

# VITO D’ORAZIO

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## Employment

West Virginia University, Eberly College of Arts and Sciences  
Woodburn Associate Professor of Political Science and Data Science (July 2022 – Present)  
University of Texas at Dallas, School of Economic, Political, and Policy Sciences  
Associate Professor of Political Science (August 2021 – July 2022)  
Assistant Professor of Political Science (August 2015 – July 2021)  
Harvard University, Institute for Quantitative Social Science  
Postdoctoral Researcher (January 2014 – June 2015)  
Visiting Research Fellow (July 2013 – December 2013)

### *Additional Affiliations*

Research Fellow, Modern War Institute at West Point (September 2024 – August 2025)

## Education

Pennsylvania State University	Political Science	Ph.D.	2013
Pennsylvania State University	Political Science	M.A.	2010
Binghamton University	Political Science	B.A.	2008
Nassau Community College	Liberal Arts	A.A.	2006

## Achievements in Original Research

### *Peer-Reviewed Journal Publications*

2025. “Extractive Versus Generative Language Models for Political Conflict Text Classification.” Patrick T. Brandt, Sultan Alsarra, Vito D’Orazio, Dagmar Heintze, Latifur Khan, Shreyas Meher, Javier Osorio, and Marcus Sianan. *Political Analysis* forthcoming.

2025. “Multilingual Approaches to Extractive Question Answering in Political Texts.” Sultan Alsarra, Mubarak Alrashoud, Javier Osorio, Vito D’Orazio, Latifur Khan, Patrick T. Brandt. *Computational and Mathematical Organization Theory*. doi.org/10.1007/s10588-025-09408-2.

2025. “Elections and Anti-Refugee Violence in Germany from 2014-2020.” Vito D’Orazio, Soham Das, and Nils Roemer. *Terrorism and Political Violence*: 1-19.

2024. “The 2023/24 VIEWS Prediction Challenge: Predicting the Number of Fatalities in Armed Conflict, with Uncertainty.” Håvard Hegre et al. *Journal of Peace Research*. doi.org/10.1177/00223433241300862.

- Research article introducing the second VIEWS prediction competition. The long list of co-authors includes competition organizers and participants.

2022. “Forecasting Conflict in Africa with Automated Machine Learning Systems.” Vito D’Orazio and Yu Lin. *International Interactions* 48(4): 714-738. doi.org/10.1080/03050629.2022.2017290.

- This research won the Violence Early Warning System’s subnational conflict forecasting competition for “predictive accuracy” and split the win for “originality.”

2022. “Conflict Forecasting with Event Data and Spatio-Temporal Graph Convolutional Networks.” Patrick Brandt, Vito D’Orazio, Latifur Khan, Yi-Fan Li, Javier Osorio, and Marcus Sianan. *International Interactions* 48(4): 800-822. doi.org/10.1080/03050629.2022.2036987

2021. “The MID5 Dataset, 2011-2014: Procedures, Coding Rules, and Description.” Glenn Palmer, Roseanne McManus, Vito D’Orazio, Michael Kenwick, Mikaela Karstens, Chase Bloch, Nick Dietrich, Kayla Kahn, Kellan Ritter, and Michael Soules. *Conflict Management and Peace Science* 39(4): 470-482. doi.org/10.1177/0738894221995743

2020. “Conflict Forecasting and Prediction.” Vito D’Orazio. *Oxford Research Encyclopedia of International Studies*. Oxford University Press. doi.org/10.1093/acrefore/9780190846626.013.514.

2020. “The Militarized Interstate Dispute Dataset: Putting Things in Perspective.” Glenn Palmer, Vito D’Orazio, Michael Kenwick, and Roseanne McManus. *International Studies Quarterly* 64(2): 480-481.

2020. “Updating the Militarized Interstate Dispute Data: A Response to Gibler, Miller, and Little.” Glenn Palmer, Vito D’Orazio, Michael Kenwick, and Roseanne McManus. *International Studies Quarterly* 64(2): 469-475.

2019. “Buying Blue Helmets: Foreign Aid and the Construction of UN Peacekeeping Missions.” Andrew Boutton and Vito D’Orazio. *Journal of Peace Research* 57(2): 312-328.

2019. “UTDEventData: An R package to access political event data.” HyungAh Kim, Vito D’Orazio, Patrick Brandt, Jared Looper, Sayeed Salam, Latifur Khan, and Michael Shoemate. *Journal of Open Source Software* 4(36): 1322. https://doi.org/10.21105/joss.01322

2018. “Who is a Terrorist? Ethnicity, Group Affiliation, and Understandings of Political Violence.” Vito D’Orazio and Idean Salehyan. *International Interactions* 44(6): 1017-1039.

