

# Jeremy Springman

PDRI-DevLab

University of Pennsylvania

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📄: [jrspringman.github.io](https://jrspringman.github.io)

🌐: <https://github.com/jrspringman>

🔗: <https://shorturl.at/ixTW8>

I am a Research Professor eager to apply experimental and observational causal inference to drive financial inclusion with Tala. I have 10 years of experience leading applied research in emerging markets, including large-scale RCTs to improve financial capacity among non-profits in Cambodia and promote behavior change among students in Ethiopia with social networks. I have designed, implemented, and analyzed online experiments to understand individual and organization decision-making and worked with observational causal inference techniques including spatial difference-in-differences and generalized synthetic control. I also manage teams applying cutting-edge machine learning approaches to time-series forecasting and multilingual text classification.

## Experience

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### University of Pennsylvania, PDRI-DevLab

Research Assistant Professor

July 2024 – Present

Senior Research Associate & Director of Research

July 2022 – June 2024

- Led construction of a large, highly multilingual media corpus
- Fine-tuned transformer models for multilingual text classification
- Deployed public-facing early warning system to forecast emerging market political instability
- Provided policymakers with data dashboards generating 150 hours of monthly usage
- Attracted 1,200 unique users across 73 countries over 10 months
- Taught course on causal inference and data science

### Duke University, DevLab@Duke

Senior Research Associate

July 2021 – June 2022

Post-Doctoral Research Associate

July 2019 – June 2021

Pre-Doctoral Research Associate

January 2019 – July 2019

- Designed and analyzed RCT using matched-quadruplet randomization
- Collected and analyzed detailed data on organization networks and finances
- Fine-tuned transformer models for multilingual text classification

## Education

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### University of Pennsylvania

Ph.D. in Comparative Politics & International Relations

2019

M.A. in Political Science

2015

### University of Pittsburgh

B.A. in Politics & Philosophy (Honors College)

2012

## Refereed Academic Publications

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*The Political Economy of NGO Service Provision: Evidence from an Ancillary Field Experiment*  
World Politics, 2022 (DOI: S0043887122000107)

*The Effect of Government Repression on Civil Society: Evidence from Cambodia*

International Studies Quarterly, 2022 (DOI: sqac028)

First author (with Edmund Malesky, Lucy Right, and Erik Wibbels)

*Oil Discoveries and Political Windfalls: Evidence on Presidential Support in Uganda*

Political Science Research & Methods, 2023 (DOI: psrm.2023.14)

Second author (with Laura Paler, Guy Grossman, and Jan Pierskalla)

## **Under Review**

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*Pushing Back or Backing Down? Examining Donor Response to Restrictive NGO Legislation*

with Lucille Right and Erik Wibbels

Revise & Resubmit, *International Organization*

*Aid Flows and Incumbency Advantage: Evidence from NGO Projects in Uganda*

*Fostering Civic Engagement in Polarized, Autocratic Regimes: Evidence from a Field Experiment in Ethiopia*

with Sewareg Adamu, David Dow, Fitsum Hailu, Mesele Mengsteab, and Juan Tellez

*The Effect of Government Intervention on the Operational Decisions of NGOs: Evidence from a Survey Experiment in Three Electoral Autocracies*

with Erik Wibbels, Maria Nagawa, Graeme Robertson, and Simon Hollerbauer

*Foreign Influence by Authoritarian Governments: Introducing New Data and Evidence*

with Fatih Serkant Adiguzel, Mateo Villamizar Chaparro, Zung-Ru Lin, Donald Moratz, Diego Romero, and Erik Wibbels

## **Selected Policy Reports**

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*High Frequency Tracking of Civic Space Utilizing Domestic News Scraping and Large Language Model Classification*

Prepared for Swift Expertise and Grounded Analytics Task Order by USAID DRG Bureau  
November 2024

*Forecasting High-Level Travel Advisories with Machine Learning for Peace Data*

Prepared for Swift Expertise and Grounded Analytics Task Order by USAID DRG Bureau  
November 2024

*Zimbabwe Governance Indicators Analysis*

Prepared for USAID Zimbabwe

March 2024

*Resurgent Authoritarian Influence: Evidence from Machine-Generated, Cross-National Data*

Prepared for USAID Analytic Task on Authoritarian Resurgence and Influence

August 2023

*Radio and Social Media in Ghana Assessment Report*

Prepared for USAID Ghana

July 2023 (DEC ID: coming soon)

*The Effect of Social Ties on Engagement & Cohesion: Evidence from Ethiopian University Students*

Prepared for USAID Innovation, Technology, & Research Hub

April 2023 (DEC ID: PA-021155)

*Resiliency Cambodia Impact Evaluation Findings Report*

Prepared for USAID Cambodia

August 2022 (DEC ID: PA-00Z-KBD)

