

Ole J. Forsberg, Ph.D.**Oklahoma State University**

Department of Statistics

301 Math Sciences (MSCS)

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Areas of Interest

Electoral forensics
Methods and methodology
Active learning and simulations
Statistical consulting

Current Research

Remote detection of electoral fraud
Democracy: Peace and terrorism

Education **Oklahoma State University** (2010–2014, expected) **Ph.D.**

Statistics

Dissertation: Electoral Forensics: Testing the Free and Fair Hypothesis.

Johns Hopkins University (2008–2010) **M.S.E.**

Applied Mathematics and Statistics

University of Tennessee (2002–2006) **Ph.D.**

Political Science: International Relations; American Government

Dissertation: The Pressure Model of Terrorism: A behaviorist explanation for ethnonational terrorism in Western Europe, 1945–2000.

The dissertation was awarded the 2005–2006 Yates Dissertation Fellowship.

University of Tennessee (2002–2005) **M.A.**

Political Science: International Relations, American Government, Methodology

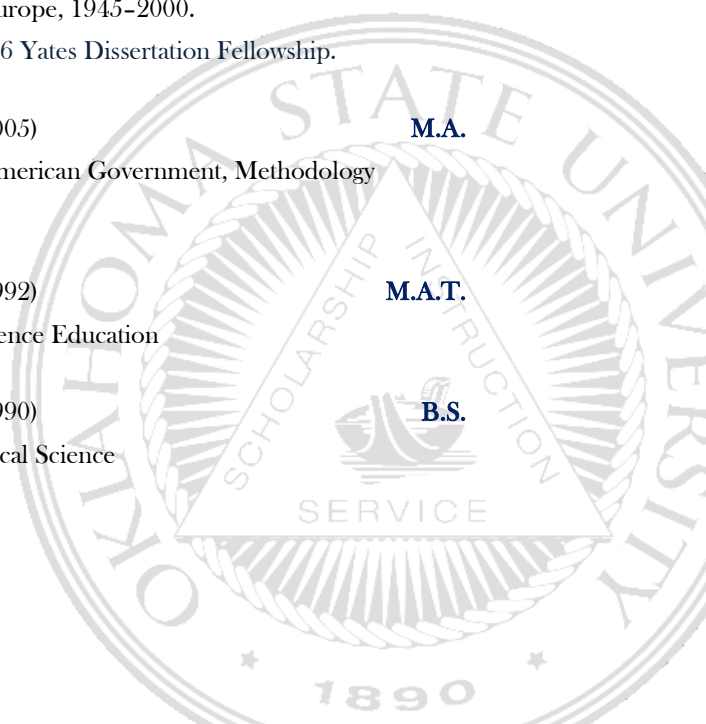
Minor: Environmental Policy

Johns Hopkins University (1990–1992) **M.A.T.**

Secondary Education: Mathematics and Science Education

University of Portland (1986–1990) **B.S.**

Majors: Mathematics, Physics; Minor: Political Science



**Professional
Experience**

Oklahoma State University	(2010–present)	Graduate TA
Courses: Elementary Statistics; Engineering Statistics; Statistical Methods I and II; Statistical Methods for Social Scientists I and II		
University of Maryland University College	(2008–present)	Adjunct Associate Professor
Courses: Introduction to Political Philosophy; Introduction to Political Science; American Government; History of Terrorism; Global Terrorism; State Terrorism		
Oklahoma State University	(2010–2011)	Lecturer
Courses: Introduction to International Politics; Quantitative Methods for Fire and Emergency Management		
Loyola College in Maryland	(2008–2010)	Adjunct Professor
Courses: International Politics; International Law		
Oak Ridge National Laboratory	(2007–2008)	Research Scientist
Project: Research scientist on the Group Violent Intent Modeling (GVIM) Project, in coordination with the Pacific Northwest National Laboratory and the Department of Homeland Security’s Directorate of Science and Technology		
Supervisor: Jack C. Schryver		
Creighton University	(2007–2008)	Resident Assistant Professor
Courses: American Government and Politics; Introduction to World Politics; Issues and Challenges in American Foreign Policy; Ethnicity, Nationalism and Democracy; Seminar: A Study of Scarlet—Terrorism Today; International Law		
University of Tennessee	(2006–2007)	Research Assistant
Project: Coder for the Legislative Action Report project, which coded how the Venezuelan national newspaper, <i>El Nacional</i> , covered the laws passed and published in Venezuela between 1974 and 2005.		
Supervisor: Jana Morgan		
University of Tennessee	(2006–2007)	“Torchbearer” Lecturer
Courses: Introduction to Political Science; Introduction to International Relations; Contemporary Issues in International Relations; Ethnic Conflict in Foreign Countries; International Law		
Tennessee Technology University	(Spring 2006)	Adjunct Instructor
Course: American Government and Politics		
University of Tennessee	(2002–2006)	Graduate TA
Courses: American Government; Introduction to Political Science		

Publications

Books

Forsberg, O. (Ongoing). *R for Starters: Statistics with your computer*. Available online at <http://rfs.kvasaheim.com/>.

