Zoe Meers

Email: zoe.meers@gmail.com
Website: https://zmeers.github.io
Code: https://github.com/zmeers

WORK EXPERIENCE

Data Visualization Analyst & Research Assistant, United States Studies Centre, University of Sydney (July 2017 – present)

- Conducts statistical research in political science, primarily focusing on creating Bayesian models to analyse public opinion data and voting behavior.
- Creates interactive data visualizations in D3.js, R (ggplot2), and Shiny as well as using novel statistical methodologies – social network analysis, Bayesian IRT models – for public policy reports.
- Writes reports summarising media metrics and internal data analyses for the CEO and COO.
- Works on open source data visualization software in R. I am one of the authors of ggparliament, a package in R for visualizing legislatures and election results, and readabs, a package for reading Excel files from the Australian Bureau of Statistics. Both R packages are available on CRAN; a research note for ggparliament is available in the *Journal of Statistical Software*.
- Built and maintains the Centre's GitHub webpage, an internal R package for visualizing data, and data repositories. Works on the automation of data collection and analysis using APIs, AWS, Make files, and scripting data scrapers.

Research Assistant, Australian Cooperative Election Survey, University of Sydney (March 2018 – October 2018)

- Helped run the largest election survey in Australian history (approximately 10,000 respondents).
- Cleaned survey data in R; ran cross-tabulations and multivariate analyses for academic research.

Research Assistant, Australian Women's Working Futures project, University of Sydney (March 2018 – June 2019)

- Co-authored a peer-reviewed academic paper, published in the *Journal of Sociology*, on young women and their current and future perception of the importance of job security.

Google News Lab Fellow at Google and ABC News Story Lab (January 2018 – March 2018)

- Wrote data-driven articles for the ABC News Story Lab at the Australian Broadcasting Commission.
- Ran workshops on using R in the newsroom.

EDUCATION

University of Sydney, Australia: **Graduate Certificate in Biostatistics** (expected May 2020)

Smith College in MA, USA: **BA in Government and Statistics and Data Sciences** (May 2017)

LEADERSHIP, AWARDS AND SKILLS

Named in 50 women to follow in computational social science by *SAGE Ocean*

Programming languages and computer skills: R (Tidyverse, Shiny, Stan, base R), SQL, Python, AWS, HTML, CSS, React.js, D3.js