Competitions

Languages

German (*native*)

English (*bilingual proficiency*)

Spanish (*full proficiency*)

French (*full proficiency*)

Arabic (*basic proficiency*)