Vito D'Orazio

800 W Campbell Rd, GR 31
Richardson, TX 75080
972-883-6212

Updated: May 10, 2019
dorazio@utdallas.edu
vitodorazio.com

Employment

University of Texas at Dallas, School of Economic, Political, and Policy Sciences
  Assistant Professor of Political Science (August 2015 – Present)
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

Achievements in Original Investigation

Peer-Reviewed Journal Publications

2019 (forthcoming). "Buying Blue Helmets: Foreign Aid and the Construction of UN Peacekeeping Missions" (with Andrew Boutton). *Journal of Peace Research.*

2019 (forthcoming). "Updating the Militarized Interstate Dispute Data: A Response to Gibler, Miller, and Little" (with Glenn Palmer, Michael Kenwick, and Roseanne McManus). *International Studies Quarterly.*

2019. "UTDEventData: An R package to access political event data" (with HyoungAh Kim, 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" (with Idean Salehyan). *International Interactions* 44(6): 1017-1039.

2016. "Crowdsourcing the Measurement of Interstate Conflict" (with Michael Kenwick, Matthew Lane, Glenn Palmer, and David Reitter). *PLOS ONE* 11(6): e0156527. doi:10.1371/journal.pone.0156527.

2015. "Kickoff to Conflict: A Sequence Analysis of Intra-State Conflict Preceding Event Structures" (with James Yonamine). *PLOS ONE* 10(5): e0122472. doi:10.1371/journal.pone.0122472.

2015. "The MID4 Data Set, 2002-2010: Procedures, Coding Rules, and Description" (with Glenn Palmer, 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" (with Steven Landis, Glenn Palmer, and Philip Schrodt). *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." *Journal of East Asian Studies* 12(2): 275-294.

Peer-Reviewed Conference Publications

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

2018. "TwoRavens for Event Data" (with Marcus Deng and Michael J. 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" (with Mohuiddin Solaimani, Sayeed Salam, Latifur Khan, and Patrick Brandt). *2017 IEEE International Conference on Big Data (Big Data)*, Boston, MA, pp. 1333-1340.

2017. "Automatic Political Actor Recommendation in Real-Time" (with Mohuiddin Solaimani, Sayeed Salam, Latifur Khan, and Patrick Brandt). *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" (with Alexander Ororbia, Yang Xu, 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" (with James Honaker). *Extended Proceedings of ACM Hypertext 2014*.

Articles Submitted for Publication

"Multinational Corporations and Political Violence" (with Clint Peinhardt and Alero Akporiaye).

Original software

TwoRavens (with James Honaker). System of interlocking statistical tools for data exploration, analysis, and meta-analysis. Github. Demo.

TwoRavens for Event Data (with Marcus Deng and Michael Shoemate). Quick subset and aggregation of event data. Github. Demo.

UTDEventData (with HyoungAh Kim, Patrick Brandt, Jared Looper, Sayeed Salam, Latifur Khan, and Michael Shoemate). R library to access the political event data repository at UTD. Github. Site.

PreText. Software for the representation and automated classification of text. Github.

Research in Progress

"Conflict Forecasting: Trends and Future Directions".

"Modeling and Forecasting Armed Conflict: AutoML with Domain Expertise".

"An Experimental Analysis of Crowdsourcing Designs for Conflict Event Data" (with Michael Kenwick, Matthew Kelly, Glenn Palmer, David Reitter, Zhanna Terechshenko, and Danielle Zaychik).

"Constraining Cooperation: Military Integration and Government Repression."

External Funding for Original Investigations

2017 - 2021	*TwoRavens: Intuitive Statistical Exploration, Model Extraction, and Curation* DARPA Data-Driven Discovery of Models Program ($1,700,000) Role: Co-PI ($348,166 to UTD) Collaborators: James Honaker (Harvard)
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 (Penn State)
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 (UTD)
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, (UTD)

Lectures, Presentations, and Workshops

Invited Lectures, Presentations, and Workshops

2019   University of North Texas, Department of Political Science
2018   American Political Science Association Event Data Workshop
          Peace Science Society, Militarized Interstate Dispute Workshop
2017   Harvard University, Privacy Tools for Sharing Research Data Workshop
          London School of Economics, Transnational Conflict Data Workshop
          Harvard University, Dataverse Community Meeting
          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
Peace Science Society	2010 (poster), 2012, 2013, 2014 (workshop), 2015 (poster), 2016, 2018
International Studies Association	2011, 2013, 2014, 2017, 2019
Political Methodology	2012 (poster), 2015, 2017 (poster), 2018
Midwest Political Science Association	2010, 2011, 2012, 2015, 2017, 2018
Texas Triangle	2016, 2017
APSA Teaching and Learning	2016
Peace Science Society (Asia)	2016
Southern Political Science Association	2019

Conference Participation–Discussant

International Studies Association	2014, 2019
Midwest Political Science Association	2015, 2017
St. Louis Area Methods Meeting	2018
American Political Science Association	2018
Southern Political Science Association	2019

Teaching

Classroom teaching—University of Texas at Dallas

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

Classroom teaching—University of Navarra

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

Classroom teaching—Pennsylvania State University

2012, Summer, Introduction to International Relations

Doctoral advisement/direction:

Brent J. Sackett	Proposal to be defended Fall 2018
	Who Pays? Who Benefits? NATO Burden-Sharing in the Third Phase:
	Crisis Response and Asymmetric Military Capabilities
Austin Kingsolver	Proposal defended Summer 2017
	Polarization and the Supreme Court
Aaron Lebo	Proposal defended Spring 2017
	Information Competition and Social Media Networks
Randell Torno	Dissertation defended Winter 2017
	The Arc of Conflict: Three Articles on the "Life" of a Conflict

Service

Journal Reviewer

American Journal of Political Science, Conflict Management and Peace Science, F1000 Research, International Interactions, International Studies Quarterly, International Studies Review, Journal of Conflict Resolution, Journal of East Asian Studies, Journal of Peace Research, PLOS ONE, Political Analysis, Political Research Quarterly, Research and Politics, Social Science Computer Review

Grant Reviewer

Sloan Foundation, 2017

Program Committee Member

Social Computing, Behavioral-Cultural Modeling & Prediction and Behavior Representation in Modeling and Simulation (SBP-BRiMS), 2019

University and Department Service—University of Texas at Dallas

Committee Member, Methodological Qualifying Exam, 2017-present
Founder and Organizer, Working Paper Series, 2018-present
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

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)