SAMUEL WORKMAN, PH.D.

I am a political scientist working at the intersection of American politics, public policy, statistics, and data science. I research the bureaucracy, regulatory politics and policy, and how institutions and organizations search for, generate, and use information. My work typically emphasizes text-as-data, machine learning, and statistical modeling, especially classification, stochastic processes, and likelihood methods. Current academic projects examine congressional bureaucracies, the politics of numbers and measurement, the regulatory politics of education policy, and agenda-setting in food policy.

My teaching spans American politics, public policy, public administration, and research methods. My approach emphasizes an interactive classroom that brings research and data to bear in illustrating key concepts, theories, and characteristics of governing and policy systems. The goal is to help students the politics of these systems and reason through the tradeoffs and tensions inherent in governing systems, public policy, and within organizations.

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. I am a contributor at *Towards Data Science*, where I write on practical applications of data science and statistics. I am also one of the founding Editors of *3Streams*. In addition to editorial duty, I write on rural politics and policy, including Appalachia's politics. My popular writing on data science and rural politics has received over 10k views.

Skills & Experience

- Policy research, data management, statistical analysis & modeling, presentation, reporting & data visualization, machine learning, storytelling with data
- Project Management, grant writing, team leadership & coordination, public speaking
- · Market, sales, and inventory analysis, reporting, and visualization, data-driven decision-making and management
- · Languages: \mathbf{Q} , $\mathbf{E}T_{\mathbf{E}}X$, SAS, SPSS, VBA, SQL, Markdown, CSS, HTML
- · Applications: Rstudio, WinEdt, Beamer, binb, xaringan, MS Word, MS Excel, MS PowerPoint, SQLite, MS Access

ACADEMIC POSITIONS

2021

Associate Professor of Political Science

The University of Oklahoma

Norman, OK USA

- · Faculty Member, Center for Risk & Crisis Management
- · Faculty Member, Big Data & Statistics Working Group
- · Faculty Affiliate, The Comparative Agendas Project, University of Texas
- Faculty Affiliate, Advanced Quantitative Methods Group, Department of Sociology

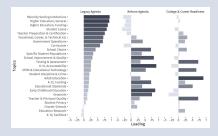
Assistant Professor of Political Science

2016 | 2014

The University of Oklahoma

Norman, OK USA

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



▲ Download a PDF of this CV

CONTACT

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Samuel.workman@

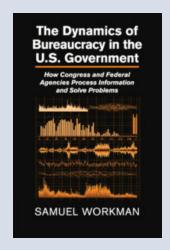
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Norman, OK USA

GET MY BOOK



Last updated 2021-02-08.



S. Workman - Google Scholar

Interests

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

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 numbers
Complexity & the regulation of GMOs
The politics of food security

EDUCATION Ph.D., Political Science 2009 Seattle, WV University of Washington 2005 · 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 M.A., Political Science 2005 Seattle, WV University of Washington 2003 · Fields: American Politics & Research Methodology · Manager: Policy Agendas Project · Donald R. Matthews Fellow M.A., Political Science 2003 Morgantown, WV West Virginia University 2001 · Fields: American Politics & Public Policy · Certification: Public Policy Analysis · Philip V. McGance Fellow B.S., Industrial Relations & Human Resources 2001 Montgomery, WV West Virginia University Institute of Technology 1997 · Specialization: Economics & Labor Relations **IN PROGESS** Measuring Interest Group Agendas in Regulatory Proposals: A Method and 2021 the Case of U.S. Education Policy Interest Groups and Advocacy - Revise & Resubmit. · Samuel Workman, Deven Carlson, Tracey Bark, and Elizabeth Bell Organizational Structure and Policy Change in U.S. Federal Bureaucracies 2021 Regulation and Governance - Under Review. · Samuel Workman, Scott E. Robinson, and Tracey Bark