*Retrospective of USAID's Response to Pandemic-Enabled Democratic Backsliding*

Prepared for USAID Democracy, Human Rights, and Governance Center

January 2022 (DEC ID: PA-00Z-6HN)

## **Policy Writing**

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*Charting a Course for Applied Research in Peacebuilding*

First author (with Heather Huntington and Erik Wibbels)

Forthcoming in “A Positive Peace: Towards an Evidence-Based Peacebuilding” (United States Institute of Peace)

*Report of the Advisory Panel for the Governance of Human Rights Organizations*

With Mohamed Arafa and David Siegel (convened by Hazar Yueksel for Amnesty International)

SocArXiv DOI: 10.31235

## **External Awards & Grants**

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### **United States Department of Defense Minerva Research Initiative**

Modeling Climate-Induced Societal Adaptation and Population Displacement with New Machine-Coded Environmental Event Data: \$1,600,000 *with Erik Wibbels and Iriana Marinov*

### **Open Society Foundations**

Special Projects & Crisis Response: \$250,000\* *with Erik Wibbels*

### **USAID Democracy, Human Rights, and Governance Bureau**

- Tracking Authoritarian Resurgence and Democratic Institutions and Spaces: \$890,000\*
- Distinguishing Legitimate, Superficial, and Fabricated Anti-corruption Campaigns: \$46,690
- Central American Regional Media Project Impact Evaluation: \$75,554 (Phase 1-2)
- Zimbabwe Governance Indicators Analysis: \$37,894
- Swift Expertise and Grounded Analytics: \$500,000\*
- Analytic Task on Authoritarian Resurgence and Influence: \$99,737\*
- INSPIRES Flexible Response Funds: \$83,000\*

### **United States Agency for International Development (USAID) Bureau for Policy, Planning, and Learning**

Local Evaluation and Evidence Support (LEES): \$98,060

### **University of Antwerp**

Foreign Information Manipulation and Interference: \$12,500\*

### **USAID Ghana Monitoring Evaluation and Learning (MEL) Platform**

Radio Station Managers Survey: \$30,000\*

### **USAID Innovation, Technology, and Research Hub**

LASER PULSE (with Mesele Mengsteab, Juan Tellez, and David Dow): \$250,000

## **USAID Mission to Cambodia**

Local Organizations—Movement Towards Self-Reliance: \$225,000\*

## **National Science Foundation**

2018 - 2019 Doctoral Dissertation Research Improvement Grant (SES-1747642): \$14,996

## **Anonymous private philanthropic foundation**

2018 Research Grant: \$38,600

## **American Political Science Association Centennial Grant**

2017 - 2018 Grant Recipient: \$1,100 j **Teaching & Advising**

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## **University of Pennsylvania: Instructor**

Global Development: Intermediate Topics in Politics, Policy, and Data

Course website: [jrspringman.github.io/psci3200-globaldev/](https://jrspringman.github.io/psci3200-globaldev/) Fels Institute of Government Lab Capstone Partner

## **Local Evaluation and Evidence Support (LEES): Academic Lead**

LEES promotes localization of USAID activities by building the capacity of local partners and strengthening networks that connect these organizations.

## **Recent Invited Talks & Events**

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U.S. Department of State (Washington, D.C.)	Nov, 2024
Perry World House Forum (Washington, D.C.)	Oct, 2024
Vienna University of Economics and Business (Vienna, Austria)	Sept, 2024
International Civil Society Centre (Remote)	June, 2024
Leibniz Center for Informatics AI for Social Good Seminar (Wadern, Germany)	Feb, 2024
Foris International Ethical AI Manifesto Launch Event (Remote)	Nov, 2023
World Bank EngageFest Webinar (Remote)	Nov, 2023
United States Department of State (Remote)	Jul, 2023
Community of Democracies Enabling and Protecting Civil Society (Remote)	Jun, 2023
United Nations Data Strategy Community Series (Remote)	Jun, 2023
US Agency for International Development Tech Tuesdays Series (Remote)	Jun, 2023
United States Army 95th Civil Affairs Brigade (Fort Liberty, NC)	Jun, 2023
Social Impact Evidence for Impact Webinar Series (Remote)	May, 2023
Duke University US Army Governance Training (Durham, NC)	Feb, 2023
US Agency for International Development DRG Center (Washington, D.C.)	Feb, 2023
Vassar College Data Science & Society Colloquium (Poughkeepsie, NY)	Dec, 2022
Paris Peace Forum (Paris, France)	Nov, 2022
International Civic Forum (London, UK)	Nov, 2022
Big Data for Development & Governance Conference (Philadelphia, PA)	Oct, 2022
International Center for Not-for-Profit Law (Remote)	Jun, 2022

## **Invited Public Engagement**

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Amnesty International Advisory Panel for the Governance of Human Rights Organizations	2024
Foris International Ethical AI Manifesto Contributor	2024
3ie Civil Society Evidence Gap Maps Advisory Group Member	2023