

# DAPHNE BLAKEY

Brooks School of Public Policy  
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## SUMMARY

Economist and public policy researcher looking to apply advanced quantitative and computational methods to complex questions, translating data into actionable insights that can inform strategic plans and effective policy.

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## EDUCATION

<b>Cornell University, Brooks School of Public Policy</b>	<b>Ithaca, NY</b>
Masters of Science in Public Policy (awarded as terminal degree)	2022
Doctoral studies in Public Policy	2019–2025
<b>University of Southern California</b>	<b>Los Angeles, CA</b>
Bachelor of Science in Mathematics and Economics, Cum Laude	2016
Bachelor of Arts in Sociology, Cum Laude	

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## EXPERIENCE

**Director of Data and Research, Cornell Graduate Students United, UE Local 300**      **2020 – 2025**

- Organized 3000 graduate workers to form a labor union to improve workplace safety and funding security. The unionization vote passed with 96% approval.
- Led the Data Team to build database infrastructure to maintain worker rolls and track organizing efforts.
- Won an elected seat on the Bargaining Committee to write the first collective bargaining agreement.
- Led the Research Team to conduct legal and labor research to support bargaining strategy.
- Designed, administered and analyzed multiple unit-wide surveys of worker priorities.
- Wrote original policy and program proposals. Edited each article proposal submitted during negotiations.
- Finalized a contract that secured best-in-industry protections for workers' highest impact needs. The ratification vote passed with 97% approval.

**Graduate Researcher, Brooks School of Public Policy, Cornell University**      **2019 – 2025**

- Conducted original research on policing and public sector labor unions.
- Built a national database of police union collective bargaining agreements including over 18,000 contracts.
- Applied advanced text analysis and machine learning methods to analyze contract provisions.
- Raised over \$10,000 in grant funding to train research assistants.
- Performed econometric analyses on public safety and labor outcomes.
- Presented ongoing work at the Association for Public Policy Analysis and Management national conference.

**Teaching Assistant, Brooks School of Public Policy, Cornell University**      **2020 – Present**

- Prepared and taught undergraduate and master's-level courses in Economics, Information Science, and Public Policy alongside tenured professors.
- Prepared lecture materials, problem sets, and exams.
- Led discussion sections, evaluated student work, and managed course administration.

*Courses:* Causal Reasoning and Policy Evaluation; Economics of the Public Sector; Economics of Crime; Big Data for Big Policy Problems; Choices and Consequences in Computing; Behavioral Economics

**Research Assistant, Professor Jamein Cunningham, Cornell University**

**2021 – 2024**

- Built a legal history database of DOJ consent decrees with local law enforcement agencies.
- Studied the role of legal institutions in racial disparities in criminal justice outcomes.
- Managed research assistants coding provisions in Law Enforcement Officers' Bills of Rights.
- Analyzed statutory evolution of consent decrees and LEOBRs and impacts on policing practices.

**Analyst, NERA Economic Consulting, New York, NY**

**2016 - 2019**

- Performed detailed economic and financial analyses pertaining to high-profile merger investigations and antitrust litigation cases.
- Managed internal teams of researchers and PhD economists to produce rigorous economic analyses, white papers, expert reports, and presentations for legal clients and regulatory agencies.

#### TECHNICAL SKILLS

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- **Programming Languages:** R, Python, SQL, MATLAB, C++
- **Statistical Software:** Stata, SAS, SPSS
- **Data Management & Workflow:** Git, GitHub, AWS S3, Google Cloud Storage, RMarkdown, Jupyter
- **Research Methods:** Descriptive Analysis, Causal Inference, Machine Learning, Text-as-Data Analysis
- **Visualization & Reporting:** ggplot2, ArcGIS, Tableau, Airtable, LaTeX, Microsoft Excel

#### EXTRACURRICULAR SKILLS

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- Couture-level tailor for alterations and bespoke garments.
- Former college lacrosse player, mixed martial artist, life-long skier.