

BREYON WILLIAMS

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PROFESSIONAL SUMMARY

Applied economist with expertise in causal inference, policy evaluation, and mixed-methods research. Skilled at translating complex data into actionable insights for industry, government, and foundations. Experienced in leading cross-functional teams, designing research evaluation plans, managing research projects, and collaborating with organizations to strengthen their research capabilities. Passionate about leveraging data and evidence to drive meaningful improvements in well-being.

SKILLS

- **Analysis Methods:** Causal inference, A/B testing, quasi-experimental designs, statistical modeling, forecasting, machine learning (limited but learning)
- **Research Methods:** Mixed-methods (survey design, focus groups, interviews), rapid-cycle research, user research
- **Programming & Tools:** Stata (expert), Excel (expert), R (proficient), Python (limited but learning), Tableau (proficient)
- **Industry & Policy Areas:** Digital advertising, education and EdTech, education policy, social policy, fiscal policy, workforce development
- **Project Leadership:** Project management (budgeting, staffing, monitoring progress), stakeholder engagement, strategic partnerships

EXPERIENCE

Researcher

Mathematica | Washington, DC | Sept 2020 – Present

- Lead data collection, analysis, and reporting tasks across multiple education and workforce development evaluations, translating complex research findings into actionable insights that inform policy decisions, funder strategies, and program improvements.
- Manage budgeting, staffing, and timelines for research projects and task orders with federal agencies (e.g., U.S. Department of Education) and major foundations (e.g., Gates Foundation, Walton Foundation), overseeing teams of 2-25 staff and budgets ranging from \$50,000 to \$3 million to ensure timely, high-quality, and cost-effective project delivery.
- Partner with education grantees on behalf of foundation clients, strengthening their research capacity, facilitating data-driven decision-making, and fostering collaboration to help refine and scale promising education initiatives.
- Establish and manage data-sharing agreements with school districts and other institutions, navigating legal, ethical, and logistical challenges to facilitate high-quality research and program evaluations.

Breyon Williams

Associate

Analysis Group | Boston, MA | Aug 2019 – Sept 2020

- Conducted empirical research and data analysis to support litigation in digital advertising, biotech, and consumer protection cases, translating complex findings into expert reports used in court proceedings.
- Led user experience (UX) research tasks for an antitrust case involving a social media company, leveraging A/B testing and natural experiments to assess how targeted advertising impacted user engagement metrics (e.g., likes, reach, click-through rates, conversion rates).
- Analyzed ad auction dynamics to evaluate their effects on advertiser competition (e.g., cost per impression, cost per click) to provide economic insights into market efficiency and competitive behavior.
- Conducted analyses of claims data for a False Claims Act case in the biotech industry to identify billing patterns and estimate potential financial liability related to alleged overcharges to government health programs.
- Designed sampling and statistical models to quantify the economic damages of over 16,000 individuals whose convictions were vacated due to flawed forensic evidence.

Program Coordinator II

South Carolina Revenue & Fiscal Affairs Office | Columbia, SC | Mar 2013 – Aug 2014

- Streamlined and organized processes for forecasting state revenue for major General Fund sources, including state sales and personal income taxes, to better facilitate budget planning and allocation decisions for policymakers.
- Estimated the revenue impact of a proposed state gas tax increase, modeling different rate scenarios and projected fuel consumption patterns to provide data-driven insights to legislators and relevant state agencies (e.g., Department of Transportation).
- Conducted economic impact assessments for local sales tax proposals to provide revenue projections to county officials for inclusion on voter ballots regarding sales tax increases.
- Fostered strong relationships with state agencies and South Carolina House and Senate staffers to translate complex fiscal analyses into accessible insights to support legislative decision-making.

EDUCATION

PhD, Economics | University of South Carolina | 2019

BA, Political Science | University of South Carolina | 2012

SELECTED PUBLICATION (*Full list available at [Personal Website](#)*)

- Williams, B. [“The spillover benefits of expanding access to preschool.”](#) *Economics of Education Review*.