

DUNCAN J. MAYER, Ph.D.

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PROFESSIONAL SUMMARY

I am a social scientist and statistician with experience leading analytic portfolios with academic, government, and private sector stakeholders to understand complex behavior and other phenomena. I maintain good coding practices and am comfortable building, evaluating, and interpreting everything from well known algorithms to bespoke models. I excel at research dissemination, I have published 13 academic papers and have experience communicating results and recommendations to audiences with a range of technical sophistication. My full academic CV can be found [here](#).

SKILLS

Quantitative Longitudinal Data Analysis, Hierarchical Models, Spatial Statistics, Bayesian Methodologies

Qualitative: Focus Groups, Interviews, Content Analysis, and Case Studies

Programming: R (9 years) | SQL (4 years) | Stan (4 years)

RECENT PROFESSIONAL EXPERIENCE

[US Citizenship and Immigration Services,](#) [Department of Homeland Security](#)

Camp Springs, MD

Social Science Analyst (full-time)

August 2024 – Present

As a social scientist in USCIS's Policy Research and Evaluation Division I led retrospective and prospective studies of policy changes within the US immigration system. Among others, I worked with large and complex administrative data, and teams with diverse backgrounds, to evaluate changes to work authorization and the civics naturalization exam. I disseminated results in papers and briefed agency leadership on study findings.

[BeVera Solutions](#)

Atlanta, GA

Health Statistician (full-time)

Sept. 2022 – August 2024

In a client facing role as a statistician at a consulting firm I contributed to project proposals, provided statistical support and consultation, and led and managed the methodological development of studies addressing internal questions for the Centers for Disease Control and Prevention. I collaborated with CDC staff to elicit important questions, led outcome evaluations of COVID19 vaccine programs within federal agencies and studies of health equity during the nation's COVID19 vaccine roll out.

[Case Western Reserve University](#)

Cleveland, OH

Research fellow (full-time)

Aug. 2018 – June. 2022

As a research fellow with the [Center on Poverty and Community Development](#) I developed and led a research portfolio focused on novel quantitative methodologies and empirical studies of the distribution of community resources using modern computational methods. I disseminated the results of these projects in academic journals and presentations to academic and external audiences.

EDUCATION

Case Western Reserve University
PhD in Social Welfare

Cleveland, OH
August 2023

Marywood University
Masters of Social Work
Bachelors of Social Work

Scranton, PA
May 2017
May 2015