TREY BILLING

billing.22@osu.edu
Personal Website

ACADEMIC POSITIONS

CURRENT	**The Ohio State University**
	MERSHON CENTER FOR INTERNATIONAL SECURITY STUDIES
	Post-Doctoral Fellow, Recovering from Violence Research Cluster

EDUCATION

MAY 2020	**University of Maryland, College Park**
	Ph.D, GOVERNMENT AND POLITICS
	Comparative Politics	Methodology (*both w/ distinction*)
DEC 2016	**University of Maryland, College Park**
	MA, GOVERNMENT AND POLITICS
DEC 2013	**University of Dayton**
	BA, *summa cum laude*
	Major: Economics	Minor: Political Science

ACADEMIC PUBLICATIONS

Billing, Trey (2020). Empirical studies of factors associated with child malnutrition: highlighting the evidence about climate and conflict shocks, with Molly Brown, David Backer, Peter White, Kathryn Grace, Paul Huth, and Shannon Doocy. Food Security.

Billing, Trey (2019). Government Fragmentation, Administrative Capacity, and Public Goods: the negative consequences of reform in Burkina Faso. Political Research Quarterly.

Billing, Trey and Lugg. Andrew. D. (2019). Conflicted Capital: The effect of civil conflict on patterns of BIT signing. Journal of Conflict Resolution 63.2: 373-404.
— *Winner of 2017-2018 Don C. Piper Award for best graduate student paper*

WORKING PAPERS

The Paradoxical Effects of Terrorist Attacks on Democratic Preferences, with John F. McCauley.

Buying Votes from IDPs with Land: a randomized response experiment in post-conflict Uganda.

The Demand for Aid: conjoint-experimental evidence from Uganda.

The Strategic Logic of Targeting of Aid by Rebel Groups During War, with Michael Findley and David Backer.

OTHER PUBLICATIONS

Billing, Trey (2018). Freshman class of Congress is looking younger, more female, with Casey Burgat and Charles Hunt. USA Today.

Billing, Trey (2018). Everything you want to know about the 2018 midterm House elections in 8 charts, with Casey Burgat and Charles Hunt. legbranch.com.

Billing, Trey, (2017). Resilience in the Sahel Desk Assessment, with John F. McCauley and Andrew D. Lugg. *Produced for USAID.*

RESEARCH EXPERIENCE

Current	**Modelling Early Risk Indicators to Anticipate Malnutrition**
	Research Associate, Center for Intl. Development and Conflict Mgmt. (CIDCM)
	DfID and Action Against Hunger grant
May 2018-Dec 2019	**Identifying Congressional Reformers**
	Data Science Consultant, R Street Institute via Hewlitt Foundation Grant
Aug 2017-Dec 2018	**CIDCM**
	Research Assistant, *Aiding Resilience* Minerva grant & USAID Alert List
NOV 2016-JAN 2017	**United States Agency for International Development (USAID)**
	Academic consultant for The Mitchell Group
MAY-AUG 2015	**National Consortium for the Study of Terrorism and Responses to Terrorism (START)**
	Research Assistant, INSPIRE project

TEACHING EXPERIENCE

PREVIOUS	**Introduction to Data Science**
	McCourt School of Public Policy, Georgetown University
	Teaching Associate
	Religion, Beliefs, and World Affairs
	Teaching Assistant to Dr. John McCauley
	Politics of the Developing World
	Teaching Assistant to Dr. John McCauley
	Lectures given on *Conflict and Development* and *The State and Development*
	International Negotiations
	Teaching Assistant to Dr. Guy Ziv

SKILLS AND EXPERIENCE

FIELDWORK	Uganda (2018)	Experimental survey, elite interviews, focus groups
	Ghana (2017)	Experimental survey
	Burkina Faso (2017)	Administrative data collection, elite interviews
METHODS	Computing:	R (advanced), Stata (intermediate), Python (familiar), SQL, QGIS
	Competencies:	Regression, MLE, Bayesian models, Hierarchical models, Machine learning, Spatial methods, Conjoint experiments, Randomized response experiments, Causal inference

FELLOWSHIPS AND AWARDS

Ann G. Wylie Semester Dissertation Fellowship, University of Maryland, College Park, 2019

Excellence in Teaching Award, Graduate Teaching Assistant in the College of Behavioral and Social Sciences, University of Maryland, College Park, 2018

Graduate Student Summer Research Fellowship, University of Maryland, College Park, 2018

Don C. Piper Award for best graduate student paper, *Conflicted Capital* (with Andrew D. Lugg), 2018

Comparative Politics Subfield Research Grant, University of Maryland, College Park, 2017

Dean's Fellowship, University of Maryland, College Park, 2014-2019

Tim & Mary Riordan Scholarship, University of Dayton, 2013

Statehouse Civil Scholars Fellowship, University of Dayton, 2013

CONFERENCE PRESENTATIONS, WORKSHOPS, AND TALKS

APR 2018	**Midwest Political Science Association Annual Conference**
	A Conjoint Equilibrium Model of the Demand for Aid
	Chicago, Illinois
NOV 2017	**Methods Workshop**
	University of Maryland Department of Government and Politics
	Causal Inference Using Conjoint Experiments
OCT 2017	**Comparative Politics Workshop**
	University of Maryland Department of Government and Politics
	How Government Fragmentation Weakens the Public Goods Provision
SEP 2017	**American Political Science Association Annual Conference**
	How Conflict Affects the Distribution of Aid
	San Francisco, California
SEP 2017	**American Political Science Association Annual Conference**
	Methods and Standards in the Analysis of Subnational Development Aid Data
	San Francisco, California (non-presenting coauthor)
APR 2017	**Midwest Political Science Association Annual Conference**
	Agency Slack and the Distribution of World Bank Projects in Africa
	Chicago, Illinois
FEB 2017	**Methods Workshop**
	University of Maryland Department of Government and Politics
	Introduction to spatial data and GIS
JAN 2017	**The Political Economy of International Organizations**
	The Effect of Civil Conflict on Patterns of BIT Signing
	University of Bern, Switzerland (non-presenting coauthor)
MARCH 2016	**Methods Workshop**
	University of Maryland Department of Government and Politics
	Introduction to document processing with LaTeX and Knitr
FEB 2016	**IR/CIDCM Workshop**
	University of Maryland Department of Government and Politics
	Bilateral Investment Treaties and Post-Conflict Economic Recovery

SERVICE AND PROFESSIONAL MEMBERSHIP

REVIEWER	American Political Science Review, European Journal of International Relations, Journal of Conflict Resolution, Journal of Politics, Politics and Governance, Terrorism and Political Violence
DISCUSSANT	University of Maryland Comparative Politics Workshop (2015, 2016, 2018, 2019)
COORDINATOR	University of Maryland Department of GSA Methods Workshop Series, 2016-2017
CO-CHAIR	University of Maryland Department of GSA Social Division, 2015-2016