

# Hannah Pullen-Blasnik

## Curriculum Vitae

Knox Hall Department of Sociology

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### Education

2019-2024 **Columbia University**, New York, NY.

(expected) Ph.D. Sociology

Research Areas: Urban Sociology, Computational Social Science, Social Movements

2012-2016 **Brown University**, Providence, RI.

Sc.B. Social Analysis and Research, GPA: 4.0

Thesis: "Policing Gentrification: Exploratory Analysis of Stop-and-Frisk and Income Disparity in Brooklyn"

### Awards and Fellowships

2019 **Paul F. Lazarsfeld Fellow**, *Department of Sociology, Columbia University.*

2016 **Alumni Award for Outstanding Sociology Undergraduate Thesis**, *Brown University.*

Best senior thesis as judged by alumni with PhDs in Sociology (Tiffany Joseph, Adam Reich, Darcy K. Leach)

2016 **Sociological Methods Award**, *Brown University.*

2016 **Magna Cum Laude**, *Brown University.*

2016 **Departmental Honors**, *Department of Sociology, Brown University.*

2014 **Peter G. and Paul G. Hanoian Memorial Award**, *Brown University.*

Assists students in labor relations and social justice organizations striving to impact working people's lives

2012 **John William Ward Public Service Fellowship**, *City of Boston Office of Environment and Energy.*

### Full-Time Employment Experience

Apr-Jun 2019 **Digitas**, *Senior Data Scientist*, Boston, MA.

Continued responsibilities of data scientist role with heightened leadership position across departments and national team and greater emphasis on long-term project planning for client team.

Mar 2017-Apr 2019 **Digitas**, *Data Scientist*, Boston, MA.

Addressed client problems through predictive machine learning techniques, data transformation pipelines, and interactive visualizations using R, Python, SQL, and Apache Spark. Managed datasets ranging from hundreds of millions to billions of rows in distributed computing environments including AWS and GCP. Led introductory trainings and contributed to departmental research and development initiatives.

Sep 2016-Mar 2017 **Digitas**, *Analyst*, Boston, MA.

Built automated pipelines in Python, Excel, and Tableau to ingest, transform, and merge client online analytics data for monthly report. Presented data insights and visualizations to clients.

### Data and Research Experience

Mar 2018-Present **ACLU of Massachusetts**, *Volunteer Researcher*, Boston, MA.

Provide ongoing advising and peer review of analyses for cases, including conducting analyses supporting the successful overturn of thousands of tainted drug sentences in the *CPCS v. Attorney General* case. Led 8-person team in pro bono project to create interactive RShiny dashboard and repeatable data standardization and geocoding systems for Boston's policing and arrest data.

Jul 2017-Jun 2019 **Data For Black Lives**, *Research Intern*, Cambridge, MA.

Researched algorithmic bias to evaluate discrimination concerns in social applications and policies. Led team of 60 volunteers and assisted in coordinating annual 500-person conference at MIT. Served as data science resource at partner community organizing meetings.

Mar-May 2016 **Center for the Study of Race and Ethnicity in America**, *Researcher*, Providence, RI.

Collected, analyzed, and catalogued evidence on policing practices from 1975 to the present in the U.S. for a study of structural racism under the guidance of Tricia Rose.

Sep-Dec 2014 **Resilient RI Research Team**, *Research Assistant*, Providence, RI.

Organized panels of local environmental activists, politicians, and community leaders on Resilient RI Act.

- Jun-Aug 2014 **TechTarget**, *Editorial Assistant*, Newton, MA.  
Wrote articles on business analytics, data management, and health IT. Analyzed electronic health records data to create company's first interactive visual in D3.
- Jan 2013-May 2014 **Brown University Department of Sociology**, *Research Assistant*, Providence, RI.  
Jan-May 2014: Copyedited quantitative survey questions and analyzed responses on gender and educational attainment in Ethiopia under the guidance of David Lindstrom.  
Jan-May 2013: Parsed long-form interviews for qualitative information on class, race and gender in understanding identity formation under the guidance of Gregory Elliott.

## Selected Publications

- Mar 2019 Hall, Rahsaan and Nasser Eledroos. "Facts Over Fear: The benefits of declining to prosecute misdemeanor and low-level felony offenses." *ACLU of Massachusetts*. (Data Peer Reviewer)
- Aug 2014 "BI Data Storytelling Pegged as Key to Driving Executive Action." *SearchBusinessAnalytics*.
- Aug 2014 "Who Are the Top EHR Vendors in Your State?" *SearchHealthIT*.
- Aug 2014 "Linthicum: Cloud Analytics Apps Need Solid Data Architecture." *SearchBusinessAnalytics*.
- Jul 2014 "Data Modeling Techniques Explained: How to Get the Most from Your Data." *SearchDataManagement*.
- Jun 2014 "Don't Let Data Visualization Projects Get Lost in Complexity." *SearchBusinessAnalytics*.
- Jun 2014 "Self-Service BI Tools Can Aid CRM Efforts, with Some Effort" *SearchBusinessAnalytics*.
- Feb 2014 "Protests in Thailand." *Brown Political Review*. With Ruba Al-Eryani and Katrina Van Laan.
- Nov 2013 "Austerity Measures in Portugal." *Brown Political Review*. With Alif Ibrahim.
- Nov 2013 "Obamacare and Healthcare.gov." *Brown Political Review*. With Alif Ibrahim.
- Nov 2013 "International Spying and the NSA." *Brown Political Review*. With Alif Ibrahim.
- Oct 2013 "New Jersey Legalizes Same Sex Marriage." *Brown Political Review*. With Alif Ibrahim.
- Oct 2013 "Perspectives On Syria From Christian Syrians In Providence." *Brown Political Review*. With Alif Ibrahim, Benjamin Sadkowski, and Shoshana Salzberg.
- Sep 2013 "U.S. Loses UNESCO Voting Rights." *Brown Political Review*. With Alif Ibrahim.
- Sep 2013 "Syrian Conflict." *Brown Political Review*. With Eugenia Lulo, Maria Paz, Nina Roesner, Benjamin Sadkowski, and Shoshana Salzberg.
- Sep 2013 "Colombian Village's Story Inspires Dreams of Sustainable Communities." *GreeningRozzie Blog*.

## Skills

- Programming Python, R, Apache Spark (Pyspark), SQL, Stata, SPSS
- Technical ArcGIS, QGIS, AWS (S3 and EC2), GCP, Linux, LaTeX, Jupyter, Microsoft Excel
- Language Spanish (advanced)

## Additional Community and Film Experience

- Jan 2014-Jun 2015 **Brown Motion Pictures**, *Head of Production*, Providence, RI.  
Sat on executive board of 100-person student film production agency, in charge of crew staffing, training sessions, and semester schedule. Led 20-person crew as Executive Producer and Director.
- Jun-Aug 2014 **Boston Neighborhood Network**, *Video Production Intern*, Boston, MA.  
Operated field and studio cameras for television station focused on providing platform for communities excluded from mainstream media. Assisted teaching summer program for youth without permanent housing.
- Sep 2013-Feb 2014 **Brown Political Review**, *Media Board Content Creator*, Providence, RI.  
Published short research documentaries and weekly stop motion animations on political events.
- May-Sep 2013 **Greening Rozzie**, *Environmental Intern*, Boston, MA.  
Wrote articles and coordinated community events on affordable environmental sustainability.

## References

References available upon request.