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David Muchlinski

ACADEMIC APPOINTMENTS

Current Appointment

2026-present **Associate Professor**, The Sam Nunn School of International Affairs, Georgia Tech, Atlanta, GA.

Past Appointments

2018-2026 **Assistant Professor**, The Sam Nunn School of International Affairs, Georgia Tech, Atlanta, GA.

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

2025 Greenstein, Claire, and **David Muchlinski**. "Reducing Mass Atrocities through Transitional Justice", *Journal of Human Rights*, 24(2), 254-270

2025 Hegre, Håvard et al. with 38 co-authors, "The 2023/24 VIEWS Prediction Challenge: Predicting the Number of Fatalities in Armed Conflict, with Uncertainty", *Journal of Peace Research* 62(6), 2070-2087.

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*, 5:1489-1510

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 Nanlohy, 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

2024 "Silent Signals, Loud Impact: LLMs for Word-Sense Disambiguation of Coded Dog Whistles". Julia Kruk, Michela Marchini, Rijul Magu, Caleb Ziems, **David Muchlinski**, Diyi Yang. *Proceedings of the 62nd Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers)*

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

2022 **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

Manuscripts in Preparation

Ethnic and National Identity Distribution and Targeted Mass Killing

Automating War and Peace: Introducing an AI Agent for Conflict Forecasting

Forced Starvation During Targeted Mass Killing Events: A New Dataset

EXTERNAL GRANTS AND AWARDS

2025 "DELPHI: Leveraging AI Agents and Foundation Models for Conflict Prediction", National Science Foundation, *under review*

2024 "SCOPE: Supercharging Conflict Prediction and Explanability using Advanced AI". National Science Foundation, Security and Preparedness program. *Rejected*

2024 "Project TimeBase: Systematically Mapping and Modeling Temporal Differences in Strategic Thinking, Signaling, Evaluation, and Outcomes Between the U.S., Russia, and China". Department of Defense Minerva Grant. Co-Investigator. $999,084 total budget, $499,084 Georgia Tech budget, $40,946 personal share. *Canceled by Trump Administration*

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

2026 "Fine Tuning Conflict Forecasting Models with AI Agents", Neal Family Endowment, Sam Nunn School of International Affairs, $12,390

2023 PI, Independent Research and Development (IRAD) Early Researchers Program (HIVES). "Which Messages Radicalize? Assessing the Language of Far-Right Extremism on Social Media and is Impacts on Democracy" $20,000

2023 PI Short-term Opportunity for Professional Development and Scholarly Activities (SODA) "What Messages Radicalize? Connecting Messages across Domains to Radicalization Against Democracy among Extremists on Social Media" $5,000

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

2024 "Competition Highlights Work of Georgia Tech Researcher Helping Drive Improvements in the Science of Conflict Forecasting", Georgia Tech Daily Digest, Dec. 4, 2024

2024 "Why Telegram's CEO was detained in France" Vox

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-e1l11a0/a-a87s3io

2020 "Georgia Tech Researcher Uses Machine Learning in Search for Ways to Predict Political Violence", Georgia Tech Daily Digest, Sep. 9, 2020

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

2024 "A Zero-Inflated Generalized Additive Model to Predict Conflict Related Fatalities", University of Florida, March 3, 2024

2023 "Zero the Hero: Using Conflict Event Data and a Zero-Inflated Generalized Additive Model to Predict Conflict Fatalities" VIEWS Prediction Challenge, Berlin, Germany, October 10-11

2023 "Early Warning for Electoral Violence". United Nations Working Group on Enforced or Involuntary Disappearances during the 131st Session of the Office of the High Commissioner for Human Rights

2022 "Discussing Radicalization in Online Communities". Free Market Institute: Texas Tech, November 11

2022 Data in Contentious Politics Workshop. The Ohio State University Mershon Center. January 18-19. *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

2026 "Yoking the Beast: Harnessing the Potential of Large Language Models to Inform Theoretical Debates in Conflict Studies", Crisis and Conflict Early Warning Workshop, Berlin, Germany

2026 "Forced Starvation during Targeted Mass Killing Events: A New Dataset", American Political Science Association, Boston, Massachusetts

2026 "DELPHI: Introducing an AI Agent for Conflict Forecasting", Carolinas Conflict Consortium, Atlanta, Georgia

2026 "Understanding (and Improving) How Ethnic Fractionalization Helps Predict Genocide", International Studies Association, Columbus, Ohio

2026 "DELPHI: Introducing an AI Agent for Conflict Forecasting", Southern Political Science Association, New Orleans, Louisiana

2025 "Automating War and Peace: Introducing an AI Agent for Conflict Forecasting", European Political Science Association, Madrid, Spain

2025 "A Large Language Model for Measuring Political Radicalization", Southern Political Science Association, San Juan, Puerto Rico

2024 "Forecasting Political Violence: Some Thoughts on Leading Indicators", International Studies Association, San Francisco, California

2024 "Reducing Mass Atrocities through Transnational Justice", Southern Political Science Association, New Orleans, Louisiana

2023 "What Messages Radicalize? Connecting Messages across Domains to Radicalization Against Democracy among Far-Right Extremists on Social Media". Comptext Conference, University of Strathclyde, Glasgow, Scotland, United Kingdom.

2023 "Assessing the Causes of Right-Wing Radicalization in Social Media". Southern Political Science Association, St. Petersburg, Florida

2022 "Latent Hatred: An Investigation of Right-Wing Rhetoric Driving Support for Political Violence on Parler". American Political Science Association, Montreal, Quebec, Canada

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

INTA 2010 Empirical Methods

INTA 2120 Introduction to International Security

INTA 4803/8803 Political Violence and Civil War

INTA 6003 Empirical Research Methods (Graduate Research Design)

INTA 6004 Conflict Forecasting

INTA 6450 Data Analytics and Security (Maximum Likelihood Seminar)

INTA 8001 Sci, Tech & Int'l Affairs II (OLS Regression Seminar)

SERVICE

Service to the Profession

Chair: ISA, APSA

Discussant: SPSA, ISA, APSA

Manuscript Reviewer for: American Political Science Review, American Journal of Political Science, Journal of Politics, British Journal of Political Science, Political Analysis, Political Science Research and Methods, Politics and Research, Journal of Peace Research, Journal of Conflict Resolution, Comparative Political Studies, Conflict Management and Peace Science, Religion and Politics, Sociological Research and Methods, Nature: Human Behavior

Service to Georgia Tech

2024 Search Committee Data Analytics and Security

2022 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, Sam Nunn School of International Affairs, Georgia Institute of Technology

2021-present Graduate Committee, Steering Committee, Awards 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" *Position: Colonel, United States Air Force*

NONACADEMIC WORK

2017 Creative Associates International, Consultant

LANGUAGE SKILLS

Human: Hebrew (Limited), English (Native)

Computer: `R`, `LLMs`, LaTeX

REFERENCES

References available upon request