

# Nicholas R. Jenkins

QUANTITATIVE POLITICAL AND DATA SCIENTIST

+1 949 288-3417 | [nicholas.jenkins@email.ucr.edu](mailto:nicholas.jenkins@email.ucr.edu) | [nicholasrjenkins.science](https://nicholasrjenkins.science) | [nrjenkins](https://github.com/nrjenkins) | [nickjenkinsphd](https://www.linkedin.com/in/nickjenkinsphd)

## ⚙️ Current Skills

### 📊 Statistics

Bayesian Statistics – Multilevel Modeling – Causal Inference – Experimental Design – Time Series Analysis – Generalized Linear Models – Text Analysis

### 🔗 Coding Languages

📊 – Stan – Jags – SQL – Some Python – Some HTML

### ✂️ Other

git/🔗 – 📄 – RMarkdown – Jupyter Notebooks –  $\text{\LaTeX}$

## 🎓 Education

### Ph.D. in Political Science

UNIVERSITY OF CALIFORNIA, RIVERSIDE

Riverside, CA

Exp. June 2023

- Coursework in statistics, research design, political behavior, and political economy.
- 4 published projects analyzing political behavior with advanced statistical modeling (see projects section below).
- Dissertation: Building a Confirmatory Factor Analysis model to measure congressional committee issue concentration and develop a theory of interest group influence in the policymaking process. Used data on 16 years of campaign finance records to test my theory.

### M.A. in Economics

CALIFORNIA STATE UNIVERSITY, LONG BEACH

Long Beach, CA

2017

- Coursework in econometrics, research design, and advanced micro and macroeconomic theory.
- Thesis: Used fixed effects regression to analyze the impact of E-Verify laws on wage and employment rates across the U.S.

## 👛 Professional Experience

### Part-time Consultant - Graduate Quantitative Methods Center

UNIVERSITY OF CALIFORNIA, RIVERSIDE

Riverside, CA

10/2021 – Present

- One-on-one consultations with graduate students across the university to help with statistics, statistical software, data wrangling, and data visualization.
- Develop and teach workshops on R programming and statistical methods. Developed workshops include [Intro to Bayesian Data Analysis](#), [Generalized Linear Models](#), Git and GitHub for Collaboration and Open Science, Time Series Analysis, and Data Visualization with ggplot.

### Data Science Teaching Assistant - School of Public Policy

UNIVERSITY OF CALIFORNIA, RIVERSIDE

Riverside, CA

03/2020 – Present

- Advise students in the Master of Public Policy (MPP) program on data collection, cleaning, visualization, and analysis for their capstone projects.
- Developed a [boot camp workshop](#) introducing incoming MPP students to the basics of working with data in R.
- Developed and taught a [data science workshop](#) for second-year MPP students introducing them to the data science process.
- Designed a [policy evaluation project](#) for the policy analysis class that guides students through the process of data cleaning, data visualization, mapping, descriptive analysis, and causal modeling techniques for analyzing the impact of public policies.

### Graduate Student Researcher

CENTER FOR INTERNATIONAL TRADE AND TRANSPORTATION

Long Beach, CA

05/2017 – 09/2017

- Labor market research, report writing, and data management for the center's transportation and labor market research projects.

### Teaching Assistant - Departments of Political Science & Economics

CALIFORNIA STATE UNIVERSITY, LONG BEACH & UNIVERSITY OF CALIFORNIA, RIVERSIDE

Long Beach & Riverside, CA

08/2015 – Present

- Taught sections for Introduction to Econometrics, Time Series Analysis, Economic Statistics, Policy Evaluation, Theory and Methodology of Political Science, Politics and Economic Policy, and American Politics.

## 🏢 Additional Training

### Structural Equation Modeling in Longitudinal Research 📊

LONGITUDINAL RESEARCH INSTITUTE

Online

2020

- This 5 day workshop covered growth models, factorial invariance, dealing with incomplete data, growth mixture models, ordinal outcomes, and latent change score models.

## Summer Program in Quantitative Methods of Social Research

Ann Arbor, MI

INTER-UNIVERSITY CONSORTIUM FOR POLITICAL AND SOCIAL RESEARCH (ICPSR)

2018

- During this 4-week summer program I completed courses in Bayesian Modeling for the Social Sciences, Multilevel Models, and advanced mathematics.

## Macroeconomic Forecasting

Online

INTERNATIONAL MONETARY FUND (IMF) INSTITUTE FOR CAPACITY DEVELOPMENT

2017

- This 9-week course covered forecasting models, vector autoregressions, and vector error correction models.

## Projects

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SocArXiv

NR JENKINS, M LANDGRAVE

2021

- Designed a conjoint survey experiment for a survey of 50,000+ respondents (the [Cooperative Election Study](#)) to test how accepting or refusing PAC contributions affects respondents' evaluation of candidates.

## Do political donors have greater access to government officials? Evidence from a FOIA field experiment with US municipalities

*Journal of Behavioral Public Administration*

NR JENKINS, M LANDGRAVE, GE MARTINEZ

2020

- Designed an audit experiment to test the responsiveness of local government officials in municipalities across 5 states to information requests from donors and non-donors.

## Minimizing Whose Influence? How Rejecting PAC Contributions Affects Contribution Patterns

SocArXiv

NR JENKINS

2020

- Used geographic campaign contribution data to detect corporate contributions to candidates made from within and outside the candidate's district and both Dirichlet and Zero-Inflated Gamma multilevel regression to see how anti-corporate PAC pledges affect corporate giving.

## Interest Groups, Policy Responses to Global Shocks, and the Relative Likelihood of Currency Crashes Versus Banking Crises

*Journal of International Commerce, Economics and Policy*

JM MEYER, NR JENKINS

2019

- Used country-level data on the size of different economic sectors and government responses to interest rate shocks to examine if interest groups affect whether governments respond to shocks by defending the exchange rate or maintaining full employment.

## References

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Available Upon Request