2016. “Crowdsourcing the Measurement of Interstate Conflict.” Vito D’Orazio, Michael Kenwick, Matthew Lane, Glenn Palmer, and David Reitter. *PLOS ONE* 11(6): e0156527. doi.org/10.1371/journal.pone.0156527.

2015. “Kickoff to Conflict: A Sequence Analysis of Intra-State Conflict Preceding Event Structures.” Vito D’Orazio and James Yonamine. *PLOS ONE* 10(5): e0122472. doi.org/10.1371/journal.pone.0122472.

2015. "The MID4 Data Set, 2002-2010: Procedures, Coding Rules, and Description." Glenn Palmer, Vito D'Orazio, Michael Kenwick, and Matthew Lane. *Conflict Management and Peace Science* 32(2): 222-242.

2014. "Separating the Wheat from the Chaff: Applications of Automated Document Classification Using Support Vector Machines." Vito D'Orazio, Steven Landis, Glenn Palmer, and Philip Schrodtt. *Political Analysis* 22(2): 224-242.

– Reprinted in *Advances in Political Methodology* by Robert Franzese Jr. (ed). Northampton, MA: Edward Elgar Publishing

– Included in *Political Analysis* Virtual Issue 10, "Recent Innovations in Text Analysis for Social Science"

2012. "War Games: North Korea's Reaction to US and South Korean Military Exercises." Vito D'Orazio. *Journal of East Asian Studies* 12(2): 275-294.

#### *Peer-Reviewed Conference Publications*

2025. "A Framework for Comparing Vertex-Distribution Graphs: Insights for Social and Conflict Studies." Prasiddha Siwakota, Vito D'Orazio, and Ignacio Segovia-Dominguez. *2025 International Conference on Social Computing, Behavioral-Cultural Modeling and Prediction and Behavior Representation in Modeling and Simulation*, pp 163-172.

2025. "The Devil is in the Details: Assessing the Effects of Machine-Translation on LLM Performance in Domain-Specific Texts." Javier Osorio, Afraa Alshammari, Naif Alatrush, Dagmar Heintze, Amber Converse, Sultan Alsarra, Latifur Khan, Patrick T. Brandt and Vito D'Orazio. *Proceedings of Machine Translation Summit XX (MT Summit 2025)*, pp 315–332.

2024. "ConfiLPC: Logits and Parameter Calibration for Political Conflict Analysis in Continual Learning." Xiaodi Li, Niamat Zawad, Patrick T. Brandt, Javier Osorio, Vito D'Orazio, Latifur Khan. *2024 IEEE International Conference on Big Data (BigData)*, pp 6320-6329.

2024. "Keep it Local: Comparing Domain-Specific LLMs in Native and Machine Translated Text using Parallel Corpora on Political Conflict." Javier Osorio, Sultan Alsarra, Amber Converse, Afraa Alshammari, Dagmar Heintze, Naif Alatrush, Latifur Khan, Patrick T. Brandt, Vito D'Orazio, Niamat Zawad, Mahrusa Billah. *International Conference on Foundation and Large Language Models (FLLM2024)*, pp 542–552.

2024. "Leveraging Codebook Knowledge with NLI and ChatGPT for Zero-Shot Political Relation Classification." Yibo Hu, Erick Skorupa Parolin, Latifur Khan, Patrick Brandt, Javier Osorio, and Vito D'Orazio. *Proceedings of the 62nd Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers)*, pp 583-603.

2024. "Extractive Question Answering for Spanish and Arabic Political Text." Sultan Alsarra, Parker Whitehead, Naif Alatrush, Luay Abdeljaber, Latifur Khan, Javier Osorio, Patrick Brandt and Vito D'Orazio. *2024 International Conference on Social Computing, Behavioral-Cultural Modeling and Prediction and Behavior Representation in Modeling and Simulation*, pp 144-153.

– Won Best Paper Award at the 2024 SBP-BRiMS Conference

2023. “ConflIBERT-Spanish: A Pre-Trained Spanish Language Model for Political Conflict and Violence.” Wooseong Yang, Sultan Alsarra, Luay Abdeljaber, Niamat Zawad, Zeinab Delaram, Javier Osorio, Latifur Khan, Patrick T. Brandt, Vito D'Orazio. *7th IEEE Congress on Information Science and Technology (CiSt)*, pp 287-292.