Center for Statistics in the Social Sciences, University of Washington,

· Samuel Workman

· Samuel Workman

Travel Grant

\$1,000

2008

Funding Organization Review

National Science Foundation

Political Science
Law & Society
Science of Organizations
Decision, Risk, & Management
Sciences

	1	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
	I	· Peter J. May, Joshua Sapotichne, & Samuel Workman

BOOK CHAPTERS

	021	The Code	and Craft	of Punctuated	Equilibrium
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Methods of the Policy Process

- · Samuel Workman, Frank R. Baumgartner, & Bryan D. Jones
- · Forthcoming, May 2021

Building a Smarter Government: Practical Lessons for Policymakers from Punctuated Equilibrium Theory

Practical Lessons from Policy Theories

- · Chris Koski & Samuel Workman
- · Forthcoming, April 2021
- 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 Communications Frameworks and the Supply of Information in Policy Subsystems

Policy Paradigms in Theory and Practice: Discourses, Ideas, and Anomalies in Public Policy Dynamics, Chap. 12, pp. 239–268

- · Samuel Workman & JoBeth Shafran
- 2010 Policymaking, Bureaucratic Discretion, and Overhead Democracy

The Oxford Handbook of American Bureaucracy, Chap. 26, pp. 612–637

- · Samuel Workman, Bryan D. Jones, & Ashley E. Jochim
- The Paradox of Agency Issue Attention: The Bush Administration and Homeland Security

President George W. Bush's Influence over Bureaucracy and Policy: Extraordinary Times, Extraordinary Powers, Chap. 7, 123–146

- · Peter J. May & Samuel Workman
- 2006 Behavioral Rationality and the Policy Processes: Toward A New Model of Organizational Information Processing

Handbook of Public Policy, Chap. 3, pp. 49-74

· Bryan D. Jones, Graeme Boushey, & Samuel Workman

	7	POPULAR WRITING
2021		The Left Doesn't "Speak" WV Senator Joe Manchin 3Streams, January 13
		· Samuel Workman
2020		Want an Elegy? Ask an Appalachian 3Streams, November 12
		· Samuel Workman
2020	•	Four Principles of Data Collection
		Towards Data Science, May 12
		· Samuel Workman
2020		Scraping, Downloading, and Storing PDFs in R: Nested Scrapes to Avoid Button-Clicking
		Towards Data Science, April 9
		· Samuel Workman
2020		Leadership, Policing, and the Veil of Incompetence
		3Streams, June 6
		· Samuel Workman
2020		The County: Simple Street Maps in R
		Medium, March 26
	'	· Samuel Workman
	7	BLOGS
2018		Trump, Governance, and the Nature of Policy Reform
		Policy Studies Journal Yearbook
		· Hank C. Jenkins-Smith & Samuel Workman
2018		Using information processing theory to build a smarter government Policy & Politics Blog
		· Chris Koski & Samuel Workman
2017		How do we get governments to make better decisions?
		Paul Cairney's Policy Blog
	I	· Chris Koski & Samuel Workman

Policy Implementation, Representation, and Democratic Governance 2016 Midwest Political Science Association Blog · Samuel Workman **INTERVIEWS** OU Nighlty Super Tuesday 2020 2020 Interviewed by Lindsey Gibbs, OU Nightly Anchor, March 3rd · Samuel Workman Episode 17: Bryan Jones and Frank Baumgartner 2020 The Co-Authored Podcast, Megaphone - Heath Brown, Host · Samuel Workman Episode 8: Education Policy & Problem Solving 2019 Policy Agenda Podcast, STITCHER - E.J.Fagan & Katherine Madel, Hosts, April 30th · Samuel Workman & Deven Carlson REVIEWS & RESPONSES Thinking in Public about Public Affairs: A Response to, and Expansion of, 2019 Zuo, Qian, and Zhao Policy Studies Journal, Vol. 47 no. S1, pp. S181-S185 · Samuel Workman Review of The Politics of Major Policy Reform in Postwar America, Edited 2016 by Jeffrey A. Jenkins and Sidney M. Milkis Perspectives on Politics, Vol. 14 no. 2, pp. 567-568 · Samuel Workman FELLOWSHIPS & SCHOLARSHIPS College Research Fellowship 2011 College of Liberal Arts, The University of Texas at Austin Austin, TX USA Fellow of the J.J. "Jake" Pickle Regents Chair in Congressional Studies 2011 College of Liberal Arts, The University of Texas at Austin 2010 Austin, TX USA

