

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, 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:  R, *LATEX*, SAS, SPSS, VBA, SQL, Markdown, CSS, HTML
- Applications: Rstudio, WinEdt, Beamer, binb, xaringan, MS Word, MS Excel, MS PowerPoint, SQLite, MS Access



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ACADEMIC 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*

2016
|
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
|
2010

Assistant Professor of Government

The University of Texas at Austin

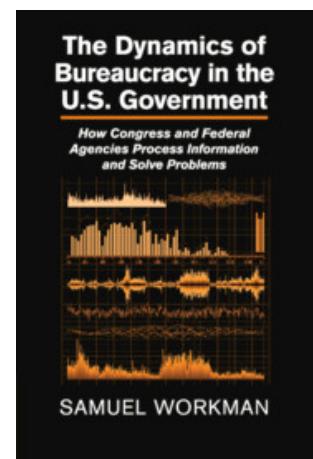
 Austin, TX USA

- Associate Director, *Policy Agendas Project*

CONTACT

-  samuelworkman.org
-  [samuel.workman@](mailto:samuel.workman@okstate.edu)
-  [SamuelWorkman](#)
-  [samuel-workman](#)
-  [SamuelGWorkman](#)
-  [\[at\]samuel.workman](mailto:[at]samuel.workman)
-  [Norman, OK USA](#)

GET MY BOOK



Last updated 2020-04-10.

2010
|
2008

J.J. "Jake" Pickle Research Fellow
The University of Texas at Austin

📍 Austin, TX USA

2019
|
2018

PRIVATE SECTOR DATA & STATISTICAL CONSULTING

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

✉ S. Workman - Google Scholar

Interests

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

2020
|
2016

EDITORIAL POSITIONS & BOARDS

Associate Editor

Public Administration

📍 Wiley-Blackwell

2020
|
2019

Editorial Board Member

Policy Studies Journal

📍 Wiley-Blackwell

Approaches

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



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 Projects

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

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
• Specialization: Economics & Labor Relations

📍 Montgomery, WV

★ 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	📍 Gainesville, TX
2015	AI Management in Cattle North Central Texas College	📍 Gainesville, 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

☰ BOOKS

2020	<i>Methods of the Policy Process</i> Routledge • Christopher M. Weible & Samuel Workman • Under Contract	📍 Abingdon, UK
2015	<i>The Dynamics of Bureaucracy in the U.S. Government: How Congress and Federal Agencies Process Information and Solve Problems</i> Cambridge University Press • Samuel Workman • Reviewed in <i>Perspectives on Politics</i> , 2016, Vol. 14(2), pp. 572–574. • Reviewed in the <i>Journal of Public Administration Research & Theory</i> , 2017, Vol. 27(4), pp. 711–713.	📍 Cambridge, UK



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

Liberal Arts Instructional Technology Grant

College of Liberal Arts, The University of Texas at Austin, \$34,770

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

2010

Undergraduate Research Apprenticeship

College of Liberal Arts, The University of Texas at Austin, \$2,000

- Samuel Workman

2008

Travel Grant

Center for Statistics in the Social Sciences, University of Washington, \$1,000

- Samuel Workman



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 **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

2009	<p>The Paradox of Agency Issue Attention: The Bush Administration and Homeland Security</p> <p><i>President George W. Bush's Influence over Bureaucracy and Policy: Extraordinary Times, Extraordinary Powers</i>, Chap. 7, 123–146</p> <ul style="list-style-type: none">• Peter J. May & Samuel Workman
2006	<p>Behavioral Rationality and the Policy Processes: Toward A New Model of Organizational Information Processing</p> <p><i>Handbook of Public Policy</i>, Chap. 3, pp. 49–74</p> <ul style="list-style-type: none">• Bryan D. Jones, Graeme Boushey, & Samuel Workman