2023. “ConflIBERT-Arabic: A Pre-trained Arabic Language Model for Politics, Conflicts and Violence.” Sultan Alsarra, Luay Abdeljaber, Wooseong Yang, Niamat Zawad, Latifur Khan, Patrick Brandt, Javier Osorio, Vito D'Orazio. *Proceedings of the 14th International Conference on Recent Advances in Natural Language Processing (RANLP)*, pp 99-108.

2022. “Confl-T5: An AutoPrompt Pipeline for Conflict Related Text Augmentation.” Erick Skorupa Parolin, Yibo Hu, Latifur Khan, Patrick Brandt, Javier Osorio, Vito D'Orazio. *IEEE International Conference on Big Data (IEEE BigData)*, pp 1906-1913.

2022. “ConflIBERT: A Pre-trained Language Model for Political Conflict and Violence.” Yibo Hu, Mohammad Saleh Hosseini, Erick Skorupa Parolin, Javier Osorio, Latifur Khan, Patrick Brandt, Vito D'Orazio. *Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL 2022)*, pp 5469-5482.

2022. “Multi-CoPED: A Multilingual Multi-Task Approach for Coding Political Event Data on Conflict and Mediation Domain.” Erick Skorupa Parolin, Mohammad Saleh Hosseini, Yibo Hu, Latifur Khan, Patrick Brandt, Javier Osorio, and Vito D'Orazio. *The 5th AAAI Conference on AI, Ethics, and Society (AAAI/ACM AIES 2022)*, pp 700-711.

2021. “Data-Driven Time Series Forecasting for Social Studies Using Spatio-Temporal Graph Neural Networks.” Yi-Fan Li, Bo Dong, Latifur Khan, Bhavani Thuraisingham, Patrick T. Brandt, and Vito D'Orazio. *Conference on Information Technology for Social Good (GoodIT '21)*, pp 61-66.

2021. “CoMe-KE: A New Transformers Based Approach for Knowledge Extraction on Conflict and Mediation Domain.” Erick Skorupa Parolin, Yibo Hu, Latifur Khan, Javier Osorio, Patrick T. Brandt, and Vito D'Orazio. *IEEE International Conference on Big Data (IEEE BigData)*, pp 1449-1459.

2021. “3M-Transformers for Event Coding on Organized Crime Domain.” Erick Skorupa Parolin, Latifur Khan, Javier Osorio, Patrick T. Brandt, Vito D'Orazio, and Jennifer Holmes. *2021 IEEE International Conference on Data Science and Advanced Analytics (DSAA)*, pp 1-10.

2021. “An Ecosystem of Applications for Modeling Political Violence.” Aline Bessa, Sonia Castelo, Rémi Rampin, Aécio Santos, Mike Shoemate, Vito D'Orazio, and Juliana Freire. *2021 ACM International Conference on Management of Data (SIGMOD)*, pp 2384-2388.

2020. “HANKE: Hierarchical Attention Networks for Knowledge Extraction in Political Science Domain.” Erick Skorupa Parolin, Latifur Khan, Javier Osorio, Vito D'Orazio, Patrick T. Brandt, and Jennifer Holmes. *2020 IEEE International Conference on Data Science and Advanced Analytics (DSAA)*, Sydney, pp 410-419.

2020. “Experiments with One-Class SVM and Word Embeddings for Document Classification.” Jingnan Bi, HyoungAh Kim, and Vito D'Orazio. *2020 International Conference on Social Computing, Behavioral-Cultural Modeling and Prediction and Behavior Representation in Modeling and Simulation*. Working paper.

sbp-brims.org/2020/proceedings/papers/working-papers/SBP-BRiMS\_2020\_paper\_42.pdf

2020. “Automatic Event Coding Framework for Spanish Political News Articles.” Sayeed Salam, Latifur Khan, Amir El-Ghamry, Patrick Brandt, Jennifer Holmes, Vito D'Orazio, and Javier Osorio. *2020 IEEE 6th Intl Conference on Big Data Security on Cloud (BigDataSecurity)*, IEEE Intl Conference on High Performance and Smart Computing, (HPSC) and IEEE Intl Conference on Intelligent Data and Security (IDS), Baltimore, MD, pp 246-253.

2019. “Modeling and Forecasting Armed Conflict: AutoML with Human-Guided Machine Learning.” Vito D'Orazio, James Honaker, Raman Prasad, and Michael Shoemate. *IEEE Big Data: 3rd International Workshop on Big Data Analytics for Cyber Intelligence and Defense (BDA4CID)*, Los Angeles, CA, pp 4714-4723.

