

# SAMUEL WORKMAN, PH.D.

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 classification, 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*, *LAT<sub>E</sub>X*, SAS, SPSS, VBA, SQL, Markdown, CSS, HTML (limited)
- Applications: Rstudio, WinEdt, Beamer, binb, xaringan, MS Word, MS Excel, MS PowerPoint, SQLite, MS Access



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## III ACADEMIC POSITIONS

2020  
I  
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*

2016  
I  
2014

### Assistant Professor of Political Science

*The University of Oklahoma*

📍 Norman, OK USA

- Faculty Affiliate, *Center for Risk & Crisis Management*
- Faculty Affiliate, *Center for Intelligence & National Security*

2014

### Lecturer in American Politics

*Sciences Po*

📍 Bordeaux, FR

2013  
I  
2010

### Assistant Professor of Government

*The University of Texas at Austin*

📍 Austin, TX USA

- Associate Director, *Policy Agendas Project*

2010  
I  
2008

### J.J. "Jake" Pickle Research Fellow

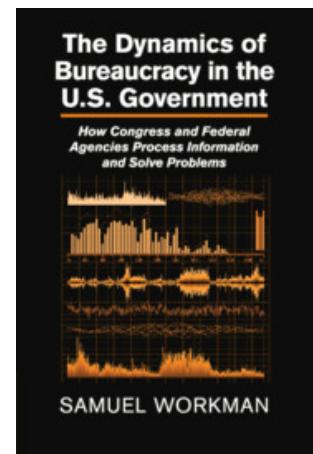
*The University of Texas at Austin*

📍 Austin, TX USA

## CONTACT

- 🌐 [samuelworkman.org](http://samuelworkman.org)
- ✉️ [samuel.workman@](mailto:samuel.workman@okstate.edu)
- 👤 [SamuelWorkman](https://www.linkedin.com/in/samuel-workman/)
- linkedin [in/samuel-workman](https://www.linkedin.com/in/samuel-workman/)
- twitter [@SamuelGWorkman](https://twitter.com/SamuelGWorkman)
- ✉️ [\[at\]samuel.workman](mailto:[at]samuel.workman)
- 📍 [Norman, OK USA](#)

## GET MY BOOK



Last updated 2020-03-17



## PRIVATE SECTOR DATA & STATISTICAL CONSULTING

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



## EDITORIAL POSITIONS & BOARDS

2020  
|  
2016

### Associate Editor

*Public Administration*

Wiley-Blackwell

2020  
|  
2019

### Editorial Board Member

*Policy Studies Journal*

Wiley-Blackwell



## 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

2005  
|  
2003

### M.A., Political Science

University of Washington

Seattle, WV

- Fields: American Politics & Research Methodology
- Manager: *Policy Agendas Project*
- *Donald R. Matthews Fellow*

2003  
|  
2001

### M.A., Political Science

West Virginia University

Morgantown, WV

- Fields: American Politics & Public Policy
- Certification: *Public Policy Analysis*
- *Philip V. McGance Fellow*

2001  
|  
1997

### B.S., Industrial Relations & Human Resources

West Virginia University, IT

Montgomery, WV

- Specialization: Economics & Labor Relations

## TRAINING & CERTIFICATES

2019

### Award in Wines, WSET Level 1

Wine & Spirits Education Trust - London, UK

📍 Dallas Wine Education Center

2016

### Grape Management (Certificate)

Oklahoma State University

📍 Perkins, OK

2015

### Pregnancy Determination in Cattle (Certificate)

Texas A&M AgriLife Extension Service

📍 Gainsville, TX

2015

### AI Management in Cattle

North Central Texas College

📍 Gainsville, TX

2005

### Program in Quantitative Methods

Inter-Consortium for Political & Social Research, University of Michigan

📍 Ann Arbor, MI

2003

### Public Policy Analysis (Certificate)

West Virginia University

📍 Morgantown, WV

✉ S. Workman - Google Scholar

#### Interests

Public Policy  
Regulation  
Bureaucracy  
Agenda Setting  
Education Policy  
Use of Research & Data  
Food Policy & Food Systems

## BOOKS

2020

### *Methods of the Policy Process*

Routledge

📍 Abingdon, UK

- Christopher M. Weible & Samuel Workman
- Under Contract

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.

