

DaiGianna Williams

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Education

University of Illinois at Chicago

Chicago, IL

B.A. Economics & B.A. Anthropology

August 2021 - May 2025

Fields of Interest

Development Economics • Behavioral Economics
Health Economics • Economic Anthropology

Employment & Experience

University of Chicago

Chicago, IL

Predoctoral Research Professional

September 2025 - Present

Research Assistant

April 2025 - August 2025

- ❖ Performing in depth reviews of literature and evaluating applicability to current research projects
- ❖ Developing and refining survey questions to assess nonprofit program effects, incorporating feedback to improve clarity
- ❖ Preparing and drafting documents for expedited IRB approval, ensuring specify and adherence to guidelines
- ❖ Identifying and correcting statistical coding errors using Stata to improve the accuracy and reproducibility of a Quarterly Journal of Economics manuscript.

Carnegie Endowment for International Peace

Washington, DC / Remote

Research Assistant Intern

October 2023 - December 2023

- ✧ Analyzed weapons databases, macroeconomic trade data, and diplomatic engagements to identify systemic and social risk factors of Russian influence in African littoral states (Ghana, Togo, Benin) to inform senior team and policymakers
- ✧ Produced a comprehensive report on high-risk regions using data visualization tools (Excel), enabling strategic decision-making and further research on geopolitical conflicts

Working Bikes

Chicago, IL

International Research Intern

August 2023 - December 2023

- ❖ Created a data-driven research report on the economic and social impact of the organization, leveraging USAID reports, World Bank data, and global partner feedback
- ❖ Conducted interviews with international partners and bicycle recipients in Ghana, Uganda, and Malawi to gather qualitative data, identifying expansion opportunities and informing organizational strategy.
- ❖ Presented findings to the board of directors, employees and volunteers to provide translating complex data into

clear, actionable insights to drive expansion and operational improvements.

Pennsylvania State University	University Park, PA
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ARISE Fellow (Anthropological Research in Science Education)	May 2024 - June 2024
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- Utilized R packages (qqman, dplyr, tidyr, ggplot2) to analyze genomic data, identifying genetic risk factors for schizophrenia and contributing to advancements in mental health research
- Cleaned, visualized, and interpreted large genetic dataset using R and presented findings to professors and PhD candidates in a clear and concise manner to support further research.
- Worked alongside a multidisciplinary team to refine research strategy, improving data accuracy and enhancing the overall quality of the project

TCG Crest	Remote
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A.I./Machine Learning Apprentice	June 2023 - June 2024
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- Boosted the performance of the AASIST model by 96%, reducing the equal error rate from 14% to 0.471% using Python, improving the detection rate of audio deepfakes
- Sped up runtime by subsampling data to optimize GPU memory usage and minimize system crashes
- Collaborated with a team using Google Colab to develop and test various solutions, contributing to the successful delivery of a high-impact project

Fellowships & Awards

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| ◇ Nasrin Mahani Scholarship | 2024 |
| ◇ Benjamin A. Gilman International Scholarship | 2024 |
| ◇ Foreign Language and Area Studies Program Fellowship | 2022 |
| ◇ National Center for Women in Information Technology National Award | 2020 |
| ◇ Museum of Contemporary Art 21 Minus – Financial Literacy Project | 2018 |

Training & Certifications

J-PAL North America Research Staff Training	August 2026 (Upcoming)
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CITI Certification	July 2025 - July 2028
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Social and Behavioral Sciences – IRB Human Subjects Protection

Academic Service

Federal Reserve Bank of St. Louis	St. Louis, MO / Remote
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Reviewer for Undergraduate Research Symposium

Skills

Computing

R • Python • Stata • Git/GitHub/GitLab • LaTeX – Overleaf

Data & Research

Qualtrics • CompuStat Capital IQ – Wharton Research Data Services (WRDS) • Airtable

Languages

English – Native • Russian – Intermediate • Ga – Native

Project Management & Operations

Asana • Slack • Google Workspace • Microsoft Office

References

Damon Jones

damonjones@uchicago.edu

Associate Professor, University of Chicago
Associate Director, Stone Center for Research on Wealth Inequality & Mobility

Yana Gallen

yana@uchicago.edu

Assistant Professor, University of Chicago