SAMUEL WORKMAN

I am a political scientist working at the intersection of public policy, data science, and statistics. I specialize in public policy, the bureaucracy, regulatory politics, and statistics. My interests involve text-as-data, machine learning, and statistical modeling, especially classificationj stochastic processes, and maximum likelihood methods. I teach courses in public policy, agenda setting, regulatory policy, and statistics. My current academic projects examine congressional bureaucracies, the regulatory politics of education policy, and agenda setting in food policy.

I also provide statistical consulting in the private sector, specializing in the grocery floral category. My work focuses on data-driven decision-making and management, custom reporting, and data-informed programming.

Skills & Experience

- Policy research, data management, statistical analysis & modeling, presentation, reporting & data visualization, machine learning
- Project Management, grant writing, team leadership & coordination, public speaking
- Market, sales, and inventory analysis, reporting, and visualization, data-driven decision-making and management
- Languages: R, $\LaTeX$, SAS, SPSS, VBA, SQL, Markdown, CSS, HTML (limited)
- Applications: Rstudio, WinEdt, Beamer, binb, xaringan, MS Word, MS Excel, MS PowerPoint, SQLite, MS Access

👤 SELECTED POSITIONS

2020 | 2016

Associate Professor of Political Science
The University *of* Oklahoma 📍 Norman, OK USA

- Faculty Affiliate, *National Institute for Risk & Resilience*
- Faculty Member, *Big Data & Statistics Working Group*
- Faculty Affiliate, *The Comparative Agendas Project*, *University of Texas*

2019 | 2018

Chief Data & Statistical Consultant
Hi-Rise Balloons & Floral Supplies, Inc. 📍 Austin, TX USA

- Statistical Analysis, Reporting, & Visualization
- Custom reporting & data-informed programming
- Sales, Marketing, & Inventory Analysis

🎓 EDUCATION

2009 | 2005

Ph.D., Political Science
University *of* Washington 📍 Seattle, WV

- Fields: American Politics, Public Policy, & Research Methodology
- Dissertation: *Economizing Attention: Agendas and the Influence of Bureaucracy in American Politics*
- *Graduate Fellow of the Center for American Politics & Public Policy*

🎗 CURRENT GRANT

2021 | 2018

Organizational Problem Solving and the Use of Research in Education Policy
National Science Foundation, Science of Organizations, Award No. 1827494, $455,640

- **Samuel Workman** (PI) and Deven Carlson (Co-PI)

🖋 SCHOLARSHIP

2017

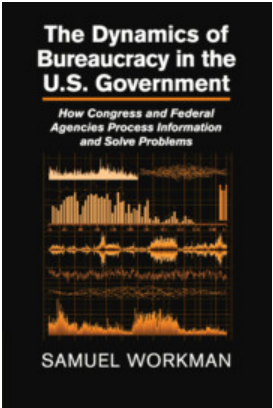### Problem Definition and Information Provision by Federal Bureaucrats
Cognitive Systems Research, Vol. 43 (June), pp. 140–152

- **Samuel Workman**, JoBeth Shafran, & Tracey Bark

CONTACT

- 🌐 samuelworkman.org
- ✉ samuel.workman@
- ⊙ SamuelWorkman
- in samuel-workman
- 🐦 SamuelGWorkman
- Ⓜ [at]samuel.workman
- 📍 Norman, OK USA

GET MY BOOK

The Dynamics of Bureaucracy in the U.S. Government
How Congress and Federal Agencies Process Information and Solve Problems

SAMUEL WORKMAN

2015

The Dynamics of Bureaucracy in the U.S. Government: How Congress and Federal Agencies Process Information and Solve Problems

Cambridge University Press   📍 Cambridge, UK

· Samuel Workman
· Reviewed in *Perspectives on Politics* , 2016, Vol. 14(2), pp. 572–574.
· Reviewed in the *Journal of Public Administration Research & Theory*, 2017, Vol. 27(4), pp. 711–713.

2009

Information Processing and Policy Dynamics
Policy Studies Journal, Vol. 37 no. 1, pp. 75–92

· **Samuel Workman**, Bryan D. Jones, & Ashley E. Jochim

2008

Organizing Attention: Responses of the Bureaucracy to Agenda Disruption
Journal of Public Administration Research & Theory, Vol. 18 no. 4, pp. 517–541

· Peter J. May, **Samuel Workman**, & Bryan D. Jones

2006

Policy Coherence and Policy Domains
Policy Studies Journal, Vol. 34 no. 3, pp. 381–403

· Peter J. May, Joshua Sapotichne, & **Samuel Workman**

POPULAR & RECENT

2020

OU Nighlty Super Tuesday 2020
Interviewed by Lindsey Gibbs, OU Nightly Anchor, March 3rd

· Samuel Workman

2019

Award in Wines, WSET Level 1
Wine & Spirits Education Trust - London, UK   📍 Dallas Wine Education Center

UPCOMING COURSES

2020

Maximum Likelihood Estimation
University of Oklahoma, P SC 5940   📍 Norman, OK USA

· 2017 & 2020

2020

Bureaucracy & Citizenship
The University *of* Oklahoma, P SC 3113   📍 Norman, OK USA

· 2014 & 2020