#### Approaches

Text-as-Data  
Text Classification  
Storytelling with Data  
Machine Learning  
Maximum Likelihood  
Stochastic Processes

#### Current Projects

Use of research in Education regulations  
The politics of data & numbers  
Complexity & the regulation of GMOs  
The politics of food security

## ARTICLES

2018

### *Drawing practical lessons from punctuated equilibrium theory*

*Policy & Politics*, Vol. 46 no. 2 (April), pp. 293–308

- Chris Koski & Samuel Workman

- 2017      **Problem Definition and Information Provision by Federal Bureaucrats**  
*Cognitive Systems Research*, Vol. 43 (June), pp. 140–152  
· Samuel Workman, JoBeth Shafran, & Tracey Bark
- 2016      **Knot Policy Theory**  
*Policy Studies Journal*, Vol. 44 no. S1, pp. 123–132  
· Christian Breunig, Chris Koski, & Samuel Workman
- 2009      **Widespread Policy Disruption: Terrorism, Public Risks, and Homeland Security**  
*Policy Studies Journal*, Vol. 37 no. 2, pp. 171–194  
· Peter J. May, Joshua Sapotichne, & Samuel Workman
- 2009      **Widespread Policy Disruption and Interest Mobilization**  
*Policy Studies Journal*, Vol. 37 no. 4, pp. 793–815  
· Peter J. May, Joshua Sapotichne, & Samuel Workman
- 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



## BOOK CHAPTERS

- 2017      **Struggle and Triumph in Fusing Policy Process and Comparative Research**  
*Theories of the Policy Process*, Chap. 9, pp. 329–362  
· Jale Tosun & Samuel Workman

2015	<b>Communications Frameworks and the Supply of Information in Policy Subsystems</b> <i>Policy Paradigms in Theory and Practice: Discourses, Ideas, and Anomalies in Public Policy Dynamics</i> , Chap. 12, pp. 239–268 · Samuel Workman & JoBeth Shafran
2010	<b>Policymaking, Bureaucratic Discretion, and Overhead Democracy</b> <i>The Oxford Handbook of American Bureaucracy</i> , Chap. 26, pp. 612–637 · Samuel Workman, Bryan D. Jones, & Ashley E. Jochim
2009	<b>The Paradox of Agency Issue Attention: The Bush Administration and Homeland Security</b> <i>President George W. Bush's Influence over Bureaucracy and Policy: Extraordinary Times, Extraordinary Powers</i> , Chap. 7, 123–146 · Peter J. May & Samuel Workman
2006	<b>Behavioral Rationality and the Policy Processes: Toward A New Model of Organizational Information Processing</b> <i>Handbook of Public Policy</i> , Chap. 3, pp. 49–74 · Bryan D. Jones, Graeme Boushey, & Samuel Workman



## BLOGS

2018	<b>Trump, Governance, and the Nature of Policy Reform</b> <i>Policy Studies Journal Yearbook</i> · Hank C. Jenkins-Smith & Samuel Workman
2018	<b>Using information processing theory to build a smarter government</b> <i>Policy &amp; Politics Blog</i> · Chris Koski & Samuel Workman
2017	<b>How do we get governments to make better decisions?</b> <i>Paul Cairneyâ€™s Policy Blog</i> · Chris Koski & Samuel Workman
2016	<b>Policy Implementation, Representation, and Democratic Governance</b> <i>Midwest Political Science Association Blog</i> · Samuel Workman



## INTERVIEWS

2020

### [OU Nightly Super Tuesday 2020](#)

Interviewed by Lindsey Gibbs, OU Nightly Anchor, March 3rd

- Samuel Workman

2020

### [Episode 17: Bryan Jones and Frank Baumgartner](#)

*The Co-Authored Podcast*, Megaphone - Heath Brown, Host

- Samuel Workman

2019

### [Episode 8: Education Policy & Problem Solving](#)

*Policy Agenda Podcast*, STITCHER - E.J.Fagan & Katherine Madel, Hosts, April 30th

- Samuel Workman & Deven Carlson



## REVIEWS & RESPONSES

2019

### [Thinking in Public about Public Affairs: A Response to, and Expansion of, Zuo, Qian, and Zhao](#)

*Policy Studies Journal*, Vol. 47 no. S1, pp. S181–S185

- Samuel Workman

2016

### [Review of The Politics of Major Policy Reform in Postwar America, Edited by Jeffrey A. Jenkins and Sidney M. Milkis](#)

*Perspectives on Politics*, Vol. 14 no. 2, pp. 567–568

- Samuel Workman



## GRANTS & AWARDS

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)