2008	Graduate Fellow in American Politics and Public Policy	
2003	Center for American Politics and Public Policy, University of	
2005	Washington ◆ Seattle, WA USA	
0005	Clifford C. Clogg Scholarship	
2005	Inter-University Consortium for Political and Social Research (ICPSR),	
	University of Michigan	
	• Ann Arbor, MI USA	
2004	Donald R. Matthews Fellow	
2003	Department of Political Science, University of Washington ◆ Seattle, WA USA	
2003	Phillip V. McGance Fellow	
 2001	Department of Political Science, West Virginia University • Morgantown, WV USA	
	↓ Morganicown, WV 33, C	
	* TEACHING	
	GRADUATE TEACHING	
2021	Introduction to Analysis of Political Data	
	The University of Oklahoma, P SC 5923	Approach & Philosophy
2021	Intermediate Analysis of Political Data	My approach to teaching is interactive and geared toward
	The University of Oklahoma, P SC 5933 ♥ Norman, OK USA	skills development. I also emphasize bringing research &
	· 2015, 2021	data into the classroom. Excersizes involve considerable
2020	Maximum Likelihood Estimation	writing, story-telling with data, and opportunities to develop
	University of Oklahoma, P SC 5940	policy briefs and data analytic skills.
	· 2017 & 2020	Ph.D. Advisees
2019	Agenda Setting in Public Policy	<i>Vicki Lavastida</i> , Ph.D. (exp.
2015	University of Oklahoma, P SC 5053	2024) <i>Gloria Noble</i> , Ph.D. (exp. 2022)
	· 2017 & 2019	Periloux Peay, Ph.D. (2020):
		Georgia State University Tracey Bark, Ph.D. (2019):
2016	Data Visualization The University of Oklahoma, P SC 5940 & The University of Texas at	Auburn University, Montgomery
	Austin, GOV 385L	Montgomery
	♥ Norman, OK & Austin, TX	

· 2010, 2014, & 2016

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 ◆ Norman, OK USA • 2014 & 2020	Ph.D. Committees
2019	Introducation to Political Analysis The University of Oklahoma, P SC 2013 • 2018 (2 sections) & 2019	The University of Oklahoma Morgan Woodle, Ph.D. (exp 2023) Aarika Forney, Ph.D. (exp.
2016	 Regulatory Policy The University of Oklahoma, P SC 4213 • 2015 & 2016 	Lihui Zhang, Ph.D. (2020) Matthew Geras, Ph.D. (2020) Elizabeth Bell, Ph.D. (2019) Jessica Hayden, Ph.D. (2018)
2013	• American Government The University of Texas at Austin, GOV 310 • Austin, TX USA	Paul Valentine, Ph.D. (2018) Victoria Rickard, Ph.D. (2017) David Oakley, M.A. (2017)
	· 2010 - 2013 (13 sections)	Ph.D. Committees
	● PUBLIC LECTURES	The University of Texas at Austir Jonathan Lewallen, Ph.D. (2017)
2017	 University of Kentucky Martin School of Public Policy & Administration Congressional Bureaucracy, Policy Analysis, and Governance in the Administrative State 	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)
2017	The University of Texas at Arlington Haggard Lecture Series P Arlington, TX USA	Undergrad Mentorship
	 Haggard Lecture Series "Delegated Oversight, Institutional Conflict, and the Macro Dynamics of Legislative Policy Analysis" 	Ryan Marsh, B.A. (exp. 2021) Royce Chang, B.S. (2012)
2017	 University of Colorado, Denver School of Public Affairs ♥ Denver, CO USA 	

