

Dean Knox

CONTACT INFORMATION	Department of Politics Princeton University 309 Fisher Hall Princeton, NJ 08544	dcknox@princeton.edu www.dcknox.com
POSITIONS	Princeton University Assistant Professor, Department of Politics	Princeton, NJ September 2018–
	Microsoft Research Postdoctoral Researcher, Computational Social Science group	New York, NY July 2017–June 2018
EDUCATION	Massachusetts Institute of Technology Ph.D., Political Science <i>Fields:</i> <i>Committee:</i> Adam Berinsky, Fotini Christia, Danny Hidalgo, Teppei Yamamoto (chair)	Cambridge, MA August 2011–May 2017 Models & Methods, Political Economy
	Monterey Institute of International Studies Certificate in Nonproliferation Studies	Monterey, CA January 2009–December 2009
	University of Illinois at Urbana–Champaign B.S., Nuclear Engineering	Urbana–Champaign, IL August 2004–May 2008
AWARDS, HONORS & FELLOWSHIPS	Society for Political Methodology Society for Political Methodology National Science Foundation Massachusetts Institute of Technology <i>Foreign Policy</i> magazine	John T. Williams dissertation prize, 2016 Best poster at annual summer meeting, 2015 Graduate Research Fellowship, 2013–2016 Presidential Graduate Fellowship, 2012–2013 Best writing in global political economy, 2010
WORKING PAPERS	Knox, Dean. “A Model for Path Data.”	
^L NETWORKS	Christia, Fotini, Dean Knox, and Jaffar Al-Rikabi. “Networks of Sectarianism: Experimental Evidence on Access to Services in Baghdad.”	
^L AUDIOVISUAL DATA	Knox, Dean and Christopher Lucas. “A Dynamic Model of Speech for the Social Sciences.”	
	Mehr, Samuel, Manvir Singh, Dean Knox, Christopher Lucas, Daniel Ketter, Daniel Pickens-Jones, Nori Jacoby, Timothy O’Donnell, Steven Pinker, Max Krasnow, and Luke Glowacki. “A Natural History of Song.”	
	Goplerud, Max, Dean Knox and Christopher Lucas. “The Rhetoric of Parliamentary Debate: Measuring Conflictual Speech in New Zealand Floor Speeches.”	
	Knox, Dean, Christopher Lucas, and Justin de Benedictis-Kessner. “Words Don’t Fit the Picture: Use and Effectiveness of Sentimental Speech in the 2012 U.S. Presidential Campaign.”	
^L OPINION FORMATION	Knox, Dean, Teppei Yamamoto, Matthew Baum, and Adam Berinsky. “Design, Identification, and Inference in Patient Preference Trials.”	
	Christia, Fotini, Elizabeth Dekeyser, and Dean Knox. “Gauging Shia Public Opinion: A Survey of Iranian and Iraqi Religious Pilgrims.”	

WORK IN
PROGRESS
↓ NETWORKS

Knox, Dean, Jake Hofman, and Duncan Watts. “The Structure and Dynamics of Diffusive Conversations.”

Christia, Fotini and Dean Knox. “Geographic Segregation in Baghdad: Detecting Out-group Aversion in Walking Routes.”

Knox, Dean. “Promotions, Patronage, and Performance in the Chinese Bureaucracy.”

REFEREED
PUBLICATIONS

Knox, Dean. 2012. “Nuclear Security and Nuclear Emergency Response in China.” *Science & Global Security*, Vol. 20, No. 1.

OTHER WORK

Christia, Fotini, Elizabeth Dekeyser, and Dean Knox. “Shiites are Participating in the World’s Largest Pilgrimage Today. Here is how they View the World.” *Monkey Cage / Washington Post*, 21 November 2016.

Christia, Fotini, Elizabeth Dekeyser, and Dean Knox. “Mapping Shiite Opinion: Insights from the Arba’een Pilgrimage.” *Foreign Affairs*, 24 October 2016.

