

# VITO D'ORAZIO

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

August 8, 2017  
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
Nassau Community College	Liberal Arts	A.A.	2006

## Academic Papers

### *Peer-Reviewed Publications*

2017. “Automatic Political Actor Recommendation in Real-Time” (with Mohuiddin Solaimani, Sayeed Salam, Latifur Khan, and Patrick Brandt). In: Lee D., Lin YR., Osgood N., Thomson R. (eds) *Social, Cultural, and Behavioral Modeling*. SBP-BRiMS 2017. Lecture Notes in Computer Science, vol 10354. Springer, Cham.

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. “Error-Correction and Aggregation in Crowd-Sourcing of Geopolitical Incident Information” (with Alexander Ororbias, Yang Xu, and David Reitter) In: Agarwal N., Xu K., Osgood N. (eds) *Social Computing, Behavioral-Cultural Modeling, and Prediction*. SBP 2015. Lecture Notes in Computer Science, vol 9021. Springer, Cham.

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”

2014. “Statistical Modeling by Gesture: A Graphical, Browser-based Statistical Interface for Data Repositories” (with James Honaker). *Extended Proceedings of ACM Hypertext 2014*.

2012. “War Games: North Korea’s Reaction to US and South Korean Military Exercises.” *Journal of East Asian Studies* 12(2): 275-294.

#### *Under Review*

“Who is a Terrorist? Ethnicity, Group Affiliation, and Understandings of Political Violence” (with Idean Salehyan).

“Buying Blue Helmets: Foreign Aid and the Construction of UN Peacekeeping Missions” (with Andrew Boutton).

“Updating the Militarized Interstate Dispute Data: A Response to Gibler, Miller, and Little” (with Glenn Palmer and Michael Kenwick).

#### *In Progress*

“The Automated Discovery of Protest Stories from Text” (with Patrick Brandt, Benjamin Bagozzi, Latifur Khan, and Yang Gao).

“Estimating Political Risk from Machine-coded Event Data” (with Clint Peinhardt and Alero Akporiaye).

“An Experimental Analysis of Crowdsourcing Designs for Social Science Data Collection” (with Michael Kenwick, Matthew Kelly, Dennis Okyere, Glenn Palmer, David Reitter, and Zhanna Terechshenko).

“Constraining Cooperation: Military Integration and Government Repression.”

“Advancing Measurement of Foreign Policy Similarity.”

“Differential Privacy for Social Science Inference” (with James Honaker and Gary King).

## Grants

- 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)
- 2013 - 2014 *Using Crowdsourcing To Measure Complex Social Concepts: A Pilot Study*  
Social Science Research Institute at Penn State (\$20,000)  
Role: Collaborating Investigator  
Collaborators: Glenn Palmer, David Reitter, Michael Schmierbach (Penn State)
- 2012  
Dissertation support grant  
College of Liberal Arts at Penn State (\$2,000)

## Teaching

### *University of Texas at Dallas*

International Relations: Undergraduate, Fall 2015, 2016, 2017  
Concepts and Measurement: Graduate, Spring 2016  
International Conflict: Graduate, Fall 2016  
Applied Regression: Graduate, Spring 2017  
Data and Policy: Undergraduate, Fall 2017

### *University of Navarra*

Scientific Study of International Relations: Undergraduate, February 2015

### *Pennsylvania State University*

Introduction to International Relations: Undergraduate, Summer 2012

## Original Software

*TwoRavens* (with James Honaker). System of interlocking statistical tools for data exploration, analysis, and meta-analysis. Currently deployed on Harvard's Dataverse. [Website](#). [Github](#).

*PreText*. Software for the representation and automated classification of text. [Github](#).

## Invited Lectures, Presentations, and Workshops

- 2017 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  
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
Peace Science Society	2010 (poster), 2012, 2013, 2014 (workshop), 2015 (poster), 2016
International Studies Association	2011, 2013, 2014, 2017
Political Methodology	2012 (poster), 2015, 2017 (poster)
Midwest Political Science Association	2010, 2011, 2012, 2015, 2017
Texas Triangle	2016, 2017
APSA Teaching and Learning	2016
Peace Science Society (Asia)	2016

### *Discussant*

International Studies Association	2014
Midwest Political Science Association	2015, 2017

## Awards

Predocctoral Fellowship. Quantitative Social Science Initiative, Penn State University (2011-

2012).

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

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

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

## Service

### *Journal Reviewer*

American Journal of Political Science, Conflict Management and Peace Science, F1000 Research, 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

### *Grant Reviewer*

Sloan Foundation, 2017

### *University and Department Service*

Committee Member, Methodological Qualifying Exam, 2017

Outside Chair, Dissertation in Arts and Technology

President, Graduate Association of Political Science (2011-2012)

Founder and Organizer, Political Methodology Brown Bag (2011-2012)

## Dissertation Committees

Austin Kingsolver    Proposal defended Summer 2017

Randell Torno        Proposal defended Spring 2017

Aaron Lebo           Proposal defended Spring 2017

## 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)