

# DAVID COTTRELL

Program in Quantitative Social Science  
6104 Silsby Hall  
Hanover, NH 03755

(650) 799 - 6361  
David.Cottrell@dartmouth.edu  
[Website](#)

## ACADEMIC POSITIONS

**Lecturer in Quantitative Methodology** (9/1/2017 - present)  
Government and Program in Quantitative Social Science, Dartmouth College

**Postdoctoral Fellow** (9/1/2015 - 8/31/2017)  
Program in Quantitative Social Science, Dartmouth College

## EDUCATION

**University of Michigan**, Ann Arbor, MI  
Ph.D Political Science (2015)

*Dissertation*: “Three Essays on the Political Consequences of Geographic Boundaries in U.S. Political Institutions”

*Committee*: Ken Kollman, Jowei Chen, Charles Shipan, and Scott Page

*Major*: American Politics

*Minor*: Research Methods

M.A. Political Science (2012)

**University of California**, Davis, CA  
B.A. Political Science (2006)

## PUBLICATIONS

“Evaluating Partisan Gains from Congressional Gerrymandering: Using Computer Simulations to Estimate the Effect of Gerrymandering in the U.S. House.” *Electoral Studies* 44C (2016) pp. 329-340. (with Jowei Chen). [\[link\]](#)

“A Rigged Election? Evaluating Donald Trump’s Allegations of Massive Voter Fraud in the 2016 Presidential Race.” Forthcoming, *Electoral Studies* (with Michael C. Herron and Sean J. Westwood). [\[link\]](#)

“All in the Family: German Twin Finishing Times in the 2016 Women’s Olympic Marathon.” Forthcoming, *CHANCE*. (with Michael C. Herron). [\[link\]](#)

## UNDER REVIEW

“Using Computer Simulations to Measure the Effect of Gerrymandering on Electoral Competition in the U.S. Congress” [\[link\]](#)

- Revise and Resubmit at *Legislative Studies Quarterly*

“The Power to Appoint: Presidential Nominations and Change on the Supreme Court” (with Richard Anderson and Charles Shipan). [\[link\]](#)

- Revise and Resubmit at *Journal of Politics*

“Mortality, Incarceration, and African-American Disenfranchisement in the Contemporary United States” (with Michael C. Herron, Javier Rodriguez, and Daniel A. Smith). [\[link\]](#)

- Revise and Resubmit at *American Politics Research*

## WORKS IN PROGRESS

“A Geographic Explanation for Partisan Representation: How Residential Patterns of Partisans Shape Electoral Outcomes.” [\[link\]](#)

“Voting Lines and Early Voting Check-in Times in Florida” (with Michael C. Herron and Daniel A. Smith). [\[link\]](#)

“Policy Making in a Federal System: State and Federal Implementation of OSHA Regulation.” [\[link\]](#)

## OTHER PUBLICATIONS

“We checked Trump’s allegations of voter fraud. We found no evidence at all.” *The Monkey Cage*. December 2, 2016. (with Michael C. Herron and Sean J. Westwood). [\[link\]](#)

“We can’t find any evidence of voting fraud in New Hampshire.” *The Monkey Cage*. December 2, 2016. (with Michael C. Herron and Sean J. Westwood). [\[link\]](#)

“If Obama appoints Scalia’s successor, the Supreme Court will really jump leftward.” *The Monkey Cage*. February 15, 2015. (with Charles Shipan). [\[link\]](#)

## CONFERENCE PARTICIPATION

Yale CSAP American Politics Summer Conference (2016).

American Political Science Association (2014, 2016, 2017).

Midwest Political Science Association (2012, 2013, 2014, 2015, 2016, 2017).

Southern Political Science Association (2017).

## TEACHING EXPERIENCE

### **Instructor:**

Dartmouth College - “Quantitative Political Analysis”

*An undergraduate course introducing students to quantitative approaches in political science. Students are taught theoretical concepts underlying empirical research, including causality, measurement, prediction, probability, and statistical inference. Moreover, students apply these concepts first-hand as they learn to conduct data analysis through programming in R. (1 quarter)*

Dartmouth College - “Race, Incarceration, and Politics: By the Numbers”

*An undergraduate course exploring racial disparities in the United States, including those in wealth, health, incarceration, and political representation. Students not only read research discussing those disparities but also analyze the data behind the research, learning to use R to import, wrangle, and visualize datasets from the Census as well as numerous national surveys. (2 quarters)*

University of Michigan - “The Use of Social Science Computer Programs”

*A graduate course introducing incoming students in political science to computing in R. The course covers the basics in operations, data structures, functional programming, data wrangling, modeling and visualization using R. (2 semesters)*

### **Teaching Assistant:**

University of Michigan - “Introduction to American Politics.” (3 semesters)

University of Michigan - “Civil Liberties and Civil Rights.”

University of Michigan - “Contemporary Issues in American Politics.”

## GRANTS/FELLOWSHIPS

Summer Collaborative Grant (2011).

University of Michigan Graduate Fellowship (2008-2009).