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).

UNDER REVIEW

"Integrating Conflict Event Data" (With Karsten Donnay, David Cunningham, David Backer, and Erin McGrath)

"Cultural Imprinting, Institutions, and the Organization of New Firms" (with David Waguespack and Johanna K. Birnir)

WORKING PAPERS

"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 forthcoming on CRAN. Package systematically integrates disparate geospatial event by leveraging information on spatio-temporal co-occurrence and event-specific meta data.

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

2017   *An Introduction To Statistical Programing In R: A short course on processing, analyzing, and visualizing data in R*
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
University of Maryland, College Park (Fall)

2016   *Web-scrapping and Automated Data Process in R*
University of Iceland, Reykjavik (Spring)

2016   *Web-scrapping and Automated Data Process in R*
University of Maryland, College Park (Spring)

2015 *Computational Processing 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

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)
2010	Magna Cum Laude
2009	Glenn E. and Marguerite C. Hansen Excellence in Journalism Award
2009	Pi Sigma Alpha National Political Science Honors Society
2009-2010	Diane Louise and Terry Beach Duffy Endowed Scholarship Award
2006-2010	Dean's List

TEACHING EXPERIENCE

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"
2013	GVPT289F - "Does Democracy Have a Future?"
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)

PROFESSIONAL ASSOCIATIONS

American Political Science Association (APSA)

Midwest Political Science Association (MPSA)
Peace Science Society (PSS)
Pi Sigma Alpha National Political Science Honor Society (PSA)