Funding Organization Review

*National Science Foundation*

2010

|

2008

### [Economizing Attention: Agendas and the Influence of Bureaucracy in American Policymaking](#)

\*National Science Foundation, Political Science Program Dissertation Improvement Grant, Award No. 0819429, \$11,999

- Bryan D. Jones (PI) and Samuel Workman (Co-PI)

Political Science

Law & Society

Science of Organizations

Decision, Risk, & Management Sciences

2010   2009	<b>Liberal Arts Instructional Technology Grant</b> <i>College of Liberal Arts, The University of Texas at Austin, \$34,770</i> · Bryan D. Jones (PI) and Samuel Workman (Co-PI)
2010	<b>Undergraduate Research Apprenticeship</b> <i>College of Liberal Arts, The University of Texas at Austin, \$2,000</i> · Samuel Workman
2008	<b>Travel Grant</b> <i>Center for Statistics in the Social Sciences, University of Washington, \$1,000</i> · Samuel Workman

## ❖ FELLOWSHIPS & SCHOLARSHIPS

2011	<b>College Research Fellowship</b> <i>College of Liberal Arts, The University of Texas at Austin</i> 📍 Austin, TX USA
2011   2010	<b>Fellow of the J.J. “Jake” Pickle Regents Chair in Congressional Studies</b> <i>College of Liberal Arts, The University of Texas at Austin</i> 📍 Austin, TX USA
2008   2003	<b>Graduate Fellow in American Politics and Public Policy</b> <i>Center for American Politics and Public Policy, University of Washington</i> 📍 Seattle, WA USA
2005	<b>Clifford C. Clogg Scholarship</b> <i>Inter-University Consortium for Political and Social Research (ICPSR), University of Michigan</i> 📍 Ann Arbor, MI USA
2004   2003	<b>Donald R. Matthews Fellow</b> <i>Department of Political Science, University of Washington</i> 📍 Seattle, WA USA
2003   2001	<b>Phillip V. McGance Fellow</b> <i>Department of Political Science, West Virginia University</i> 📍 Morgantown, WV USA



## TEACHING



### GRADUATE TEACHING

2020

#### **Maximum Likelihood Estimation**

*University of Oklahoma, P SC 5940*

- 2017 & 2020

📍 Norman, OK USA

2019

#### **Agenda Setting in Public Policy**

*University of Oklahoma, P SC 5053*

- 2017 & 2019

📍 Norman, OK USA

2016

#### **Data Visualization**

*The University of Oklahoma, P SC 5940 & The University of Texas at Austin, GOV 385L*

- 2010, 2014, & 2016

📍 Norman, OK & Austin, TX

2015

#### **Intermediate Analysis of Political Data**

*The University of Oklahoma, P SC 5933*

📍 Norman, OK USA

2014

#### **Field Seminar in Public Policy**

*The University of Oklahoma, P SC 6223*

📍 Norman, OK USA

2011

#### **Bureaucracy & Policy Implementation**

*The University of Texas at Austin, GOV 384M*

📍 Austin, TX USA



### UNDERGRADUATE TEACHING

2020

#### **Bureaucracy & Citizenship**

*The University of Oklahoma, P SC 3113*

- 2014 & 2020

📍 Norman, OK USA

2019

#### **Introduction to Political Analysis**

*The University of Oklahoma, P SC 2013*

- 2018 (2 sections) & 2019

📍 Norman, OK USA

2016

#### **Regulatory Policy**

*The University of Oklahoma, P SC 4213*

- 2015 & 2016

📍 Norman, OK USA

#### **Approach & Philosophy**

My approach to teaching is interactive and geared toward skills development. I also emphasize bringing research & data into the classroom. Exercises involve considerable writing, story-telling with data, and opportunities to develop policy briefs and data analytic skills.

#### **Ph.D. Advisees**

Gloria Noble, Ph.D. (exp. 2021)  
Periloux Peay, Ph.D. (exp. 2020); Georgia State University  
Tracey Bark, Ph.D. (2019); Auburn University, Montgomery

#### **Ph.D. Committees**

*The University of Oklahoma*

Aarika Forney, Ph.D. (exp. 2020)  
Lihui Zhang, Ph.D. (exp. 2020)  
Matthew Geras, Ph.D. (exp. 2020)  
Elizabeth Bell, Ph.D. (2019)  
Jessica Hayden, Ph.D. (2018)  
Paul Valentine, Ph.D. (2018)  
Victoria Rickard, Ph.D. (2017)  
David Oakley, M.A. (2017)

