Andrew K. Green

EDUCATION

2019 – 2021 **Georgetown University, McCourt School of Public Policy**
Master of Science in Data Science for Public Policy (MS-DSPP)

2010 – 2014 **University of Michigan, Stephen M. Ross School of Business**
Bachelor of Business Administration (BBA)

EXPERIENCE

2022 – Present **BlueLabs**
Analytics Lead

2021 – 2022 **Urban Institute**
Research Analyst
• My work focused primarily on estimating the coverage and cost effects of health insurance reform proposals. Some examples of my research include projecting how Medicaid enrollment will evolve after the COVID-19 public health emergency ends; developing machine learning models to predict churn in Medicaid and Marketplace eligibility; estimating the coverage and cost effects of enhanced Marketplace premium subsidies; and evaluating a policy that would lower the Medicare eligibility age to 60.

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.

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

2023   "[How Policies to Expand Insurance Coverage Affect Household Health Care Spending](#)" (with Michael Simpson and Jessica Banthin). *Commonwealth Fund*.

2022   "[The Impact of the COVID-19 Public Health Emergency Expiration on All Types of Health Coverage](#)" (with Matthew Buettgens). *Urban Institute*.

2022   "[Women's Coverage Losses in 2023 If the American Rescue Plan Act's Premium Tax Credits Expire](#)" (with Jessica Banthin and Michael Simpson). *Urban Institute*.

2022   "[Lowering the Age of Medicare Eligibility to 60: Effects on Coverage and Spending](#)" (with John Holahan, Matthew Buettgens, Michael Simpson, and Jessica Banthin). *Urban Institute*.

2022   "[Allowing the American Rescue Plan Premium Tax Credits to Expire Would Reverse Recent Progress in Reducing the Rate of Uninsured Americans](#)" (with Jessica Banthin). *Urban Institute*.

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 McMorrow, 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*.

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*.

PRESENTATIONS

2022   "What If the American Rescue Plan Act Premium Tax Credits Expire?" AcademyHealth, Annual Research Meeting, Washington, DC (Poster)

TECHNICAL SKILLS

Languages and Platforms: Python, R, Stata, SQL, Tableau, Microsoft Excel, Git/GitHub

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

COMMUNITY INVOLVEMENT & RECOGNITION

• Mentor for students in Coding it Forward's Civic Digital Fellowship program (2021-Present)
• 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)