

# John Ternovski

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## CONTACT INFORMATION

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Washington, DC 20001

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## EDUCATION

### Yale University

**PhD**, Political Science, December 2021 / **MPhil**, January 2020

Dissertation: *Leveraging New Technologies and Interdisciplinarity to Study Political Behavior, Attitudes, and Beliefs*

Committee: P. M. Aronow (chair), Joshua Kalla, Gregory A. Huber, David G. Rand

Fields: Quant. Methods (exam), American Politics (exam), Comparative Politics (courses)

**MA**, Statistics, January 2020

Focus on Machine Learning, High-Dimensional Statistics, and Data Science

### Oxford University

**MSc**, Social Science of the Internet, November, 2014

Master's Thesis: When Treatments Are Tweets: A Network Mobilization Experiment Over Twitter (published in *Political Behavior*)

### Dartmouth College

**BA** *cum laude*, Economics, June, 2009

## PAPERS IN PREPARATION

**The Impact of Trump Tweets and 2016 Victories on Hate Music Listenership** (with David Rand).

**Making Sense of Voting “Habits”: Applying the Process Model of Behavior Change to a Series of Large-Scale Get-Out-the-Vote Experiments.**

## PUBLICATIONS

**Deepfake Warnings for Political Videos Increase Disbelief but Do Not Improve Discernment: Evidence from Two Experiments** (with P. M. Aronow and Joshua Kalla). 2022, *Journal of Online Trust and Safety*.

**A Note on Increases in Inattentive Online Survey-Takers Since 2020** (with Lilla Orr). 2022, *Journal of Quantitative Description: Digital Media*.

**Social Influence in Music Listenership: A Natural Experiment on 1.3 Million Last.fm Users** (with Taha Yasseri). 2020, *Social Networks*.

**Social Pressure and Voting: Field Experiment Conducted in a High-Salience Election** (with Todd Rogers, Don Green, and Carolina Ferreros-Young). 2017, *Electoral Studies*.

**Potential follow-up increases private contributions to public goods.** (with Todd Rogers and Erez Yoeli). 2016, *Proceedings of the National Academy of Sciences*.

**When Treatments Are Tweets: A Network Mobilization Experiment Over Twitter** (with Alexander Coppock and Andrew Guess). 2015, *Political Behavior*.

## PROFESSIONAL RESEARCH EXPERIENCE

**McCourt School of Public Policy, Georgetown, Washington, DC**      **July, 2021 - Current**  
*Postdoctoral Fellow*

<b>Office of Evaluation Sciences, GSA</b> , Washington, DC <i>Postdoctoral Fellow</i>	<b>July, 2021 - Current</b>
<b>Mimir Analytics LLC</b> , New Haven, CT <i>Principal and Founder</i>	<b>April, 2016 - Current</b>
<b>Freelance Consulting</b> , <i>Data and Analytics Consultant</i>	<b>April, 2014 – Current</b>
<b>S3 Lab, Harvard Kennedy School</b> , Cambridge, MA <i>Senior Research Fellow</i>	<b>July, 2014 – December, 2017</b>
<b>Analyst Institute</b> , Washington, DC <i>Senior Technical Advisor</i> <i>Director of Analytics</i> <i>Lead Analyst</i> <i>Analyst</i>	<b>October, 2013 – July, 2014</b> <b>October, 2011 – October, 2013</b> <b>February, 2010 – October 2011</b> <b>July, 2009 – February 2010</b>
<b>GDIT, Air Force Research Lab</b> , Hanscomb, MA <i>Associate Scientist</i>	<b>March, 2008 – June, 2008</b>

SOFTWARE  
PACKAGES

**MANSKI\_CI** - A Stata package that uses Manski type bounds (Manski 2003) to calculate confidence intervals around a treatment variable's regression coefficient in a (covariate-adjusted) regression.

**NONPARMDE** - A Stata package to calculate the minimum detectable effect (MDE) using non-parametric estimators. (Developed with Joel Middleton.)

**RANDOMIZR** - A Stata package with a suite of random assignment commands including complete, block, cluster, and cluster+block random assignment. (Developed with Alexander Coppock.)

**RANDINF** - A Stata package for conducting Fischer Randomization Tests on block-randomized experiments.

**STRATARAND** - A Stata package that conducts blocked random assignment for equally and unequally sized treatment groups.

**XVALOLS** - A Stata package that performs crossvalidation of OLS regressions. (Developed with Joel Middleton.)

INVITED TALKS

**McCourt/OES Agency Evaluation Partnerships** Presented at the *Evaluation Officer Council Meeting*. Hosted by the Office of Management and Budget within the Executive Office of the President of the United States. Virtual. May, 2022.