*The University of Texas at Austin*

Jonathan Lewallen, Ph.D. (2017)  
Michelle Wolfe, Ph.D. (2016)  
JoBeth Shafran, Ph.D. (2015)  
Sarat Krishnan, Ph.D. (2015)  
Daniel Sternemann, Ph.D. (2013)  
Dorothy Morgan, Ph.D. (2012)

2013

### American Government

*The University of Texas at Austin, GOV 310*

 Austin, TX USA

- 2010 - 2013 (13 sections)



## PUBLIC LECTURES

2017

### **University of Kentucky**

*Martin School of Public Policy & Administration*

 Lexington, KY USA

- "Congressional Bureaucracy, Policy Analysis, and Governance in the Administrative State"

### Undergrad Mentorship

Ryan Marsh, B.A. (exp. 2020)  
Royce Chang, B.S. (2012)

2017

### **The University of Texas at Arlington**

*Haggard Lecture Series*

 Arlington, TX USA

- "Delegated Oversight, Institutional Conflict, and the Macro Dynamics of Legislative Policy Analysis"

2017

### **University of Colorado, Denver**

*School of Public Affairs*

 Denver, CO USA

- "Governance and Adaptive Problem Solving in the Administrative State"

2013

### **The University of Texas at Austin**

*Thompson Center Continuing Education*

 Austin, TX USA

- "Teaching AP American Politics & Policy"

2013

### **Aarhus University**

*Department of Political Science*

 Aarhus, DK

- "Bureaucracy and Problem Solving: Information Processing in the Administrative State"

2012

### **The University of Oklahoma**

*Department of Political Science*

 Norman, OK USA

- "Bureaucracy and Information Processing: Risk and Governing in the Administrative State"

2011

### **The University of Oklahoma**

*Department of Political Science*

 Norman, OK USA

- "Information Processing & Policy Dynamics"

2011	<b>BI Norwegian Business School</b> <i>Department of Law &amp; Governance</i>	📍 Oslo, NO
	• "Attention, Politics, or Performance? Competing Influences on Oversight by Analytical Bureaucracies in the Regulatory State"	
2011	<b>Vanderbilt University</b> <i>Department of Political Science</i>	
	• "Confronting the Administrative Presidency: Analytical Bureaucracy and Congressional Governance"	
2010	<b>Texas A &amp; M University</b> <i>Department of Political Science</i>	📍 College Station, TX USA
	• "The Supply and Demand of Bureaucratic Signals"	
2008	<b>The University of Texas at Austin</b> <i>Department of Government</i>	📍 Austin, TX USA
	• "Bureaucratic Signaling and Congressional Priorities in Securities Regulation"	
2008	<b>University of Colorado</b> <i>Department of Political Science</i>	📍 Boulder, CO USA
	• "Bureaucratic Signaling and Congressional Priorities in Securities Regulation"	
2007	<b>University of Oxford</b> <i>Nuffield College</i>	📍 Oxford, UK
	• "The Paradox of Agency Issue Attention: The Bush Administration and the Undermining of Homeland Security"	

## CONFERENCE PRESENTATIONS

American Political Science Association (APSA)  
2002, 2005, 2007–2010, 2012, 2015–2017 & 2019  
Midwest Political Science Association (MPSA)  
2003, 2006–2011, 2013, 2016–2017 & 2019  
Comparative Agendas Projects Conference (CAP)  
2010, 2014, 2016, & 2017  
European Consortium for Political Research (ECPR)  
2014 & 2017  
European Political Science Association (EPSA)  
2016  
Southwestern Social Science Association (SSSA)  
2017  
International Conference on Public Policy (ICPP)  
2013, 2015, & 2019  
International Conference on Food Studies  
2012 & 2015

Chair or Organizer  
International Conference on Public Policy 2015  
Midwest Political Science Association 2010–2013 & 2017  
Southern Political Science Association 2011  
Southwestern Social Science Association 2017

Western Political Science Association (WPSA)  
2014  
Southern Political Science Association (SPSA)  
2009 & 2020  
Association for Public Policy Analysis and Management (APPAM)  
2005–2007, & 2019