2019. “Towards Human-Guided Machine Learning.” Yolanda Gil, James Honaker, Shikhar Gupta, Yibo Ma, Vito D'Orazio, Daniel Garijo, Qifan Yang, and Neda Jahanshad. *2019 ACM Intelligent User Interfaces (IUI)*, Los Angeles, CA, pp. 614-624.

2018. “TwoRavens for Event Data.” Vito D'Orazio, Marcus Deng, and Michael Shoemate. *2018 IEEE International Conference on Information Reuse and Integration (IRI)*, Salt Lake City, UT, pp. 394-401.

2017. “RePAIR: Recommend Political Actors in Real-time From News Websites.” Mohuiddin Solaimani, Sayeed Salam, Latifur Khan, Patrick T. Brandt, and Vito D'Orazio. *2017 IEEE International Conference on Big Data (Big Data)*, Boston, MA, pp. 1333-1340.

2017. “Apart: Automatic Political Actor Recommendation in Real-Time” Mohuiddin Solaimani, Sayeed Salam, Latifur Khan, Patrick T. Brandt, and Vito D'Orazio. *2017 International Conference on Social Computing, Behavioral-Cultural Modeling and Prediction and Behavior Representation in Modeling and Simulation*, pp. 342-348.

2015. “Error-Correction and Aggregation in Crowd-Sourcing of Geopolitical Incident Information.” Alexander Ororbia, Yang Xu, Vito D'Orazio, and David Reitter. *2015 International Conference on Social Computing, Behavioral-Cultural Modeling, and Prediction*, pp. 381-387.

2014. “Statistical Modeling by Gesture: A Graphical, Browser-based Statistical Interface for Data Repositories.” James Honaker and Vito D'Orazio. *Extended Proceedings of ACM Hypertext 2014*.

### Book Chapters

2025. “Introduction: Policy Priorities and Prediction.” Patrick J. Sullivan, Max Z. Margulies, and Vito D'Orazio. In *Expecting the Unexpected: Identifying Blind Spots and Preparing for Strategic Surprise in the 21<sup>st</sup> Century*, eds. Max Z. Margulies and Patrick J. Sullivan. West Point Press.

*Original software*

*ConflBERT Family of Language Models*. Domain-specific, multi-language large language models developed for analysis of conflict-related text. Project site: [eventdata.utdallas.edu](http://eventdata.utdallas.edu). Models: [huggingface.co/eventdata-utd](https://huggingface.co/eventdata-utd).

*TwoRavens* (with James Honaker). System of interlocking statistical tools for data exploration, analysis, and meta-analysis. Project site: <http://2ra.vn>. Demo: [demo.2ravens.org](http://demo.2ravens.org).

*TwoRavens for Event Data*. Quick subset and aggregation of event data. Demo: [eventdata.2ravens.org](http://eventdata.2ravens.org).

*UTDEventData* (with Hyoungh Ah Kim, Patrick Brandt, Jared Looper, Sayeed Salam, Latifur Khan, and Michael Shoemate). R library to access the political event data repository at UTD. Github: [github.com/KateHyoung/UTDEventData](https://github.com/KateHyoung/UTDEventData). Project site: [eventdata.utdallas.edu/](http://eventdata.utdallas.edu/).

*PreText*. Software for the representation and automated classification of text. Github: [github.com/vjdorazio/PreText](https://github.com/vjdorazio/PreText).

*Data Projects*

*Militarized Interstate Disputes* (collaborative). [correlatesofwar.org/data-sets/MIDs](http://correlatesofwar.org/data-sets/MIDs).

*Multinational Military Exercises* (with Kevin Galambos). [dataverse.harvard.edu/dataverse/mme](http://dataverse.harvard.edu/dataverse/mme).

*UTDEventData* (collaborative). Github: [github.com/eventdata](https://github.com/eventdata). Project site: [eventdata.utdallas.edu/](http://eventdata.utdallas.edu/).

*Unrefereed Manuscripts*

2020. "Towards Evaluating Exploratory Model Building Process with AutoML Systems." Sungsoo Ray Hong, Sonia Castelo, Vito D'Orazio, Christopher Benthune, Aecio Santos, Scott Langevin, David Jonker, Enrico Bertini, Juliana Freire. *arXiv*. DOI: 10.48550/arXiv.2009.00449.

2020. "Multinational Corporations and Political Violence: Trends and Forecasts." Alero Akporiaye, Vito D'Orazio, and Clint Peinhardt. *SocArXiv*. DOI: 10.31235/osf.io/srgeb.

