

VITO D'ORAZIO

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Updated: September 25, 2024
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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)

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

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* Forthcoming.

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

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. *Proceedings of the International Conference on Foundation and Large Language Models (FLLM2024)*, forthcoming.

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. “ConflI-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 So-laimani, 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*.

Working Papers

“Elections and Anti-Refugee Violence in Germany from 2014-2020.” Vito D'Orazio, Soham Das, and Nils Roemer. Revise and resubmit.

“Probabilistic conflict forecasting with automated machine learning.” Vito D'Orazio. Working paper and forecasts are part of the 2023-2024 Violence Early Warning System prediction competition.

“The Devil is in the Details: Assessing the Effects of Machine-translation on LLM Model Training and Performance.” Naif Alatrash, Afraa Alshammari, Mahrusa Billah, Amber Converse, Dagmar Heintze, Patrick T. Brandt, Vito D'Orazio, Latifur Khan, Javier Osorio, Under review.

“ConflLPC: Logits and Parameter Calibration for Political Conflict Analysis in Continual Learning.” Xiaodi Li, Niamat Zawad, Patrick Brandt, Javier Osorio, Vito D'Orazio, Latifur Khan. Under review.

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. Models: 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.

TwoRavens for Event Data. Quick subset and aggregation of event data. Demo: 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/KateHyoungh/UTDEventData. Project site: eventdata.utdallas.edu/.

PreText. Software for the representation and automated classification of text. Github: github.com/vjdorazio/PreText.

Data Projects

Militarized Interstate Disputes (collaborative). correlatesofwar.org/data-sets/MIDs.

Multinational Military Exercises (with Kevin Galambos). dataverse.harvard.edu/dataverse/mme.

UTDEventData (collaborative). Github: github.com/eventdata. Project site: 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, Javiar 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 (\$555,647)
 Role: PI (\$376,540 awarded to date)
 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

- 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), 2015, 2018, 2023
Peace Science Society	2010 (poster), 2012, 2013, 2014 (workshop), 2015 (poster), 2016, 2018, 2022 (workshop)
International Studies Association	2011, 2013, 2014, 2017, 2019, 2022, 2023, 2024
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
Southern Political Science Association	2019, 2021

Teaching

West Virginia University

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:

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

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

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 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, 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

Committee Member, Math and Data Science, Graduate Program Design, 2023-2024
 Committee Member, Math and Data Science, Undergraduate Program Committee, 2023-
 Committee Member, Data Science new faculty search, 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 Schrodt	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)