**Detecting DeepFakes and Coordinated Inauthentic Behavior** Presented at the *Yale Cyber Leadership Forum*. Hosted by Yale University, New Haven, CT. March, 2022.

**Why is Data Important to Winning Campaigns?**  
Hosted by the Australian Conservation Foundation. Virtual. October, 2020.

**Persuasion on Twitter: Two Online Petition Experiments.**  
Presented at *May Analyst Group Meeting: Social Networks*. Hosted by Analyst Institute, Washington, DC. May, 2015.

**Canvasser Experiment Workshop.**  
Hosted by Swedish Social Democratic Party Headquarters, Stockholm, Sweden. May, 2014.

### **Intro to Experiments.**

Presented at *Intermediate Data Boot Camp*, with Josh Rosmarin. Hosted by New Organizing Institute, Washington, DC. August, 2013.

### **Thinking like an Analyst.**

Presented at *Advanced Data Boot Camp*, with Emily Norman. Hosted by New Organizing Institute, Washington, DC. July, 2013,

### CONFERENCE PRESENTATIONS

### **The Impact of Trump Tweets and 2016 Victories on Hate Music Listenership**

Presented at *A Joint Sunbelt and NetSci Conference (Networks 2021)*. Hosted by The Pennsylvania State University. Virtual. July, 2021.

Presented at *14th Annual Political Networks Conference (PolNet 2021)*. Hosted by Indiana University Network Science Institute. Virtual. July, 2021.

**Deepfake Warnings for Political Videos Increase Disbelief but Do Not Improve Discernment** Presented at *2021 Harvard Experimental Political Science Conference*. Hosted by Harvard University. Virtual. April, 2021.

**Social Influence in Music Listenership: A Natural Experiment on 1.3 Million Last.fm Users.** Presented at *Ninth International Conference on Complex Systems 2018 (ICCS 2018)*, with Taha Yasseri. Hosted by New England Complex Systems Institute, Cambridge, MA. July, 2018.

**Successful Researcher-Practitioner RCT Partnership: Increasing Attendance by 15,000 Days.** Presented at *Society for Research on Educational Effectiveness, Lost in Translation: Building Pathways from Knowledge to Action*, with Todd Rogers, Tonya Wolford, Avi Feller, and Shruthi Subramanyam. Hosted by Education Northwest, Washington, DC. March, 2016.

### **Introduction to Stata Training Series.**

Hosted by Student Social Support R&D Lab Harvard Kennedy School, Cambridge, MA. 2015-2016.

**Challenges to inferring causality from viral information dispersion in dynamic social networks.** Presented at *SPIE 9097, Cyber Sensing 2014*. Hosted by SPIE, Baltimore, MD. June, 2014.

**Challenges and Limitations of Contemporary Experimental Designs in Dynamic Social Networks.** Presented at *6th Annual Political Networks Conference (PolNet 2013)*. Hosted by Indiana University, Bloomington, IN. June, 2013.

### **Fundamentals of Experiments Annual Training Series.**

Founder and Organizer. Hosted by Analyst Institute, Washington, DC. 2013-2014.

### PROFESSIONAL SERVICE

Reviewer for *Proceedings of the National Academy of Sciences*, *American Political Science Review*, *Journal of Politics*, *Political Behavior*

Program Committee

Social Informatics Conference (*SocInf 2022*, Glasgow, UK)

Digital Transformation and Global Society (*DTGS 2021*, St. Petersburg, Russia)

Social Informatics Conference (*SocInf 2020*, Pisa, Italy)

Social Informatics Conference (*SocInf 2018*, St. Petersburg, Russia)

Network Science Conference (*NetSci2017*, Indianapolis, Indiana)

Social Informatics Conference (*SocInf 2017*, Oxford, UK)

### TEACHING EXPERIENCE

**Teaching Fellow**, Yale University, Political Science

*Introduction to US Government* – led two discussion sections and gave an optional guest lecture  
*Power, Security, and Surveillance: Political Challenges of the Computer Age* – led two discussion sections

*Measuring Impact and Opinion Change* – gave optional guest lecture

*Politics of The Wire* – led two discussion sections and gave optional guest lecture

GRANTS AND  
FELLOWSHIPS

**2020 NSF/APSA Doctoral Dissertation Improvement Grant (DDRIG)** - \$15,000 (*a total of twenty awarded*)

**Samuel Thorpe Jones and Charles Jones Fellowship** - 2020-2021; Yale