2020. "An Online Structured Political Event Dataset based on CAMEO Ontology." Sayeed Salam, Patrick Brandt, Vito D'Orazio, Jennifer Holmes, Javier Osorio, Latifur Khan. *SocArXiv*. DOI: 10.31235/osf.io/vrt4a.

2016. "Constraining Cooperation: Military Integration and Government Repression." Vito D'Orazio. *SocArXiv*. DOI: 10.31235/osf.io/38qhm.

2015. "Advancing Measurement of Foreign Policy Similarity." Vito D'Orazio. *SocArXiv*. DOI: 10.31235/osf.io/fuet4.

2015. "Differential Privacy for Social Science Inference." Vito D'Orazio, James Honaker, and Gary King. Sloan Foundation Economics Research Paper No. 2676160, Available at SSRN: <https://ssrn.com/abstract=2676160> or <http://dx.doi.org/10.2139/ssrn.2676160>. July 24, 2015.

2014. “A Latent Measure of Political Protest.” Erica Chenoweth, Vito D’Orazio, and Joseph Wright. Technical report, Political Instability Task Force. *SocArXiv*. DOI: 10.31235/osf.io/2wqfb.

## External Funding for Original Investigations

- 2024 - 2027 *Collaborative Research: The Militarized Dispute Data: 2015-2024 and Beyond*  
National Science Foundation # SBE-SES 2241827 (\$633,260)  
Role: PI  
Collaborators: Paul Bezerra, Alex Braithwaite, Faten Ghosn
- 2023 - 2026 *Frameworks: Infrastructure For Political And Social Event Data using Machine Learning*  
National Science Foundation # OAC-2311142 (\$1,589,016)  
Role: Co-PI (\$191,661 to WVU)  
Collaborators: Patrick Brandt, Latifur Khan, Javier Osorio
- 2020 - 2022 *Sustaining Modern Infrastructure for Political and Social Event Data*  
National Science Foundation # OAC-1931541 (\$588,032)  
Role: Co-PI  
Collaborators: Patrick Brandt, Jennifer Holmes, Latifur Khan, Javier Osorio
- 2017 - 2021 *TwoRavens: Intuitive Statistical Exploration, Model Extraction, and Curation*  
DARPA Data-Driven Discovery of Models # FA8750-17-2-0114 (\$1,700,000)  
Role: Co-PI (\$321,348 to UTD)  
Collaborators: James Honaker
- 2019 - 2020 *Spark-based Political Event Coding*  
National Science Foundation # SES-170012 Renewal  
XSEDE resource allocation estimated by NSF at \$125,516  
Role: Co-PI  
Collaborators: Patrick Brandt, Latifur Khan
- 2015 - 2018 *Updating the Militarized Dispute Data Through Crowdsourcing: MID5*  
National Science Foundation # SBE-SES-1528624 (\$1,057,785)  
Role: Principal Investigator (\$367,432 to UTD)  
Collaborators: Glenn Palmer, David Reitter
- 2015 - 2018 *Modernizing Political Event Data for Big Data Social Science Research*  
National Science Foundation # SBE-SMA-1539302 (\$1,497,358)  
Role: Senior Personnel  
Collaborators: Patrick Brandt, Jennifer Holmes, Latifur Khan, Vincent Ng
- 2017 - 2018 *Spark-based Political Event Coding*  
National Science Foundation # TG-SES-170012 (630,720 SUs)  
XSEDE resource allocation estimated by NSF at \$105,267  
Role: Co-PI  
Collaborators: Patrick Brandt, Latifur Khan

