

# Eric T. Dunford

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## CURRENT POSITION

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- 8/2018 - Present**     **Assistant Teaching Professor**, McCourt School of Public Policy, Georgetown University.
- 8/2018 - Present**     **Associate Director**, Master of Science in Data Science for Public Policy, McCourt School of Public Policy, Georgetown University.

## EDUCATION

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- University of Maryland**     College Park, MD  
*Ph.D.*, Political Science     Expected Fall 2018  
Dissertation: “Membership Diversity and Innovative Capacity within Violent Non-State Organizations”  
Committee: Johanna K. Birnir (Chair), Kathleen Cunningham, David Cunningham
- 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

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- 2018**     “Integrating Conflict Event Data” (With Karsten Donnay, Erin McGrath, David Backer, and David Cunningham). *Journal of Conflict Resolution* (2018): 0022002718777050.
- 2018**     “Cultural Imprinting, Institutions, and the Organization of New Firms” (with David Waguespack and Johanna K. Birnir). *Strategy Science* 3, no. 2 (2018): 426-438.
- 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

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- “Predicting Election-related Violence” (with David Cunningham, Karsten Donnay, David Backer and Erin McGrath)

“Precisely the Point: the consequences of ignoring geo-spatial precision in event data and what to do about it” (with Karsten Donnay)

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

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

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

## **SOFTWARE DEVELOPMENT**

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**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.

## **PRESENTATIONS**

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- 2017** *A Break from the Past: why mapping deviations in diplomatic networks reveals shifts in foreign policy strategies*, International Studies Association, Annual Meeting (Spring) & Peace Science Society, Annual Meeting (Fall)
- 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 COURSES**

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- 2018** *A Crash Course in Statistical Programming in R*  
BSOS 2018 Math Camp  
University of Maryland, College Park (Fall)
- 2017** *Applied Statistics and Data Management in R*  
Short Course  
Smith School of Business,

University of Maryland, College Park (Fall)

- 2017** *Tools and Best Practices for Integrating Spatial Data*  
APSA Short Course (co-taught with Karsten Donnay and Andrew Linke)  
American Political Science Association, Annual Meeting (Fall)
- 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**

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- 2015 - 2018** 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**

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- 2018** University of Maryland GVPT Methods Field Funds
- 2017-2018** Graduate Fellow – Ed Snider Center for Enterprise and Markets, Smith School of Business, University of Maryland, Collage Park
- 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

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- 2018 A crash course in Statistical Programming in R for Ph.D. students in applied computational social science, University of Maryland, College Park, BSOS Math Camp  
2018 Multilevel Models: Introduction and Application, ICPSR (Teaching Assistant)  
2017 Multilevel Models: Introduction and Application, ICPSR (Teaching Assistant)  
2015-2017 R Programming: 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)

## RELEVANT SKILLS

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**Programming:** R; Python; SQL (Intermediate); MongoDB (Beginner/Intermediate); C++ (Intermediate); Stata;

**Languages:** English (Native); Spanish (Conversational)