

Laura Laderman

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Employment

- 2022 – present: **Senior Statistician and Data Systems Manager** – *Strength in Numbers Consulting Group*
Leading program evaluation, data analysis and visualization, and data capacity building work with nonprofit clients. Supervising two analysts and transferring the data team from Stata to R.
- 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 specific data tools, skills such as data visualization, and strategies for incorporating data into programmatic work and advocacy for nonprofits, local governments, and youth. Co-developed and taught for 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.
- 2014: **Summer Research Intern** – *Lamont-Doherty Earth Observatory, Columbia University*
3D mapped glacially-eroded rock using structure-from-motion photo-processing software. Presented research at the American Geophysical Union Fall Meeting.

Volunteer Work

- 2016 – present: **Data Director** – *Showing Up for Racial Justice NYC*
Lead Action Network administrator; conduct trainings for organizers and develop data management processes. Led database transition from NationBuilder to Action Network; currently transitioning to EveryAction. Built Airtable database to help organizers better track member engagement. Developed membership survey and facilitated strategic planning process. Co-coordinate communications team of 30 volunteers, managing email, social media, and basebuilding strategy. Serve on coordinating committee.
- 2020 – 2021: **Data Team Volunteer** – *Showing Up for Racial Justice Georgia Runoff Campaign*
Built and tested call scripts in ThruTalk, built canvassing lists in VAN, tracked and managed GOTV data for the Savannah field office including estimating doors needed and tracking turf status.

Education

- 2011 – 2015: *Swarthmore College: Swarthmore, PA* – B.A. in Physics with a minor in Statistics, GPA: 3.8
Relevant coursework: Statistical Methods, Data Analysis and Visualization, Mathematical Statistics, Introduction to GIS, Applied Analysis with GIS

Skills

Data Analysis: R, SQL, JMP, Matlab, basic Python

Mapping: ArcGIS, QGIS, CARTO, Leaflet.js

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

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

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

Languages: English (native), Spanish (advanced)