## Lectures, Presentations, and Workshops

*Lectures, Presentations, and Workshops*

- 2025 University of Oslo, Peace Science Infrastructure Workshop  
APSA Virtual Research Group, Computational Tools in Political Science  
US Holocaust Memorial Museum, ISA Workshop, Atrocity Prevention Strategies  
West Virginia University, Bridging Mountains, Artificial Intelligence
- 2024 US Military Academy, Modern War Institute, War Studies Conference  
National Science Foundation, CSSI PI Meeting  
University of Georgia, Conference on Measuring and Predicting Political Violence  
Trinity College Dublin, PaCE Conflict Forecasting Workshop
- 2023 German Federal Foreign Office, VIEWS Forecasting Competition  
University of Oslo, Peace Science Infrastructure Workshop  
US State Department, Conflict and Stabilization Operations  
West Virginia University, ChatGPT and the Future of Education (panel)
- 2022 University of Nevada, University Forum Lecture  
National Science Foundation, CSSI PI Meeting
- 2021 University of Virginia, School of Data Science  
West Virginia University, Data Science and Political Science  
National Chung Hsing University (Taiwan), Data Analytics Colloquium  
DARPA MILEI Soft Kickoff Meeting
- 2020 Uppsala University, ViEWS Forecasting Competition  
Microsoft, AI for Good  
National Chung Hsing University (Taiwan), Global Sustainability Management  
DARPA Data-Driven Discovery of Models Summer Workshop  
US State Department, Center for Analytics  
US State Department, Conflict and Stabilization Operations  
University of Texas at Dallas, ATEC Watering Hole Series  
Bill and Melinda Gates Foundation, World Modelers Conference  
DARPA Data-Driven Discovery of Models Winter Workshop
- 2019 Purdue University, Department of Political Science  
DARPA Data-Driven Discovery of Models Summer Workshop  
University of Texas at Dallas, EPPS Advisory Committee  
University of North Texas, Department of Political Science  
DARPA Data-Driven Discovery of Models Winter Workshop
- 2018 American Political Science Association Event Data Workshop  
DARPA Data-Driven Discovery of Models Summer Workshop  
Peace Science Society, Militarized Interstate Dispute Workshop  
University of Delaware, Data Science Institute  
DARPA Data-Driven Discovery of Models Winter Workshop
- 2017 Harvard University, Privacy Tools for Sharing Research Data Workshop  
DARPA Data-Driven Discovery of Models Summer Workshop  
London School of Economics, Transnational Conflict Data Workshop  
Harvard University, Dataverse Community Meeting  
DARPA Data-Driven Discovery of Models Kickoff Event  
Ohio State University, Democracy, the State, and Protest
- 2016 Baylor University, Texas Digital Library Data Symposium  
Harvard University, Dataverse Community Meeting



- Political Instability Task Force, Machine-Learning and Automated Data Collection  
 University of Texas at Dallas, Seventh Conference on Political Violence and Policy  
 University of Houston, Political Economy of Risk Conference  
 Pennsylvania State University, Militarized Interstate Dispute Workshop  
 University of Central Florida, Department of Political Science  
 2015 University of Texas at Dallas, Event Data Workshop  
 Harvard University, Dataverse Community Meeting  
 University of Navarra (Spain), Economics, Leadership, and Governance Program  
 2014 University of Texas at Dallas, School of Economic, Political, and Policy Studies  
 University of Exeter (United Kingdom), Department of Politics  
 Wesleyan University, Quantitative Analysis Center  
 University of California at Davis, Militarized Interstate Dispute Workshop  
 Political Instability Task Force Winter Workshop  
 Kansas State University, Department of Political Science

### *Conference Participation–Presentations*

- |                                        |                                                                                                            |
|----------------------------------------|------------------------------------------------------------------------------------------------------------|
| American Political Science Association | 2011, 2012 (conference canceled), 2013 (poster),<br>2015, 2018, 2023, 2025                                 |
| Peace Science Society                  | 2010 (poster), 2012, 2013, 2014 (workshop),<br>2015 (poster), 2016, 2018, 2022 (workshop), 2025 (workshop) |
| International Studies Association      | 2011, 2013, 2014, 2017, 2019, 2022, 2023, 2024, 2025                                                       |
| Political Methodology                  | 2012 (poster), 2015, 2017 (poster), 2018                                                                   |
| Midwest Political Science Association  | 2010, 2011, 2012, 2015, 2017, 2018                                                                         |
| Texas Triangle                         | 2016, 2017, 2020, 2021                                                                                     |
| APSA Teaching and Learning             | 2016                                                                                                       |
| Peace Science Society (Asia)           | 2016                                                                                                       |
| Southern Political Science Association | 2019, 2021                                                                                                 |
| Text as Data                           | 2021 (poster)                                                                                              |

### *Conference Participation–Discussant*

- |                                        |                        |
|----------------------------------------|------------------------|
| International Studies Association      | 2014, 2019, 2022, 2023 |
| Midwest Political Science Association  | 2015, 2017             |
| St. Louis Area Methods Meeting         | 2018                   |
| American Political Science Association | 2018, 2025             |
| Southern Political Science Association | 2019, 2021             |

## **Teaching**

### *West Virginia University*

- 2025, Fall, POLS 493C, Prediction for Political Science  
 2025, Fall, DSCI 309, Applied Machine Learning  
 2025, Spring, POLS 793B, International Conflict

