Laura Laderman

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Employment

2022 – 2024: **Senior Statistician and Data Systems Manager** – *Strength in Numbers Consulting Group*

- Conducted data analysis in R, designed data visualizations, managed report production process, and co-authored: [Protected and Served?](#) with Lambda Legal and Black and Pink; [The Rise of Pregnancy Criminalization](#) with Pregnancy Justice; and [LGBTQ+ Safe Spaces Needs Assessment](#) with AVP.
- Led evaluation partnership with Hetrick-Martin Institute, an LGBTQ youth services organization. Built mixed effects models to test whether counseling program was reducing symptoms of depression and anxiety. Positive findings used to secure additional funding for organization.
- Developed and led a ten-workshop series for NYS Department of Health grant recipients on program evaluation practices, including developing logic models, conducting surveys, and presenting data.
- Transitioned Strength in Numbers from Stata to R; wrote and documented code for common processes.
- Supervised one to two research associates and ran the internship program. Led about five client projects at a time, including project scoping, research design and execution, and results presentation.

2016 – 2022: **Chief Statistician (formerly Manager of Data Analysis and Visualization; Data Analyst)** – *Measure of America, a program of the Social Science Research Council*

- Conducted statistical analysis, researched, wrote, and designed maps and data visualizations for four book-length Human Development reports, such as [A Portrait of California](#), and eight shorter reports.
- Served as the project and product manager for the creation of online mapping tools [Cottage Data2Go](#) and the [Latino Power Map](#). Did data curation, analysis, UI/UX design, and copy-writing, and led collaboration with users and stakeholders. Supervised annual data updates.
- Managed contract research projects for 20+ clients, including conducting analysis and visualization.
- Led trainings on data tools, data visualization, and incorporating data into programmatic work and advocacy. Co-developed a year-long data capacity building program with Nonprofit New York.
- Supervised two to five data and research staff and designed a summer internship program.
- Analysis and visualization work published by [WNYC](#), [The Trace](#), [The New York Times](#), and others.

2015 – 2016: **Instructor** – *Nature's Classroom*
Taught science and teambuilding through hiking and hands-on classes at an outdoor education program.

2015: **Summer of Maps Fellow** – *Azavea*
Performed geospatial data analysis, designed print and web maps, and developed interactive data visualizations for two nonprofits. Independently managed both projects and presented findings.

Volunteer Work

2016 – present: **Data Director** – *Showing Up for Racial Justice NYC*
Lead EveryAction administrator; conduct trainings for organizers and develop data management processes. Led database transition from NationBuilder to Action Network and later to EveryAction. Developed membership survey and facilitated strategic planning process. Co-coordinate communications team of 20 volunteers, managing email, social media, and basebuilding strategy.

Education

2011 – 2015: *Swarthmore College:* Swarthmore, PA – B.A. in Physics with a minor in Statistics
Relevant coursework: Statistical Methods, Data Analysis and Visualization, Mathematical Statistics, Introduction to GIS, Applied Analysis with GIS

Skills

Data Analysis: R, SQL, Stata, basic Python

Mapping: ArcGIS, QGIS, CARTO, Leaflet.js

Data Visualization: D3.js, HTML/CSS/JS, Illustrator, Tableau, Datawrapper, Flourish

Organizing Data: Action Network, NationBuilder, EveryAction, VAN, ThruTalk, Airtable, Google Analytics

Other: Microsoft Office, Github, Squarespace, Asana, Slack

Languages: English (native), Spanish (advanced)