AMELIA HOOVER GREEN, PH.D.

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EXPERIENCE

2020– *Associate Dean for Diversity, Equity, and Inclusion*, College of Arts and Sciences, Drexel University, Philadelphia, PA.

- Analyzed student and faculty experience across academic field and demographic categories, using open-source, institutional, and bespoke data sources.

- Designed, implemented, and assessed DEI programs, in collaboration with faculty, staff, student, and community partners.

- Presented impactful, data-driven policy and process recommendations to college and university administrators.

2012– *Assistant ⟹ Associate Professor*, Department of Politics, Drexel University, Philadelphia, PA.

- Gathered, canonicalized, cleaned, merged, and analyzed data from multiple sensitive sources using well-commented, publicly available code.

- Taught research methods courses, including qualitative interviewing and coding, research ethics, reproducible research, statistical programming via R/RStudio, data visualization, and the regression toolkit.

- Published a book and several articles on political violence, quantitative methods in human rights, ethical implications of quantitative analyses.

- Translated academic findings for public and practitioner audiences via blog posts, media appearances, and public talks.

2007– *Consultant*, Human Rights Data Analysis Group (HRDAG), San Francisco, CA.

- Advised US and international courts regarding accountability for mass atrocities.

- Advised human rights advocates on data collection and analysis.

- Authored reports on (e.g.) sexual violence data best practices, multiple systems estimation, patterns of crimes by particular military units/commands.

2011 *Knowledge Management Expert*, United Nations Action Against Sexual Violence in Conflict, New York, NY (temporary, contract).

- Advised country teams on Security Council-mandated data reporting processes; created short explainers for practitioners.

- Created searchable annotated bibliography of methodological works in sexual violence reporting.

EDUCATION

2011 Ph.D., Political Science, Yale University, New Haven, CT.

2003 B.A. (Political Science major, Mathematics minor; High Honors), Swarthmore College, Swarthmore, PA.

TECHNICAL SKILLS

- Fluent/daily use: R (base & tidyverse) for data ingestion, wrangling, analysis, and visualization.

- Frequent/weekly use: Git, Markdown/RMarkdown, LaTeX.

- Reading knowledge: Python, Stata, SQL.

STATISTICAL TOOLSET

- General linear models, including multilevel/nested models.

- Bayesian Model Averaging.

- Sensitivity analysis.

- Survival analysis.

- Survey methods and interpretation.

- Statistics-English translation for non-experts.

SUBJECT MATTER EXPERTISE

- Domestic and international political conflict and violence.

- The politics of quantification, including quantification of gender-based violence.

- Quantitative research ethics.

NB: For a full list of writings and talks, please see my academic CV.