2025, Spring, DSCI 301, Databases for Data Science  
 2024, Fall, POLS 493C, Prediction for Political Science  
 2024, Fall, DSCI 393A, Machine Learning for Modeling and Prediction  
 2024, Spring, POLS 461, Transformation of War  
 2024, Spring, DSCI 301, Databases for Data Science  
 2023, Fall, POLS 493C, Prediction for Political Science  
 2023, Fall, DSCI 393A, Machine Learning for Modeling and Prediction  
 2023, Spring, POLS 793B, International Conflict  
 2023, Spring, DSCI 301, Databases for Data Science

*University of Texas at Dallas*

2022, Spring, EPPS 6316, Applied Regression  
 2022, Spring, PSCI/PPPE 6302, Political Violence and Conflict in Cyberspace  
 2021, Fall, EPPS 6355, Content Analysis  
 2021, Fall, PSCI 4396, War in Afghanistan  
 2021, Spring, EPPS 6316, Applied Regression  
 2021, Spring, PSCI/PPOL 4302, Data and Policy  
 2020, Fall, PSCI/PPPE 6302, Political Violence and Conflict in Cyberspace  
 2020, Spring, EPPS 6316, Applied Regression  
 2020, Spring, PSCI 4359, International Conflict  
 2019, Fall, PSCI 3328, International Relations  
 2019, Fall, PSCI 7330, International Conflict  
 2019, Spring, EPPS 6316, Applied Regression  
 2019, Spring, PSCI 4302, Data and Policy  
 2018, Fall, EPPS 6359, Concepts and Measurement  
 2018, Fall, PSCI 3328, International Relations  
 2018, Spring, EPPS 6316, Applied Regression  
 2018, Spring, PSCI 4359, International Conflict  
 2017, Fall, PSCI 4302, Data and Policy  
 2017, Fall, PSCI 3328, International Relations  
 2017, Spring, EPPS 6316, Applied Regression  
 2016, Fall, PSCI 7330, International Conflict  
 2016, Fall, PSCI 3328, International Relations  
 2016, Spring, EPPS 7V81, Concepts and Measurement  
 2015, Fall, PSCI 3328, International Relations

*University of Navarra*

2015, Winter, Scientific Study of International Relations (2 week course)

*Pennsylvania State University*

2012, Summer, Introduction to International Relations

*Doctoral advisement/direction:*

Ani Tepnadze	Dissertation defended Summer 2025 Application of Machine Learning and Natural Language Processing to Understand the Partisan Mobilization of Ethnic Minorities
Kevin Galambos	Dissertation defended Fall 2023 (UT Austin) Three Essays on Multinational Military Exercises
Aaron Lebo	Dissertation defended Spring 2023 Comprop: Computational Propaganda on reddit.com (2013-2022)
Erjok Erjok	Dissertation defended Spring 2023 The Al-Shabaab Terrorism Spillover from Somalia and its Impact on Kenya
Grace Beatrice Mueller	Dissertation defended Summer 2022 Dimensions of Cybersecurity: Espionage, Rivalry, and Political Economy
Sara Johnson	Dissertation defended Spring 2022 High-Speed Rail in Texas: An Analysis of Public Opinion and Rural Opposition
Yu Lin	Dissertation defended Fall 2021 Deep 3D-aware Point Cloud Generation and its Applications
Brent J. Sackett	Dissertation defended Fall 2020 Who Pays? Who Benefits? NATO Burden-Sharing in the Third Phase: Crisis Response and Asymmetric Military Capabilities
Danielle Zaychik	Dissertation defended Fall 2020 Three Studies in Disaster Mortality and Mortality Data
Misty Parker	Dissertation defended Summer 2020 'Stereotyping' the American Electorate: An Examination of What Drives Turnout in the Electoral Periphery
Soham Das	Dissertation defended Summer 2020 Ethnic Conflict: Multimethod Analysis of Underlying and Facilitating Conditions
Austin Kingsolver	Dissertation defended Summer 2019 Polarization and the Supreme Court
Randell Torno	Dissertation defended Winter 2017 The Arc of Conflict: Three Articles on the "Life" of a Conflict

## Professional Service

### *Member*

External Advisory Board, "Democratizing Access to Research Software Engineering" (NSF # 241814) at the University of Delaware, 2025-2026

Advisory Board, Correlates of War, 2021-2023

Program Committee, Social Computing, Behavioral-Cultural Modeling & Prediction and Behavior Representation in Modeling and Simulation (SBP-BRiMS), 2019, 2020, 2021, 2022, 2023, 2024, 2025

