

Hannah Pullen-Blasnik

Curriculum Vitae

✉ hannah.pullen-blasnik@columbia.edu
📄 <https://blogs.cuit.columbia.edu/hsp2118/>
🌐 [hannahpullenblasnik](https://www.linkedin.com/in/hannahpullenblasnik)

Education

- 2019-2024 **Columbia University**, *Ph.D. Sociology*, New York, NY, (expected).
- 2019-2021 **Columbia University**, *M.A. Sociology*, New York, NY, GPA: 4.1.
- 2012-2016 **Brown University**, *Sc.B. Social Analysis and Research*, Providence, RI, GPA: 4.0.
magna cum laude, departmental honors
Title: "Policing Gentrification: An Exploratory Analysis of Stop-and-Frisk and Income Disparity in Brooklyn, NYC 2007-2014."

Research Interests

The Carceral State, Political Economy, Critical Geography, Algorithms and Surveillance, Social Movements, Computational Social Science

Fellowships, Awards, and Grants

- 2021-2026 **Graduate Research Fellowship Program**, *National Science Foundation*.
- 2019-2024 **Paul F. Lazarsfeld Fellow**, *Graduate School of Arts and Sciences, Columbia University*.
- 2020-2021 **Graduate Research Fellow**, *Columbia Justice Lab*.
- 2020-2022 **Workshop Grant: Sociology of Algorithms**, *Institute for Social and Economic Research and Policy*.
- 2020 **Research Support Grant**, *Department of Sociology, Columbia University*.
- 2016 **Alumni Award for Outstanding Sociology Undergraduate Thesis**, *Brown University*.
- 2016 **Sociological Methods Award**, *Brown University*.
- 2014 **Peter G. and Paul G. Hanoian Memorial LINK Award for Work in Labor Relations and Social Justice Organizations**, *Brown University*.
- 2012 **John William Ward Public Service Fellow**, *City of Boston Office of Environment and Energy*.

Professional Employment

Full-Time Employment

- 2019 **Digitas**, *Senior Data Scientist*, Boston, MA.
Managed and led data science project teams for clients, research and development, and pro bono partners. Taught training sessions and coordinated data science work across departments and national team.
- 2017-2019 **Digitas**, *Data Scientist*, Boston, MA.
Delivered 10 long-term data science projects for Fortune 500 clients, ad-hoc data science requests from clients and internal teams, and dozens new business pitch analyses. Employed exploratory data analysis, predictive modeling, statistical and machine learning techniques, data ingestion and transformation pipelines, and interactive visualizations using R, Python (Pyspark), and SQL. Managed big data projects in distributed cloud computing environments including Amazon Web Services (AWS) and Google Cloud Platform (GCP).
- 2015, 2016 **Digitas**, *Analyst*, Boston, MA.
Managed data projects in Excel and Tableau, presented insights and visualizations to clients, built automated data pipelines in Python (Pandas).

Research Experience

- 2019-Pres **Columbia Justice Lab**, *Graduate Research Assistant*, New York, NY.
- 2017-Pres **Data For Black Lives**, *Volunteer Researcher*, Cambridge, MA.
 - 2021 **Boston University Department of Sociology**, *Graduate Research Assistant*, Boston, MA.
- 2018-2019 **ACLU of Massachusetts**, *Volunteer Researcher*, Boston, MA.
 - 2016 **Center for the Study of Race and Ethnicity in America**, *Research Assistant*, Providence, RI.
- 2015 **TechTarget**, *Data Consultant*, Newton, MA.
- 2014 **TechTarget**, *Editorial Assistant*, Newton, MA.

2014 **Resilient RI Research Team**, *Research Assistant*, Providence, RI.
2013-2014 **Brown University Department of Sociology**, *Research Assistant*, Providence, RI.

Publications

*=equal authorship

Peer-Reviewed Journal Publications

Forthcoming Pullen-Blasnik, Hannah, Jessica T. Simes and Bruce Western. "The Population Prevalence of Solitary Confinement." *Science Advances*.

Journalism Publications

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

In Progress

Pullen-Blasnik, Hannah, Amy Weissenbach, Gil Eyal, and Kiran Samuel. "Algorithm as Both Tool and Backing: Ambiguity and Contested Expertise in Probabilistic DNA Profiling."

Pullen-Blasnik, Hannah. "To Protect and Serve Capital: Policing, Real Estate Development, and the Regulation of Public Space in New York City."

Non-Authored 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)
- Jul 2014 Reda, A. Alex, and David Lindstrom. "Recent Trends in the Timing of First Sex and Marriage among Young Women in Ethiopia." *Etude de la population africaine = African population studies* 28.2 Suppl (2014): 1157–1170. PMC. (Research Assistant)

Talks, Conferences, Presentations

Invited Talks

Apr 2021 "Data Weapons and Data Resistance: D4BL on Collection, Analysis, and Dissemination Techniques." With Paul Watkins. *American Studies Junior Colloquium, Barnard College.*

Conference Presentations

Nov 2021 "The Population Prevalence of Solitary Confinement." Cultures, Practices and Populations in Penal Institutions Session. *American Society of Criminology Annual Meeting.*

Oct 2021 "'Is your accuser me, or is it the software?': Ambiguity and Contested Expertise in Probabilistic DNA Profiling." Forensic Devices Panel. *Society for Social Studies of Science (4S) Annual Conference.*

Additional Presentations

Dec 2020 "Predicting, Policing, Prescribing Criminality." With Sarah Brayne, Angele Christin, Andrew Ferguson, and Kristian Lum. *Sociology of Algorithms Workshop, Institute for Social and Economic Research and Policy.* Co-organized with Kiran Samuel and Amy Weissenbach. (Discussant).

Sep 2020 Joyce, Kara E. "Key Steps in the Feature Engineering Process." *SearchDataManagement, TechTarget.* (Invited Interview)

Jun 2018 "Implementing Preferencing Models with Association Rule Mining." *National Data Science Meeting, Digitas.*

Apr 2018 "Word2Vec Applications for Non-Text Sequences." With Neehar Mukne. *National Data Science Meeting, Digitas.*

Service

Academic

2020-Pres **Sociology of Algorithms Workshop**, *Co-Coordinator*, Institute for Social and Economic Research and Policy, New York, NY.

2020-2021 **Racial Capitalism Working Group**, *Coordinator*, Center for the Study of Social Difference, Columbia University, New York, NY.

Community and Public

2020-Pres **Alternatives to Policing**, *Researcher*, Office of Assembly Member Zohran Mamdani, New York, NY.

2014-2015 **Brown Motion Pictures**, *Head of Production*, Providence, RI.

Jun-Aug 2014 **Boston Neighborhood Network Television**, *Video Production Intern*, Boston, MA.

2013-014 **Brown Political Review**, *Media Board Content Creator*, Providence, RI.

May-Sep 2013 **Greening Rozzie**, *Environmental Intern*, Boston, MA.

2008-2012 **Roslindale Village Main Streets**, *Farmers' Market EBT Facilitator*, Boston, MA.

Teaching

2017-2019 **Introduction to Data Science**, *Onboarding*, Digitas, Boston, MA.

2018 **Introduction to SQL**, Digitas, Boston, MA.

Skills

Programming R, Python, Apache Spark (Pyspark), SQL, Stata, SPSS

Technical Amazon Web Services, Google Cloud Platform, Linux, RShiny, Jupyter, ArcGIS, QGIS, Excel, Tableau

Language Spanish (advanced)