Knox, Dean. 2012. “The Comprehensive Test Ban Treaty: Foundations, Context, and Outlook.” In *Handbook of Nuclear Proliferation*, ed. Harsh V. Pant. London: Routledge.

Jakobson, Linda and Dean Knox. 2010. “New Foreign Policy Actors in China.” Stockholm: SIPRI. Translated as *Chuugoku no Atarashii Taigai Seisaku: Darega Donoyouni Kettei Shite Irunoka*. 2011. Tokyo: Iwanami Shoten.

Jakobson, Linda, Paul Holtom, Dean Knox, and Peng Jingchao. 2011. “China’s Energy and Security Relations with Russia.” Stockholm: SIPRI.

TEACHING

Quantitative Analysis I (probability). Fall 2018. Instructor. Institute for Political Methodology summer camp. Summer 2015. Teaching assistant.

Quantitative Research Methods IV (machine learning). Spring 2015. Teaching assistant.

Quantitative Research Methods II (causal inference). Spring 2014. Teaching assistant.

PROFESSIONAL
EXPERIENCE

Stockholm International Peace Research Institute
Research Assistant, China and Global Security Programme

Stockholm and Beijing
January 2010–April 2011

National Defense University

Contract Researcher, Center for the Study of Chinese Military Affairs

Washington, DC
June 2009–August 2009

Center for Nonproliferation Studies

Research Assistant, East Asia Nonproliferation Program

Monterey, CA
January 2009–December 2009

CONFERENCE
PRESENTATIONS

“A Dynamic Model of Speech for the Social Sciences”

Society for Political Methodology, summer meeting. (BYU, 2018)

Asian Political Methodology Conference. (Seoul, 2018)

“The Rhetoric of Parliamentary Debate: Measuring Conflictual Speech in New Zealand Floor Speeches”

American Political Science Association annual meeting. (Philadelphia, 2016)

“A New Model for Analyzing Paths: Determinants and Effects of U.S. Interstate Routes.”

Society for Political Methodology, summer meeting. (Houston, 2016)

“Networks of Sectarianism: Experimental Evidence on Access to Services in Iraq.”

Multidisciplinary University Research Initiative (MURI) meeting, (UPenn, 2016)

Midwest Political Science Association, annual meeting. (Chicago, 2016)

“Words Don’t Fit The Picture: Using Computer Vision to Measure Speaker Sentiment in Videos.”

Midwest Political Science Association, annual meeting. (Chicago, 2016)

NYU-CESS Experimental Political Science conference. (NYU, 2016)

“Random Path Models.”

By invitation. New Faces in Political Methodology conference. (Penn State, 2015)

American Political Science Association annual meeting. (San Francisco, 2015)

“Design, Identification, and Inference in Patient Preference Trials.”

Society for Political Methodology, annual summer meeting. (Athens, GA, 2014)

Poster presentation. Atlantic Causal Inference Conference. (UPenn, 2015)

“Identifying Peer Effects under Homophily with an Instrumental Variable: Patronage and Promotions in the Chinese Bureaucracy”

Poster presentation. Society for Political Methodology, summer meeting. (Athens, GA, 2014)

Midwest Political Science Association, annual meeting. (Chicago, IL, 2013)

“Markov Chain Simulation of Policy Diffusion.”

Poster presentation. Midwest Political Science Association, annual meeting. (Chicago, IL, 2012)

**DEPARTMENTAL
SERVICE**

MIT Political Methodology Research Seminar

Student Coordinator, 2015

MIT Political Methodology Workshop Series

Organizer, 2014

MIT Political Economy Breakfast Series

Student Co-coordinator, 2014

MIT Political Science Graduate Student Research Design Group

Co-organizer, 2013–2014

Harvard–MIT–BU Chinese Politics Research Workshop

Co-organizer, 2012–2013

SKILLS

Chinese, Taiwanese, R, Python, C++