

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) & text analysis, large language models (LLMs), data science, social network analysis, information diffusion, online communities and interactions

EDUCATION

Doctorate of Philosophy: Information Science Cornell University – Ithaca, New York Advisor: Drew Margolin	Expected: May/August 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 – People Analytics & Reporting 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 - People Analytics & Reporting Regeneron Pharmaceuticals, Inc. – Tarrytown, New York	Summer 2023 May-Aug
Data Science Intern – Corporate Talent Analytics 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 & Reader – Grader University of Texas at San Antonio – San Antonio, Texas	2015 to 2017
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 E. and Will Hobbs. 2025. “How Polarized are Online Conversations about Childhood?” Accepted in Proceedings of the International AAAI Conference on Web and Social Media.

Green, Breanna E., Ashley L. Shea, Pengfei Zhao, Drew B. Margolin. 2024. “It seems to be cheering on someone named Brandon’: Comparing Human and GPT-4 Classification Performance on Complex Social Media Data.”

Green, Breanna E., Will Hobbs, Sofia Avila, 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. 2024. “Time to Politicization: The Emergence and Effects of Politics on Science YouTube Videos”.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

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
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

Conference Presentation – Association of Institutional Research (A.I.R.) Expected Growth of Hispanic Students Entering Higher Education	2019
City Wide Program Development, Evaluation, and Consulting - FWTX100x25 – City of Fort Worth	2018 - 2020
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

AWARDS & SERVICE

Siegel Research Fellow	2023-2024
Siegel Public Interest Tech Impact Fellowship – Cornell Tech	2023
Exemplary Service Award- Early Career Student – Cornell Graduate School Office of Inclusion & Student Engagement	2022
The Robert Mozia Graduate Student Distinguished Service Award - 2022 Diversity Programs in Engineering Annual Award	2022
Event Organizer – The Inaugural Black Excellence Research Symposium	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
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
UTSA Research Poster Judge – 6th Annual TRIO Research Symposium	2016

EXTRA-CURRICULAR

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

