

VITO D'ORAZIO

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Academic Appointments

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

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 Ororbia, Yang Xu, and David Reitter) *Social Computing, Behavioral Modeling, and Prediction* 381-387.

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.

– 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).

In Progress

“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).

“Buying Blue Helmets: US Foreign Aid and UN Peacekeeping Troop Contributions” (with Andrew Boutton).

“A Latent Dimension of Political Protest” (with Erica Chenoweth, Christopher J. Fariss, and Joseph Wright).

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

Grants

- 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: PI Glenn Palmer, Co-PI 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: PI Patrick Brandt, Co-PI Jennifer Holmes, Latifur Khan, Vincent Ng
- 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: PI Glenn Palmer, Co-PI David Reitter, and Michael Schmierbach
- 2012
Dissertation support grant
College of Liberal Arts at Penn State (\$2,000)

Teaching

University of Texas at Dallas

- International Relations: Undergraduate, Fall 2015, Fall 2016
- Concepts and Measurement: Graduate, Spring 2016
- International Conflict: Graduate, Fall 2016

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)

- Tool for the analysis of statistical models
- <http://2ra.vn/>

PreText

- Software for the representation and automated classification of text
- <https://github.com/vjdorazio/PreText>

Invited Lectures, Presentations, and Workshops

- 2016 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

Research and Teaching Interests

International Relations:

International and civil conflict, political violence, military cooperation, foreign policy, conflict management, peacekeeping, event data, conflict forecasting, measurement

Quantitative Methods:

Measurement, conflict forecasting, technologies for data collection, data privacy, machine learning, sequence analysis, text analysis, maximum likelihood estimation

Awards

Predoctoral 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)

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
Political Methodology	2012 (poster), 2015
Midwest Political Science Association	2010, 2011, 2012, 2015
Texas Triangle	2016
APSA Teaching and Learning	2016
Peace Science Society (Asia)	2016

Discussant

International Studies Association	2014
Midwest Political Science Association	2015

Technical Skills

Statistical Software and Programming

- R, Stata, Perl, Python, Javascript, HTML/CSS, Bash

Related Experience

- D3, Github, Heritrix, Latex, Lucene, Mechanical Turk, MySQL, Petrarch/Tabari, Qualtrics, Shiny, Sphinx

Services and Memberships

Reviewer

- American Journal of Political Science, Conflict Management and Peace Science, F1000Research, International Studies Quarterly, International Studies Review, Journal of Conflict Resolution, Journal of East Asian Studies, Journal of Peace Research, PLOS ONE, Political Analysis

Departmental

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

Member

- American Political Science Association, International Studies Association, Peace Science Society (International)

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)