Program Committee, IEEE Data Science and Advanced Analytics (DSAA), 2022

*Journal Reviewer*

American Journal of Political Science, Comparative Political Studies, Conflict Management and Peace Science, F1000 Research, Foreign Policy Analysis, International Interactions, International Peacekeeping, International Security, International Studies Quarterly, International Studies Review, Journal of Conflict Resolution, Journal of East Asian Studies, Journal of Peacebuilding and Development, Journal of Peace Research, Journal of Politics, Media War and Conflict, Oxford Research Encyclopedia of International Studies, PLOS ONE, Political Analysis, Political Research Quarterly, Political Science Research and Methods, Proceedings of National Academy of Sciences, Public Choice, Public Opinion Quarterly, Research and Politics, Social Science Computer Review

*Grant Reviewer*

National Science Foundation, Swiss National Science Foundation, Sloan Foundation

*University and Department Service—West Virginia University*

Member, Political Science, Faculty hiring committee, 2025-present  
 Member, Math and Data Science, Assessment Committee, 2025-present  
 Member, Political Science, Graduate Program Committee, 2025-present  
 Member, Political Science, Faculty Evaluation Committee, 2024-2025  
 Member, Math and Data Science, Graduate Program Design, 2023-2024  
 Member, Math and Data Science, Undergraduate Program Committee, 2023-2024  
 Member, Math and Data Science, Faculty hiring committee, 2022-2023

*University and Department Service—University of Texas at Dallas*

Committee Member, Institutional Review Board, 2021-2022  
 Committee Member, Methodological Qualifying Exam, 2017-2022  
 Committee Member, 3rd Year Review, 2021  
 Outside Chair, Dissertation in Economics, 2020  
 Founder and Organizer, Working Paper Series, 2018-2021  
 Committee Member, EPPS new faculty search, 2018, 2019, 2020  
 Ad Hoc Committee Member, Peace and Conflict Studies concentration, 2015-present  
 Outside Chair, Dissertation in Arts and Technology, Spring 2017  
 Outside Chair, Dissertation in Behavioral and Brain Sciences, Fall 2018

*University and Department Service—Penn State University*

President, Graduate Association of Political Science, 2011-2012  
 Founder and Organizer, Political Methodology Brown Bag, 2011-2012

## Awards

2024. Best Paper Award at the SBP-BRiMS Conference for “Extractive Question Answering for Spanish and Arabic Political Text.”

2023 - 2024. Woolwine Fund to support the Militarized Interstate Dispute Project (\$25,000).

2023. Woolwine Fund to support conference travel (\$2,579).

2021. J. David Singer Data Innovation Award: Militarized Interstate Dispute (MID) Data. American Political Science Association, Conflict Processes Section. Awarded to Glenn Palmer and the MID team: Charles Gochman, Daniel Jones, Faten Ghosn, J. David Singer, Matthew Lane, Michael Kenwick, Mikaela Karstens, Roseanne McManus, Stuart Bremer, Vito D'Orazio, Zeev Maoz

2013 - 2014. *Using Crowdsourcing To Measure Complex Social Concepts: A Pilot Study*. Vito D'Orazio, Glenn Palmer, David Reitter, and Michael Schmierbach. Social Science Research Institute at Penn State (\$20,000).

2012. Dissertation support grant. College of Liberal Arts at Penn State (\$2,000).

2011 - 2012. Predoctoral Fellowship. Quantitative Social Science Initiative, Penn State University.

2012. Summer Graduate Research Award. Department of Political Science, Penn State University.

2011. ISA Travel Grant awarded for *War Games*. International Studies Association.

2008 - 2009. Florence and Angelo Paterno Graduate Fellowship. Department of Political Science, Penn State University.

## Graduate and Undergraduate Research Experience

2012–2013	Joseph Wright	Regional Dynamics and Regime Disruption in Dictatorships
2009–2011	Glenn Palmer	Militarized Interstate Dispute 4 Project
Summer 2010	Philip Schrodtt	Integrated Crisis Early Warning Systems
Spring 2007	David Cingranelli	CIRI Human Rights Dataset

## Additional Training

*University of Michigan*, ICPSR  
Game Theory I and II (Summer 2009)

*Binghamton University*, Middle East and North African Program  
Certificate in Middle Eastern and North African Studies (Spring 2008)

*Al Akhawayn University*, Intensive Arabic Summer Program  
Intermediate Arabic (Summer 2007)