

SARAH SULLIVAN

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Education

Johns Hopkins University

August 2019 – May 2023

Bachelor of Arts with Honors in International Studies & Economics

Baltimore, Md.

Relevant Coursework

- Data Science
- Econometrics
- Linear Algebra
- Statistical Analysis
- Dynamic Optimization
- Game Theory

Work and Teaching Experience

Poverty & Inequality Research Lab, Johns Hopkins University

July 2023 – Present

Predoctoral Research Fellow

Baltimore, Md.

- Mixed-methods research fellow developing and supporting policy-directed work in postsecondary decision making, economic mobility, and housing and neighborhood choice.
- Performs novel qualitative research. Has conducted 60 semi-structured, narrative interviews to date, ranging in length from 1.5 – 6 hours.
- Created recruitment database for pilot study. Recruits candidates for study participation, strictly abiding by IRB protocols for ethical human subject research.
- Manages a team of two graduate and three undergraduate research assistants in performing data analysis relevant to co-authored publication.
- Sources, compiles, and analyzes quantitative data to develop research questions and hypotheses; explore avenues for current research; and deliver meaningful, original findings using Stata, Python, R, and Excel.
- Codes interviews using QDA software, having coded over 400 hours of interviews to date. Delivers analytic memos to actively modify codebook and direct research.

U.S. Department of Labor, Bureau of Labor Statistics

June 2022 – August 2022

Economics Intern

Dallas, Tx.

- Researched approx. 3,000 randomly sampled firms to compile data on business standing, employment, possible mergers & acquisitions, and up-to-date contact information in support of the Occupational Requirements Survey and the Employment Cost Index.
- Developed Python programs to interface between MS Access and Adobe PDF Editor. Transmitted data from Access to facilitate communication between regional and national information management systems.
- Maintained complete confidentiality when researching and communicating internally about firms within the sample. Valued the sensitive nature of data and the role of confidentiality in ensuring continued credibility of BLS surveys.
- Worked efficiently without compromising accuracy to set and meet internal and external deadlines. Kept meticulous documentation of workflow for futureproofing.

Johns Hopkins University Carey School of Business

August 2020 – December 2023

Teaching Assistant

Baltimore, Md. & Remote

- Teaching assistant for Smart Growth, Real Estate, and Infrastructure Development.
- Applied master knowledge of subject material to facilitate discussions, answer students' questions, and contribute to course content.
- Assisted professor in all technical aspects of the course, including the course management system, presentations, and online communications with students.

Johns Hopkins University Housing Operations

August 2020 – May 2023

Mail Clerk

Baltimore, Md.

- Worked 20 hours/week as a student mail clerk supporting over 3,000 undergraduate students residing in university housing.
- Received, processed, and distributed tens of thousands of packages over the course of a three-year career.
- Trained each year's new cohort of student workers.

Research Experience

The Community Study

July 2023 – Present

Poverty & Inequality Research Lab

Baltimore, Md.

Principal Investigators: Stefanie DeLuca and Kaylee T. Matheny

- Involved in all aspects of qualitative data collection for a mixed methods investigation into recent Opportunity Insights findings on race and class gaps in American economic mobility.
- Travels with a team of faculty and staff researchers to conduct fieldwork, having spent nearly three months to date in two field sites. Recruits study participants through doorknocking. Has knocked on hundreds of doors in the Midwest and Mid-South.
- Developed recruitment protocol and routinely contributes to IRB application and modifications.

The College and Career Decision Making Study

July 2023 – Present

Poverty & Inequality Research Lab

Baltimore, Md.

Principal Investigators: Stefanie DeLuca and Nicholas Papageorge

- Coauthor on mixed-methods working paper on the postsecondary trajectories of community college students. Contributes to a literature on community college student degree non-completion and barriers to degree attainment.
- Built longitudinal data set of over 600,000 student-semester observations.
- Conducted qualitative interviews and primary coded interviews during phase I of the study.
- Currently conducting secondary analyses and performing hypothesis tests in qualitative data.

Working Papers

DeLuca, Stefanie, Jacqueline Groccia, Nicholas Papageorge and Sarah Sullivan (alpha order). "Sub-baccalaureate Swirling: Understanding Timing, Trajectories and Degree Completion for Community College Students." (To be presented at the Population Association of America 2025 Annual Meeting)

Sullivan, Sarah, Cameron Baird, Emma Petite, Josh Lafair, William Messick and Jacob Paikin. 2022. "Transnational Threats and American Grand Strategy." Kissinger Seminar on American Grand Strategy and World Order. (Unpublished Capstone Paper)

Leadership / Extracurricular

IX Society: Women's Leadership Organization

Fall 2020-Spring 2021

Recruitment Chair & Diversity and Inclusion Committee Member

Johns Hopkins University

National Security Language Initiative for Youth

Summer 2018

Scholarship Recipient

Kirov, Kirovskaya Oblast, Russian Fed.

Skills

Skills: Python (pandas, scikit-learn, seaborn, NumPy, TensorFlow, Keras), Stata, LaTeX, R, Time Series Forecasting, Unsupervised Learning (k-means clustering, principal component analysis), Data Visualization
Languages: English (native), French (proficient), Spanish (proficient), Russian (intermediate high OPI)