

Sam Nunn School of International Affairs  
Georgia Institute of Technology  
☎ (404) 894-0289  
✉ david.muchlinski@inta.gatech.edu  
🌐 <http://davidmuchlinski.com>  
Updated July 27, 2022

# David Muchlinski

## ACADEMIC APPOINTMENTS

### Current Appointment

2018-present **Assistant Professor**, The Sam Nunn School of International Affairs, Georgia Tech, Atlanta, GA.

### Past Appointments

- 2017-2018 **Postdoctoral Research Associate**, University of New South Wales, Sydney, Australia.
- 2015-2017 **Postdoctoral Research Associate**, King's College London and University of Glasgow, United Kingdom.
- 2014-2015 **Adjunct Professor of Political Science**, University of Nebraska, Omaha, Omaha, Nebraska.

## EDUCATION

- Ph.D. **Arizona State University**, Tempe, AZ, 2013.  
School of Politics and Global Studies
- M.A. **Arizona State University**, Tempe, AZ, 2009.  
School of Politics and Global Studies
- B.A. **University of Redlands**, Redlands, CA, 2007.  
Department of Government and Department of Economics.  
Magna cum Laude, Phi Beta Kappa

## PUBLICATIONS

### Refereed Journal Articles

- 2022 Alfred Krzywicki, **David Muchlinski**, Benjamin E. Goldsmith, and Arcot Sowmya. "From Academia to Policy Makers: A Methodology for Real Time Forecasting of Infrequent Events" *Journal of Computational Social Science*, Accepted

- 2021 **Muchlinski, David**. “Swords and Plowshares: Property Rights, Collective Action, and Non-state Governance in the Jewish Community of Palestine 1920-1948”. *American Political Science Review* 115(4) 1373-1387
- 2021 **Muchlinski, David**, Xiao Yang, Sarah Birch, Craig Macdonald, and Iadh Ounis. “We Need to Go Deeper: Measuring Electoral Violence using Social Media and Convolutional Neural Networks” *Political Science Research and Methods* 9(1), 122-139
- 2020 Butcher, Charles, Ben Goldsmith, Sascha Nacholy, Arcot Sowmya, and **David Muchlinski**. “Introducing the Targeted Mass Killing Dataset for the Study and Forecasting of Mass Atrocities” *Journal of Conflict Resolution*, 64(7-8) 1524-1547
- 2020 Sarah Birch and **David Muchlinski** The Dataset of Countries at Risk of Electoral Violence, *Terrorism and Political Violence*, 32:2, 217-236
- 2019 **Muchlinski, David**, David Siroky, Matthew Kocher, and Jingrui He. “Seeing the Forest through the Trees” *Political Analysis* 27(1) 111-113
- 2018 Brich, Sarah, **David Muchlinski**. “Electoral Violence Prevention: What Works?” *Democratization* 25(3) 385-403. *Winner of the 2019 Frank Cass Best Article award*
- 2016 **Muchlinski, David**, David Siroky, Jingrui He, and Matthew Kocher. “Comparing Random Forest with Logistic Regression for Predicting Class Imbalanced Civil War Onset Data”. *Political Analysis* 24(1) 87-103
- 2014 **Muchlinski, David**. “Grievances and Opportunities: Religious Violence across Political Regimes”. *Politics and Religion* 7(4) 684-705

## Refereed Conference Proceedings

- 2021 Mai El-Sherief, Caleb Ziems, **David Muchlinski**, Vaishnavi Anupindi, Jordyn Seybolt, Munmun De Choudhury and Diyi Yang. “Latent Hatred: A Benchmark for Understanding Implicit Hate Speech”. *Proceedings of the 2021 Conference on Empirical Methods in Natural Language Processing (EMNLP)* 345-363
- 2020 Courtney Crooks, Matthew Canham, Tom McNeil, **David Muchlinski**, and Ben Sawyer. 2020. “Understanding Online Information Operations: Development of an Influence Network for Scientific Inquiry Testing Environment (INSITE)”. *2020 IEEE International Conference on Big Data (Big Data)*, 4318-4324.

## Book Chapters

- Forthcoming **Muchlinski, David**. “Machine Learning and Deep Learning in Political Science”. *Encyclopedia of Technology and Politics*. Andrea Ceron (Ed.) Edward Elgar Publishing LTD.

