Jeremy Springman, PhD

Research Assistant Professor
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Applied researcher working to design, implement, and evaluate data-driven solutions to complex problems:

- 6 years experience hiring and managing teams of data science researchers, managing large-scale federal grants with multiple stakeholders, and delivering results that drive policy change and decision-making
- 10 years experience with causal inference and machine learning research design and execution
- Passionate about translating research into actionable recommendations to inform strategy

Work Experience

University of Pennsylvania, PDRI-DevLab

Research Assistant Professor   July 2024 – Present
Senior Research Associate & Director of Research   July 2022 – June 2024

- Acquired and managed $3.5 million in funding from federal and private research grants over 2 years
- Managed international collaborations across government agencies, universities, implementing partners, data collection firms, and stakeholders in multiple countries
- Oversaw development and deployment of data dashboards and early warning system (**Shiny**) to inform crisis response and policy planning (800 policymakers signed-up for newsletter)
- Designed, managed, and analyzed long-term RCTs and online experiments to measure success of client projects and generate insights on program design and administration
- Developed course and mentored students on causal inference + research tools (**R**, **Quarto**, **GitHub**)

Duke University, DevLab@Duke

Senior Research Associate   July 2021 – June 2022
Post-Doctoral Research Associate   January 2019 – June 2021

- Managed development of large-scale webscraping and highly-multilingual ML text classification pipeline (**Python** and **R**) to continuously monitor and forecast political instability in 63 countries
- Managed international RCT involving more than 120 local partners to measure program impact
- Programmed multi-lingual online survey experiments in Qualtrics (**Javascript**, **HTML**)
- Published 3 empirical research articles in peer-reviewed academic journals

Education

University of Pennsylvania
Ph.D. in Comparative Politics & International Relations   2019
University of Pittsburgh
B.A. in Politics & Philosophy (Honors College)   2012

Skills & Impact

- Invited public speaking engagements addressing hundreds of policymakers and researchers across more than a dozen agencies, international organizations, and universities in five countries
- Worked closely with government agency clients to design research and data products to solve problems
- Commissioned trial applying original data and time-series forecasting to guide budget and operations planning at U.S. Department of State
- Introduced public-facing data products used by policymakers and stakeholders to track political events and anticipate instability in developing countries
- Conducted RCTs to measure the efficacy of programs, advising for programs to be cancelled or scaled according to impact