

Eric T. Dunford

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EDUCATION

University of Maryland College Park, MD
Ph.D., Political Science Expected May 2018

Dissertation: “Together We Stand: Selection, Cohesion, and Survival within Violent Non-state Organizations”

Committee: Johanna K. Birnir (Chair), Kathleen Cunningham,
David Cunningham, Ernesto Calvo

University of Maryland College Park, MD
Master of Arts, Political Science May 2016

Beloit College Beloit, WI
Bachelor of Arts, Political Science (Magna Cum Laude) May 2010

PUBLICATIONS

2017 “The Geography of Organized Armed Violence Around the World” (with Erik Melander and David Backer). Forthcoming in *Peace and Conflict 2017*, Routledge.

2014 “A Voice in the Process: A Cross-National Look at Ethnic Inclusion and Economic Growth in the World.” (With Johanna K. Birnir.) *Development*. 57(2).

WORKING PAPERS

“Cultural Imprinting, Institutions, and the Organization of New Firms” (with David Waguespack and Johanna K. Birnir) [Under Review]

“Integrating Conflict Event Data” (With Karsten Donnay, David Cunningham, David Backer, and Erin McGrath) [Revising for Submission]

“Providing to Compete: Why Regime Change Movements Provide Club Goods”

“A Break from the Past: why mapping deviations in diplomatic networks reveal shifts in foreign policy strategies” (with Michael Joseph) (Presented at ISA 2017)

“Grievance and Electoral Violence”(with Erin McGrath, Karsten Donnay, David Cunningham, and Erin McGrath) (Presented at ISA 2017)

“Hashtags that Matter: Measuring the propagation of Tweets in the #Dilma Crisis” (With Ernesto Calvo and Neil Lund)

SOFTWARE DEVELOPMENT

MELTT: Merging Event Data by Location, Time, and Type, (with Karsten Donnay)
R package that offers a methodology for systematically integrating disparate geospatial event data by leveraging information on spatio-temporal co-occurrence and event-specific metadata.

diploMap, *Python* model. (Under Development). Module leverages diplomatic meeting data between elites and a dictionary-guided machine coding procedure to reconstruct global diplomatic networks.

PRESENTATIONS

- 2017** *A Break from the Past: why mapping deviations in diplomatic networks reveals shifts in foreign policy strategies*, International Studies Association, Annual Meeting (Spring)
- 2016** *An Automated Aggregation of Geo-coded Violent and Non-violent Conflict Events*, Peace Science Society, Annual Meeting (Fall)
- 2016** *Integrating African Conflict Event Data*, American Political Science Association, Annual Meeting (Fall)
- 2016** *MELTT: Matching Event Data by Location, Time, and Type*, The Society for Political Methodology, Summer Meeting (Poster)
- 2016** *MELTT: Matching Event Data by Location, Time, and Type*, Midwest Political Science Association, Annual Meeting (Spring)
- 2015** *Providing to Compete: An Examination of Social Welfare Provisions by Regime Change Movements*, Midwest Political Science Association, Annual Meeting (Spring)

WORKSHOPS & SHORT COURSE

- 2017** *An Introduction To Statistical Programing In R: A short course on processing, analyzing, and visualizing data in R*
Short Course
Creative Associates International, Washington DC (Spring)
- 2017** *The ABC's of Bayesian Estimation in R*
University of Maryland, College Park (Spring)
- 2016** *Learning R Programming*
Short Course
Department of Government and Politics,
University of Maryland, College Park (Fall)
- 2016** *Web-scraping and Automated Data Process in R*
University of Iceland, Reykjavik (Spring)

- 2016 *Web-scraping and Automated Data Process in R*
University of Maryland, College Park (Spring)
- 2015 *Functional Programming in R – Intermediate R*
University of Maryland, College Park (Fall)
- 2015 *Real-Time Modeling of Social Protest: Ferguson, Twitter, and the Opacity of Social Media Data*,
University of Maryland, College Park (Spring)

RESEARCH ASSISTANCE

- 2015 - Present National Science Foundation. “INSPIRE Track 2: Computational Modeling of Grievances and Political Instability through Global Media.” Under the direction of David Backer and David Cunningham

HONORS

- 2017 Summer Research Funds, University of Maryland (\$5000)
- 2016 Research Field Funds, University of Maryland (\$2000)
- 2016 Empirical Implications of Theoretical Models (EITM) Participant
- 2016 Summer Research Fellowship – University of Maryland Graduate School (\$5000)
- 2016 National Science Foundation Travel Funds (Political Methodology)
- 2015 Empirical Implications of Theoretical Models (EITM) Certified
- 2015 Clifford C. Clogg Scholarship (ICPSR) (ICPSR Tuition and Fees)
- 2015 National Science Foundation Graduate Research Fellowship (Honorable Mention)
- 2015 University of Maryland GVPT Methods Field Funds (\$3000)
- 2014 University of Maryland GVPT Comparative Field Funds (\$4000)

TEACHING

- 2017 Multilevel Models: Introduction and Application, ICPSR (Teaching Assistant)
- 2015-2017 R Programing: Web-scraping, Regular Expressions, and Structuring Unstructured Data (UMD GVPT Political Methodology Subfield and Graduate Student Association Methodology Workshops)
- 2014 GVPT289A - “Appetite for Change: The Global Politics of Food” (Teaching Assistant)
- 2013 GVPT289F - “Does Democracy Have a Future?” (Teaching Assistant)
- 2010-2011 English Instructor (World Teach – Costa Rica)

RELEVANT SKILLS

Programing: R (Advanced); Python (Advanced); SQL (Intermediate); MongoDB (Intermediate); C++ (Beginner/Intermediate); Stata (Intermediate);

Languages: English (Native); Spanish (Conversational)