 \cdot "Governance and Adaptive Problem Solving in the Administrative State"

The University of Texas at Austin 2013 Austin, TX USA Thompson Center Continuing Education · "Teaching AP American Politics & Policy" Aarhus University 2013 • Aarhus, DK Department of Political Science · "Bureaucracy and Problem Solving: Information Processing in the Administrative State" The University of Oklahoma 2012 Norman, OK USA Department of Political Science · "Bureaucracy and "Information Processing: Risk and Governing in the Administrative State" The University of Oklahoma 2011 Norman, OK USA Department of Political Science · "Information Processing & Policy Dynamics" BI Norwegian Business School 2011 Oslow, NO Department of Law & Governance · "Attention, Politics, or Performance? Competing Influences on Oversight by Analytical Bureaucracies in the Regulatory State" Vanderbilt University 2011 Department of Political Science · "Confronting the Administrative Presidency: Analytical Bureaucracy and Congressional Governance" Texas A & M University 2010 Ocollege Station, TX USA Department of Political Science · "The Supply and Demand of Bureaucratic Signals" The University of Texas at Austin 2008 Austin, TX USA Department of Government · "Bureaucratic Signaling and Congressional Priorities in Securities Regulation" University of Colorado 2008 Poulder, CO USA Department of Political Science · "Bureaucratic Signaling and Congressional Priorities in Securities Regulation"

University of Oxford

Nuffield College

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, 2020

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

Western Political Science Association (WPSA)

2014

Southern Political Science Association (SPSA)

2009 & 2020

Association for Public Policy Analysis and Management (APPAM)

2005-2007, & 2019

A POSITIONS IN DISCIPLINE Treasurer, Public Policy 2021 American Political Science Association Aaron Wildavsky Award Committee, Public Policy 2021 American Political Science Association Mentor 2021 American Political Science Association 2016 Mentor 2021 Midwest Political Science Association 2016 Section Chair, Public Management 2019 Southern Political Science Association Presidential Selection Committee, Midwest Public Administration Caucus 2018 (MPAC)

Midwest Political Science Association

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

Discussant

Midwest Political Science Association 2010–2013, 2016– 2017, & 2019

Comparative Policy Agendas Project Conference 2014 & 2017

Congress & History 2016 Southern Political Science Association 2009 & 2011 Southwestern Social Science Association 2017 Association of Public Policy and Management 2019

2016	•	Committee Chair, Best Paper in Public Policy American Political Science Association	
2015 2014		Section Chair, Bureaucratic Politics Midwest Political Science Association	
2012		Section Chair, <i>Public Policy</i> Midwest Political Science Association	
2012 2009	Ť	Executive Council, <i>Public Administration Section</i> American Political Science Association	
	0	SERVICE	
	1	UNIVERSITY	
2021 2017		Inter-Consortium for Political & Social Research (ICPSR) The University of Oklahoma) Representative • Norman, OK USA
2021		Outside-Committee Member (ACR Service) for Paul Pl Mathematics)	ummer (Ph.D
2017		The University of Oklahoma	Norman, OK USA
2020		Signature Initiative Committee: Advancing the Study Resources, and the Environment	of Water, Natural
2017		The University of Oklahoma	Norman, OK USA
	7	DEPARTMENT	
2021		Chair, Research Methodology Field The University of Oklahoma	♥ Norman, OK USA
2016 2021 I		Chair, Strategic Planning Committee	♥ Norman, OK USA
2016		<i>The</i> University <i>of</i> Oklahoma	•
2021 	Ť	Graduate Admissions & Funding Committee The University of Oklahoma	• Norman, OK USA
2014		•	
2018		Peer Teaching Evaluations—Allyson Shortle and Colin The University of Oklahoma	Barry Norman, OK USA
2016		Sponsored Speakers The University of Oklahoma • Peter B. Mortensen (U. of Aarhus, DK) • Anthony M. Bertelli (NYU) • Herschal F. Thomas (UT Arlington)	• Norman, OK USA