- 2019 **Muchlinski, David**. “The Politics and Effects of Religious Grievance”. Oxford Research Encyclopedia of Politics. Oxford University Press.
- 2017 Birch, Sarah, and **David Muchlinski**. “Electoral Integrity and Electoral Violence” in *Electoral Integrity and Political Regimes: Actors, Strategies, and Consequences*. Holly Ann Garnett and Margarita Zavadskaya (Eds.) Routledge Press.
- 2015 **Muchlinski, David**, and David Siroky. “Identity Politics on the World Stage” in *Encounters with World Affairs: an Introduction to International Relations*, E. Kavalski (Ed.). Ashgate Press, p. 295-309.

### Non Peer Reviewed Publications

- 2020 **Muchlinski, David**; Crooks, C. L.; De Choudhury, M.; Christofferson, R. C.; Kaslow, N. J. & Shrum, W. (June, 2020). Social Media Data, Machine Learning, and Predicting Online Disinformation Propagation. Research Agenda-Setting Paper presented to NSF CONVERGE COVID-19 Working Groups for Public Health and Social Sciences Research.

### Manuscripts in Submission

*under review at the Conference Proceedings of Empirical Methods in Natural Language Processing (EMNLP)*

*under review at American Political Science Review*

### Manuscripts in Preparation

VileLens: A Benchmark for Studying Incitement to Violence against Protected Communities

Reducing Mass Atrocities Through Transitional Justice

The Impact of Inter-generational Trauma on Russian and Ukrainian Cultural Identities

---

## EXTERNAL GRANTS AND AWARDS

- 2020 PI, Social Media Data, Machine Learning, and Predicting Online Disinformation Propagation. National Science Foundation CONVERGE Program. \$1,000
- 2019 Frank Cass Best Article award (2018) for the article “Electoral Violence Prevention: What Works?” published in *Democratization* 25(3) 385-403. £250
- 2017 Integrated Electoral Violence Forecasting Project, United States Department of State \$178,000, Co-I’s Sarah Birch, Jeffrey Fischer, and David Muchlinski

---

## INTERNAL GRANTS AND AWARDS

- 2022 PI, Independent Research and Development (IRAD) Early Researchers Program (HIVES) “Radicalization Against Democracy (RAD)” \$25,000
- 2022 PI, Small Grant for Research (SGR-B) “Radicalized Discourse in Social Media as Early Warning for Political Violence”, \$5,000
- 2021 PI, Digital Integrative Liberal Arts Center (DILAC) DILAC-A “Radicalization Against Democracy (RAD)” \$5,000
- 2020 Co-I, ”Community-Focused Assessment of the Experiential Impact of COVID-19”, Healthcare Innovation Program: Pandemic Proposal
- 2020 PI, Independent Research and Development (IRAD) Early Researchers Program (HIVES) ”Psychological Profiling with Social Media to Examine Offline Threats to Democratic Security”. \$25,000
- 2020 PI, Digital Integrative Liberal Arts Center (DILAC) DILAC-A “Dynamic Data Visualization for Interpretation of Social Networking Phenomena” \$5,000
- 2019 PI, Small Grant for Research (SGR-B) “Reducing Mass Atrocities through Transnational Justice”. \$4,500
- 2013 Dissertation Completion Grant, Arizona State University
- 2011 Blavatnik Family Foundation Award for Russian and Israeli Studies, Middlebury Language Institute
- 2011 Graduate Field Research Support Grant, Arizona State University

---

## MEDIA AND ADVOCACY

- 2022 Podcast: *Diaries of Social Data Research*, “Constructing a Taxonomy of Implicit Hate Speech Grounded in Social Theory” with Diyi Yang. <https://anchor.fm/diaries-soc-data-research/episodes/19-Constructing-a-Taxonomy-of-Implicit-Hate-Speech-Grounded-in-Social-Theory-with-Diyi-Yang-and-David-Muchlinski-e1111a0/a-a87s3io>
- 2018 News Media: *Washington Post*, “Violence around election time actually makes people more likely to vote” <https://www.washingtonpost.com/world/2018/11/05/violence-around-election-time-actually-makes-people-more-likely-vote/>

---

## INVITED PRESENTATIONS

- 2022 Invited Presentation: Texas Tech, October 28
- 2022 Data in Contentious Politics Workshop. The Ohio State University Mershon Center. January 18-19, 2022. *Virtual Event*

