

Andrew K. Green

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EDUCATION

- 2021** **Georgetown University, McCourt School of Public Policy**
Master of Science in Data Science for Public Policy (MS-DSPP)
- 2014** **University of Michigan, Stephen M. Ross School of Business**
Bachelor of Business Administration (BBA)

RESEARCH EXPERIENCE

- 2021 – Present** **Urban Institute**
Research Analyst
- My work focuses primarily on applications of the Health Insurance Policy Simulation Model (HIPSM), a microsimulation model used to estimate the effects of various reforms on health insurance coverage and costs. In addition to developing and using HIPSM, I create data visualizations, analyze administrative and survey data, and write and edit various publications.
- 2020 – 2021** **Massive Data Institute, Georgetown University**
Graduate Research Assistant
- Analyzed the ideology of 2020 congressional election candidates using text data from candidates' websites and Twitter accounts. This involved using web scraping techniques to collect the text data, natural language processing methods to prepare the data for analysis, cosine similarity and other techniques to create measures of ideology, and statistical models to investigate the relationship between ideology and electoral performance.
- 2020** **U.S. Census Bureau**
Civic Digital Fellow – Data Science
- Created a proof-of-concept for an extension of the Census Bureau's County Business Patterns data series, by adding revenue as an additional metric to the existing product. This involved developing outlier detection models, creating imputation algorithms, and analyzing discrepancies between administrative and survey data sources.
- 2019** **Center for Retirement Initiatives, Georgetown University**
Graduate Research Assistant
- Contributed research and writing on various retirement-related policy issues, including auto-portability, state-facilitated retirement savings programs, and lifetime income generation.

ADDITIONAL EXPERIENCE

- 2015 – 2019** **Lidl US**
Promotions Manager → Senior Promotions Manager
- Helped lead the international launch of Lidl's US operations, as a senior manager on the promotions team. I developed and implemented the company's promotional strategy, established my team's cross-functional processes, completed comprehensive financial

planning, and led a team of direct reports through Lidl's initial launch and first two years of operations.

2014 – 2015

Target Corporation

Business Analyst → Senior Business Analyst

- Managed the inventory portfolio for Target's haircare category across the entire chain and online, a \$739M business. I forecasted future demand for promotional events, analyzed inventory allocation relative to sales, and executed the launch of hundreds of new items.

2014

University of Michigan, Stephen M. Ross School of Business

Business Economics Tutor

2013

Target Corporation

Business Analyst Intern

2012

Compass Lexecon

Economic Consulting Intern

PUBLICATIONS

Research Reports and Briefs:

- 2022** ["What If the American Rescue Plan Act Premium Tax Credits Expire? Coverage and Cost Projections for 2023"](#) (with Matthew Buettgens and Jessica Banthin). *Urban Institute*.
- 2022** ["Expanded Coverage and Savings: Effects in Massachusetts of Extending the American Rescue Plan Act's Enhanced Marketplace Subsidies"](#) (with Matthew Buettgens and Jessica Banthin). *Blue Cross Blue Shield of Massachusetts Foundation*.
- 2022** ["Bolstered by Recovery Legislation, the Health Insurance Safety Net Prevented a Rise in Uninsurance between 2019 and 2021"](#) (with Stacey McMorro, Michael Karpman, and Jessica Banthin). *Urban Institute*.
- 2022** ["What Will Happen to Medicaid Enrollees' Health Coverage after the Public Health Emergency? Updated Projections of Medicaid Coverage and Costs"](#) (with Matthew Buettgens). *Urban Institute*.
- 2021** ["What Will Happen to Unprecedented High Medicaid Enrollment after the Public Health Emergency?"](#) (with Matthew Buettgens). *Urban Institute*.
- 2021** ["The Coverage and Cost Effects of Key Health Insurance Reforms Being Considered by Congress"](#) (with Jessica Banthin and Michael Simpson). *Commonwealth Fund*.

Blogs and Data Stories:

- 2020** ["Visualizing COVID-19 Policy Responses and Outcomes by State and Party."](#) *Georgetown Public Policy Review*.
- 2020** ["COVID-19 Cases and Unemployment Claims by State."](#) *Georgetown Public Policy Review*.
- 2020** ["The Growing Divide: Red States vs. Blue States."](#) *Georgetown Public Policy Review*.
- 2020** ["Auto-Portability: What it is, Why it's Needed, and How it Will Strengthen Retirement Security"](#) (with Benjamin Roth and Angela Antonelli). *Center for Retirement Initiatives*.

2020 [“Relationships Between Party Control of State Government and Key Well-Being Metrics.”](#) *Georgetown Public Policy Review*.

TECHNICAL SKILLS

Languages and Platforms:

- Advanced: R, Python, Microsoft Excel, Tableau, Stata
- Basic: AWS, Command Line, Git/GitHub, Hadoop, Spark, SQL, VBA

Skills: Data wrangling, data visualization, machine learning, natural language processing, web scraping, cloud computing, econometrics

COMMUNITY INVOLVEMENT & RECOGNITION

- Mentor for students in Coding it Forward’s Civic Digital Fellowship program (2021)
- Senior Data Visualization Editor for the Georgetown Public Policy Review (2019-2021)
- Recipient of the “Most Outstanding Master of Science in Data Science for Public Policy Student” award from the McCourt School of Public Policy (2021)
- Recipient of the McCourt School of Public Policy Dean’s Scholarship (2020)