

Daniel McCormack, PhD

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About Me Award-winning research scientist. I answer questions using data, math, and research design.

Education

2009 - 2015, University of Texas at Austin

PhD in Political Science

University of Texas 2016 Outstanding Dissertation Award

- Awarded to the top dissertation in the schools of Social Science, Business, or Education filed in academic year 2015.

2005-2009, Oklahoma Christian University

BA in Political Science, *summa cum laude*

Skills

- Trained in conceptualization and measurement, data visualization, and probability theory.
- Proficient in regression and discrete choice analysis, event count and hierarchical models, factor analysis, causal mediation, and mathematical models of strategic interaction.
- Able to explain complicated analytical problems in easy-to-understand language.
- Practiced user of R, Stata, SQL, Tableau, \LaTeX , Qualtrics, and Microsoft Office.

Experience

June 2017 - present, Manager, North American Financial Services, Gerson Lehrman Group

- Interface with clients to collaboratively define scope of research projects
- Design and program surveys to elicit high quality responses
- Clean and evaluate data

January 2017 - present, Research Consultant, McCormack Data Consulting

- Design and execute proposals for data analysis
- Predict outcomes using a variety of statistical methods
- Evaluate model fit and conduct sensitivity analysis
- Provide clients with top-line reports and dashboards

July 2015 - July 2017, Postdoctoral Fellow, University of Pennsylvania

- Completed book manuscript and several original research articles
- Presented research at national and international conferences
- Served as reviewer for multiple academic journals
- Developed and taught original course on political organization

August 2014 - December 2014, Analytics Team Lead, Innovations for Peace and Development Lab

- Led team in coding geospatial distribution of foreign aid from World Bank project reports
- Instructed team in appropriate use of statistical software
- Cleaned data for use with existing off-the-shelf datasets