BLOGS

2018	<p>Trump, Governance, and the Nature of Policy Reform</p> <p><i>Policy Studies Journal Yearbook</i></p> <ul style="list-style-type: none">• Hank C. Jenkins-Smith & Samuel Workman
2018	<p>Using information processing theory to build a smarter government</p> <p><i>Policy & Politics Blog</i></p> <ul style="list-style-type: none">• Chris Koski & Samuel Workman
2017	<p>How do we get governments to make better decisions?</p> <p><i>Paul Cairneyâ€™s Policy Blog</i></p> <ul style="list-style-type: none">• Chris Koski & Samuel Workman
2016	<p>Policy Implementation, Representation, and Democratic Governance</p> <p><i>Midwest Political Science Association Blog</i></p> <ul style="list-style-type: none">• Samuel Workman



INTERVIEWS

2020	<p>OU Nightly Super Tuesday 2020</p> <p>Interviewed by Lindsey Gibbs, OU Nightly Anchor, March 3rd</p> <ul style="list-style-type: none">• Samuel Workman
2020	<p>Episode 17: Bryan Jones and Frank Baumgartner</p> <p><i>The Co-Authored Podcast</i>, Megaphone - Heath Brown, Host</p> <ul style="list-style-type: none">• 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



FELLOWSHIPS & SCHOLARSHIPS

2011

College Research Fellowship

College of Liberal Arts, The University of Texas at Austin

📍 Austin, TX USA

2011

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2010

Fellow of the J.J. "Jake" Pickle Regents Chair in Congressional Studies

College of Liberal Arts, The University of Texas at Austin

📍 Austin, TX USA

2008

|

2003

Graduate Fellow in American Politics and Public Policy

Center for American Politics and Public Policy, University of Washington

📍 Seattle, WA USA

2005

Clifford C. Clogg Scholarship

Inter-University Consortium for Political and Social Research (ICPSR), University of Michigan

📍 Ann Arbor, MI USA

2004

|

2003

Donald R. Matthews Fellow

Department of Political Science, University of Washington

📍 Seattle, WA USA

2003

|

2001

Phillip V. McGance Fellow

Department of Political Science, West Virginia University

📍 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

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)*

Ph.D. Committees

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)*



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

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	BI Norwegian Business School <i>Department of Law & Governance</i>	📍 Oslo, NO
	• "Attention, Politics, or Performance? Competing Influences on Oversight by Analytical Bureaucracies in the Regulatory State"	
2011	Vanderbilt University <i>Department of Political Science</i>	
	• "Confronting the Administrative Presidency: Analytical Bureaucracy and Congressional Governance"	
2010	Texas A & M University <i>Department of Political Science</i>	📍 College Station, TX USA
	• "The Supply and Demand of Bureaucratic Signals"	
2008	The University of Texas at Austin <i>Department of Government</i>	📍 Austin, TX USA
	• "Bureaucratic Signaling and Congressional Priorities in Securities Regulation"	
2008	University of Colorado <i>Department of Political Science</i>	📍 Boulder, CO USA
	• "Bureaucratic Signaling and Congressional Priorities in Securities Regulation"	
2007	University of Oxford <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	Mentor American Political Science Association	
2020	Mentor Midwest Political Science Association	Discussant
2019	Section Chair, <i>Public Management</i> Southern Political Science Association	<i>Midwest Political Science Association</i> 2010–2013, 2016–2017, & 2019 <i>Comparative Policy Agendas Project Conference</i> 2014 & 2017 <i>Congress & History</i> 2016 <i>Southern Political Science Association</i> 2009 & 2011 <i>Southwestern Social Science Association</i> 2017 <i>Association of Public Policy and Management</i> 2019
2018	Presidential Selection Committee, <i>Midwest Public Administration Caucus</i> (MPAC) Midwest Political Science Association	
2016	Committee Chair, <i>Best Paper in Public Policy</i> American Political Science Association	
2015	Section Chair, <i>Bureaucratic Politics</i> Midwest Political Science Association	
2012	Section Chair, <i>Public Policy</i> Midwest Political Science Association	
2012	Executive Council, <i>Public Administration Section</i> American Political Science Association	

SERVICE

UNIVERSITY

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

DEPARTMENT

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

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