2016	I	Moderator, 3rd Presidential Debate, OU Votes	
2010		The University of Oklahoma	🕈 Norman, OK USA
2016		Carl Albert Center (CAC) Search Committee	
20.0		The University of Oklahoma	🗣 Norman, OK USA
2015		MPA Admissions Committee	
20.0		The University of Oklahoma	🗣 Norman, OK USA
2014		American Politics Search Committee	
		The University of Oklahoma	🕈 Norman, OK USA
2014		Ewing Fellowship Selection Committee	
		The University of Oklahoma	🗣 Norman, OK USA
2013		Associate Director, Policy Agendas Project	
 2009		The University of Texas at Austin	Austin, TX USA
		Graduate Admiissions Committee	
2013 	Ĭ	The University of Texas at Austin	• Austin, TX USA
2012		The University of Texas at Austin	
2013	Ť	Peer Teaching Review Committee	A A A TO LICA
1 2011		The University of Texas at Austin	Austin, TX USA
2013		Human Subjects Review Committee	
2000		The University of Texas at Austin	Austin, TX USA
2009		Course Transformation Committee	
2011	Ĭ	The University of Texas at Austin	• Austin, TX USA
2011		Latino Public Policy Search Committee	
2011 	Ĭ	The University of Texas at Austin	• Austin, TX USA
2010			
2011	•	Centennial Lecture Series Committee	• Austin TVIICA
2010		The University of Texas at Austin	Austin, TX USA
2010		Chair, J.J. Pickle Speaker Series in American Institution	ons, Public Policy, &
2000		American Political Development	• • • • • • • • • • • • • • • • • • • •
2009		The University of Texas at Austin	Austin, TX USA
2010	•	Library Committee	• • • • • • • • • • • • • • • • • • • •
1 2009		The University of Texas at Austin	Austin, TX USA
2008		Coordinator, Student Seminar Series, Center for Stati	stics & the Social
		Sciences	• • • • • • • • • • • • • • • • • • • •
2007		University of Washington	Seattle, WA USA
2008	•	Coordinator, Workshop on Public Policy Processes, Ce	enter for American
 2007		Politics & Public Policy	Seattle, WA USA
	Ţ	University of Washington	
2007		Organizer, The Fifth Republic at Fifty: French Politi in Comparative Perspective	cs and Agenda Setting
	•	University of Washington	Seattle, WA USA
		ccrordy or readmington	

60 JOURNAL REVIEWER

American Political Science Review American Journal of Political Science The Journal of Politics Perspectives on Politics British Journal of Political Science Political Research Quarterly The Policy Studies Journal Policy Sciences Journal of Public Administration Research & Theory Public Administration Review Governance Journal of Comparative Policy Analysis Journal of European Public Policy Journal of Public Policy Public Administration Social Science Quarterly American Review of Politics Cognitive Systems Research International Journal of Disaster Risk Reduction Congress & the Presidency Public Administration Quarterly Legislative Studies Quarterly The R Journal Political Analysis

TRAINING & CERTIFICATES Award in Wines, WSET Level 1 2019 Wine & Spirits Education Trust - London, UK **♀** Dallas Wine Education Center Grape Management (Certificate) 2016 Perkins, OK Oklahoma State University Pregnancy Determination in Cattle (Certificate) 2015 **♀** Gainsville, TX Texas A&M Agrilife Extension Service AI Management in Cattle 2015 **Q** Gainsville, TX North Central Texas College Program in Quantitative Methods 2005 Inter-Consortium for Political & Social Research, University of Michigan • Ann Arbor, MI Public Policy Analysis (Certificate) 2003 Morgantown, WV West Virginia University