- 2020 “Comparing Stacking to Bayesian Model Averaging to Forecast Civil Conflict in Africa”. ViEWS Prediction Competition, Uppsala Sweden, October 8-9 *Virtual Event*
- 2019 “Machine Learning in Political Science”. ReSPoS Summer School, Milan Italy, June 26
- 2019 “Alternative Metrics for Evaluating Conflict Forecasts”. Prediction, Visualization, and Early Warning (PREVIEW) Workshop, January 29-30, Berlin, Germany
- 2018 “Predicting Low-Intensity Political Violence using Social Media”. Modern Event Data Development and Analysis Mini-Conference, American Political Science Association Meeting, Boston, August 29
- 2018 “Utilizing Proper Forecasting Metrics in Conflict Studies”. Workshop on Forecasting Political Violence, University College London, United Kingdom, May 18-19
- 2018 “Predicting Low-Intensity Political Violence using Social Media”. Australian National University. Canberra, Australia, April 26
- 2017 “Electoral Violence: Some Initial Hypotheses based on New Data”, Workshop on Electoral Violence, King’s College London, London, United Kingdom, March 3

## SELECTED CONFERENCE PRESENTATIONS

- 2022 “From Academia to Policy Makers: A Methodology for Real Time Forecasting of Infrequent Events”. International Studies Association, Nashville, Tennessee.
- 2022 “Authoritarian Elections, Electoral Integrity, and Political Instability: Dangerous Choices from the Menu of Manipulation?” Carolina’s Conflict Consortium, Columbia South Carolina
- 2021 “A Benchmark Dataset for Detecting and Explaining Implicit Hate Speech”. American Political Science Association, Seattle, Washington, *Virtual*
- 2020 “Reducing Mass Atrocities through Transnational Justice”. International Studies Association, Honolulu, Hawaii, *Cancelled due to COVID-19*
- 2019 “Quantifying the Responsibility to Protect: Evaluating Forecasts of Genocide Onset with Decision Curve Analysis”. American Political Science Association Meeting, Washington DC
- 2019 “Quantifying the Responsibility to Protect: Forecasting Genocide and Recommending Policy Options”. International Studies Association
- 2018 “Electoral Malpractice and Political Instability: Dangerous Choices from the Menu of Manipulation?”. American Political Science Association

- 2017 “How the Distribution of Property Rights Affects Collective Action: Theory and Evidence from the Jewish Community of Palestine 1917-1948”, American Political Science Association
- 2016 “Uncertainty, Risk, and Electoral Violence”, European Consortium for Political Research, Prague, Czech Republic
- 2016 “Which Elections will be Violent? Forecasting Electoral Violence using the Cross-National Electoral Violence Dataset”, American Political Science Association
- 2016 “Assessing Electoral Prevention Strategies”, European Political Science Association Conference, Brussels, Belgium
- 2014 “On the Analysis of Comparative Historical Data”, Midwestern Political Science Association
- 2012 “The Relationship Between Regime Type and Violence Directed Against Religious Minorities”, Institute for the Study of Religion, Economics, and Society Workshop, Chapman University, California

## TEACHING EXPERIENCE

- 2018-present INTA 6003 Empirical Research Methods (Intro Research Methods)
- 2019-present INTA 2010 Empirical Methods (Undergrad Research Methods)
- 2020-present INTA 6450 Data Analytics and Security (Maximum Likelihood Seminar)
- 2023-present INTA 8001 Sci, Tech & Int'l Affairs II (OLS Regression Seminar)
  - 2021 INTA 4803/8803 Political Violence and Civil War
  - 2022 INTA 2120 Introduction to International Security

## SERVICE

### Service to the Profession

- Chair: ISA 2022
- Discussant: ISA 2022, APSA 2022
- Manuscript Reviewer in British Journal of Political Science, Political Science Research and Methods
- 2022 for:

### Service to Georgia Tech

- 2002 Search Committee International Security
- 2022 Search Committee International Political Economy
- 2022 Stood for Election to University-Wide Student Honor Committee (Not Elected)

- 2018-2020 Undergraduate Student Committee, Steering Committee, Awards Committee, Sam Nunn School of International Affairs, Georgia Institute of Technology
- 2021-present Graduate Committee, Sam Nunn School of International Affairs, Georgia Institute of Technology

## Ph.D. Students Advised

- 2022 Wesley Meredith. Dissertation title: “US and China in Africa: How Aid and Official Development Finance is a Tool of Great Power Competition”

## NONACADEMIC WORK

- 2017 Creative Associates International, Consultant

## LANGUAGE SKILLS

- Human: Hebrew (Limited), English (Native)
- Computer: R: `tidyverse`, `tidytext`, `caret`, `word2vec`, `keras`, `huggingface`,  $\LaTeX$

## REFERENCES

References available upon request