## POSITIONS IN DISCIPLINE

2020	<b>Mentor</b> American Political Science Association	
2020	<b>Mentor</b> Midwest Political Science Association	<b>Discussant</b>
2019	<b>Section Chair, <i>Public Management</i></b> Southern Political Science Association	Midwest Political Science Association 2010–2013, 2016–2017, & 2019
2018	<b>Presidential Selection Committee, <i>Midwest Public Administration Caucus</i> (MPAC)</b> Midwest Political Science Association	Comparative Policy Agendas Project Conference 2014 & 2017
2016	<b>Committee Chair, <i>Best Paper in Public Policy</i></b> American Political Science Association	Congress & History 2016
2015	<b>Section Chair, <i>Bureaucratic Politics</i></b> Midwest Political Science Association	Southern Political Science Association 2009 & 2011
2012	<b>Section Chair, <i>Public Policy</i></b> Midwest Political Science Association	Southwestern Social Science Association 2017
2012	<b>Executive Council, <i>Public Administration Section</i></b> American Political Science Association	Association of Public Policy and Management 2019
2009		

## SERVICE

### UNIVERSITY

2020	<b>Inter-Consortium for Political &amp; Social Research (ICPSR) Representative</b> <i>The University of Oklahoma</i>	 Norman, OK USA
2020	<b>Outside-Committee Member (ACR Service) for Paul Plummer (Ph.D. – Math)</b> <i>The University of Oklahoma</i>	 Norman, OK USA
2019	<b>Signature Initiative Committee: Advancing the Study of Water, Natural Resources, and the Environment</b> <i>The University of Oklahoma</i>	 Norman, OK USA

## DEPARTMENT

2020   2016	<b>Chair, Research Methodology Field</b> <i>The University of Oklahoma</i>	 Norman, OK USA
2020   2016	<b>Chair, Strategic Planning Committee</b> <i>The University of Oklahoma</i>	 Norman, OK USA
2020   2014	<b>Graduate Admissions &amp; Funding Committee</b> <i>The University of Oklahoma</i>	 Norman, OK USA
2018	<b>Peer Teaching Evaluations—Allyson Shortle and Colin Barry</b> <i>The University of Oklahoma</i>	 Norman, OK USA
2016	<b>Sponsored Speakers</b> <i>The University of Oklahoma</i> <ul style="list-style-type: none"><li>• Peter B. Mortensen (U. of Aarhus, DK)</li><li>• Anthony M. Bertelli (NYU)</li><li>• Herschal F. Thomas (UT Arlington)</li></ul>	 Norman, OK USA
2016	<b>Moderator, 3rd Presidential Debate, OU Votes</b> <i>The University of Oklahoma</i>	 Norman, OK USA
2016	<b>Carl Albert Center (CAC) Search Committee</b> <i>The University of Oklahoma</i>	 Norman, OK USA
2015	<b>MPA Admissions Committee</b> <i>The University of Oklahoma</i>	 Norman, OK USA
2014	<b>American Politics Search Committee</b> <i>The University of Oklahoma</i>	 Norman, OK USA
2014	<b>Ewing Fellowship Selection Committee</b> <i>The University of Oklahoma</i>	 Norman, OK USA
2013   2009	<b>Associate Director, Policy Agendas Project</b> <i>The University of Texas at Austin</i>	 Austin, TX USA
2013   2012	<b>Graduate Admissions Committee</b> <i>The University of Texas at Austin</i>	 Austin, TX USA
2013   2011	<b>Peer Teaching Review Committee</b> <i>The University of Texas at Austin</i>	 Austin, TX USA
2013   2009	<b>Human Subjects Review Committee</b> <i>The University of Texas at Austin</i>	 Austin, TX USA
2011	<b>Course Transformation Committee</b> <i>The University of Texas at Austin</i>	 Austin, TX USA
2011   2010	<b>Latino Public Policy Search Committee</b> <i>The University of Texas at Austin</i>	 Austin, TX USA

2011	<b>Centennial Lecture Series Committee</b>	
2010	<i>The University of Texas at Austin</i>	 Austin, TX USA
2010	<b>Chair, J.J. Pickle Speaker Series in American Institutions, Public Policy, &amp; American Political Development</b>	
2009	<i>The University of Texas at Austin</i>	 Austin, TX USA
2010	<b>Library Committee</b>	
2009	<i>The University of Texas at Austin</i>	 Austin, TX USA
2008	<b>Coordinator, Student Seminar Series, Center for Statistics &amp; the Social Sciences</b>	
2007	<i>University of Washington</i>	 Seattle, WA USA
2008	<b>Coordinator, Workshop on Public Policy Processes, Center for American Politics &amp; Public Policy</b>	
2007	<i>University of Washington</i>	 Seattle, WA USA
2007	<b>Organizer, The Fifth Republic at Fifty: French Politics and Agenda Setting in Comparative Perspective</b>	
	<i>University of Washington</i>	 Seattle, WA USA