

BREANNA E. GREEN

<https://bregreen.github.io/> | BEGreen@infosci.cornell.edu

Primary Technical Skills

- **Programming:** Python, R, PL/SQL
- **Technological Toolbox:** APIs, Github, Anaconda, R Studio, Tableau, Qualtrics, CVENT, SurveyMonkey, Excel, PowerBI & DAX
- **Empirical Methods:** Mixed Methods, Qualitative & Quantitative Analysis, Experimental Research Design, Surveying
- **Keywords:** Computational social science, Natural Language Processing (NLP), data science, social network analysis, information diffusion, examine social issues beliefs and attitudes, analysis of online communities and interactions

Education

Doctorate of Philosophy: Information Science

Cornell University – Ithaca, New York

Advisor: Drew Margolin

Expected:

May 2025

Master of Science: Information Science

Cornell University – Ithaca, New York

August 2023

Master of Science: Psychology

University of Texas at San Antonio – San Antonio, Texas

August 2017

Bachelor of Science: Psychology; Summa Cum Laude

Prairie View A&M University – Prairie View, Texas

May 2014

Work History

Teaching Assistant (NLP & Data Science InfoSci Courses)

Cornell University – Ithaca, New York

Fall & Spring
2023-2024

PhD Intern

Regeneron Pharmaceuticals, Inc. – Tarrytown, New York

Fall 2023
Oct-Dec

Siegel Public Interest Tech Impact Fellowship

Block Party – New York, NY

Summer 2023
May-Aug

PhD Machine Learning Intern

Regeneron Pharmaceuticals, Inc. – Tarrytown, New York

Summer 2023
May-Aug

Data Science Intern

Liberty Mutual Insurance – Boston, Massachusetts

Summer 2022
May-July

Power BI Analytics Intern

Lam Research – (Remote) Fremont, California

Summer 2022
June - Aug

Research Analyst Tarrant County College – Office of Institutional Research – Fort Worth, Texas	2017 to 2020
Teaching Assistant University of Texas at San Antonio – San Antonio, Texas	2016 to 2017
Reader – Grader University of Texas at San Antonio – San Antonio, Texas	2015 to 2016
Graduate Assistant Prairie View A&M University – Prairie View, Texas	2014 to 2015

Publications

Wainwright, K., **Green, B. E.**, & Romanowich, P. (2018). The Relationship Between Delay and Social Discounting, and Body Mass Index in University Students. *The Psychological Record*, 68(4), 441-449.

Working Papers

Green, Breanna, Will Hobbs, Pedro L. Rodriguez, Arthur Spirling, and Brandon M. Stewart. 2024. “Measuring Distances in High Dimensional Spaces: Why Average Group Vector Comparisons Exhibit Bias, and What to Do About It.” SocArXiv. January 12.

Anderson, Rajen A., Benjamin C. Ruisch, **Breanna E. Green**, and Amy R. Krosch. 2024. “Why We Hate, Left and Right: The Causes of Affective Polarization Differ between Liberals and Conservatives”.

Omapang, Aspen K.B., **Breanna E. Green**, Chao Yu, Roxana Mika Muenster, and Drew B. Margolin. 2023. “Time to Politicization: The Emergence and Effects of Politics on Science YouTube Videos”.

Green, Breanna E. and Will Hobbs. 2023. “How Polarized are Online Conversations about Childhood?”

Research Experience and Recent Projects

Working Group – Global Internet Forum to Counter Terrorism • Technical Approaches: Tooling, Algorithms & Artificial Intelligence	2021-2022
Information Technology Infrastructure Library (ITIL) 4 Foundation Certification	2019
City Wide Program Development, Evaluation, and Consulting - FWTX100x25 – City of Fort Worth	2018 - 2020
Conference Presentation – Association of Institutional Research (A.I.R.) • Expected Growth of Hispanic Students Entering Higher Education	2019

Awards, Service and Extra Curricular

Siegel Research Fellow	2023-2024
Siegel Public Interest Tech Impact Fellowship – Cornell Tech	Summer 2023
Exemplary Service Award- Early Career Student – Cornell Graduate School Office of Inclusion & Student Engagement	May 2022
The Robert Mozia Graduate Student Distinguished Service Award - 2022 Diversity Programs in Engineering Annual Award	May 2022
Event Organizer – The Inaugural Black Excellence Research Symposium	March 2022
Sloan Mini-Grant Award Winner – \$10,000 – Sloan Scholar Wellness and Community Building Series	2022
GEM Employer Fellowship – Sponsoring Company: Lam Research	2022-2023
Executive Board for National Society of Black Engineers (NSBE) – Graduate Representative	2021-Present
Executive Board for Black Graduate & Professional Student Association – Academic Excellence Chair	2021-2022
Multicultural Academic Council (MAC) Mentoring Peer mentors to support the success and professional development of first- year doctoral students	2021-2022
Sloan Scholar, Alfred P. Sloan Foundation's Minority Ph.D. (MPHD) Program – Grant: G-2019-11435.	2020 - 2025
TCCD Institutional Review Board – Alternate Member	2018 - 2020
Cyber security Task Force - Lead Analyst	2018 - 2020
S.T.E.M. Council – Lead Analyst	2017 - 2020
Mentor for Master of Teaching Institute – Research Design and Methodology	2017 - 2020
UTSA Research Poster Judge – 6th Annual TRIO Research Symposium	July 2016
Study Mandarin Chinese Abroad Language Program – Taipei, Taiwan • National Taiwan Normal University	2015
Service Learning – Accra, Ghana	2014
Study Mandarin Chinese Abroad Language Program – Xi'An, China • Xi'An International Studies University	2012
Middlebury Summer Language Institute - Middlebury, VT	2011