Forsberg, O. (2007). *Terrorism and Nationalism: Theory, Causes and Causers*. (Saarbrücken, Germany: VDM-Verlag).

Articles

Forsberg, O. (In Prep). "The Spatial-Lagged Expansion Method: An alternative to geographically weighted regression."

Forsberg, O. (In Prep). "The Generalized Benford Distribution and Vote Counting: There is still hope."

Payton, M. and Forsberg, O. (In Prep). "Are Political Polls Telling Us What We Need to Know? The Eroding of Battleground State Presidential Polling Performances."

Forsberg, O. (2007). "Liberal versus Conservative: Do terrorist groups care which party is in power?" *Democracy and Global Security*. Proceedings of the Second Istanbul Conference on Democracy and Global Security, June 2007. (Ankara, Turkey: ONCU Press).

Forsberg, O. (2007). "Another Shot at the Democratic Peace: Are Democracies More Aggressive than Non-Democracies in Militarized Interstate Disputes?" *Journal of Humanities and Social Science*. 1(2)

Encyclopedia Entries

Forsberg, O. (2006). Encyclopedia of Civil Rights and Liberties. Edited by Otis Stephens, John Scheb, and Kara Stooksbury. (Westport, CT: Greenwood Press): "Classical Conservatism"; "*In re Quirin*"; "*Johnson v. Eisentrager*"; "The Polygraph"

Forsberg, O. (2006). Encyclopedia of American Parties and Elections. Edited by Larry J. Sabato and Howard Ernst. (New York: Facts on File): "At-Large Elections"; "Voting by Mail"

Contracted Whitepapers

"Social Science of Group Conflict and Violence." 2008. Prepared for and Funded by the Department of Homeland Security S&T Human Factors Division. Location: Oak Ridge National Laboratory. Lead Investigators: Jack Schryver and Line Pouchard; Working Group: Ole Forsberg, Sophia Moskalenko, Steve Pampinella

"Regional Efforts to Deploy Clean Coal Technologies: Impacts and implications for water supply and quality". 2004. Prepared for the Southern States Energy Board. Funded by the US Department of Energy and the Southeast Water Supply Initiative. Lead Investigator: David L. Feldman; Working Group: Jennie R. Cassie, Ole J. Forsberg

Consulting

Njoki Mwarumba (Oklahoma State University) 2013–present. Examining the relationships among pandemic mortality, government expenditures, and cell-phone prevalence in East Africa.

Justin McBride (Oklahoma State University) 2014. Examined the use of English and native languages in Native American populations.

Lisa Brown (Pennsylvania State University, NASA) 2010–2011. Analyzed pre- and post-unit surveys for significant differences in attitudes toward science.

Andrew Dunsmore (Johns Hopkins University) 2007–2011. Analyzed effect of earmarked funding on NSF funding at the university level.

Linus Gillory (Oklahoma State University) 2011–2012. Examined differences in preparedness of science teachers in two domains across nine years.

Joan Sanders (Oklahoma State University) 2011. Examined differences in science enrollment based on location with respect to the Gulf Coast.

Debra Shipman (Oklahoma State University) 2012. Investigated the effects of relative wealth on voting behavior.

Presentations

Invited

“Polls in the United States: Getting information from the nation.” Department of Statistics, Oklahoma State University, November 2012, Stillwater, Oklahoma.

“Liberal versus Conservative: Do terrorist groups care which party is in power?” Second Istanbul Conference on Democracy and Global Security, June 2007, Istanbul, Turkey.

Posters

“Testing the ‘Free and Fair’ Hypothesis in Colorado’s Election.” Joint Statistical Meetings, August 2013, Montréal, Canada.

“Using the Logit-normal Distribution in Electoral Forensics.” Joint Statistical Meetings, August 2012, San Diego, CA.

“The Next Step in Electoral Forensics.” Oklahoma Research Day, November 2011, Lawton, OK.

Academic

“Free and Fair? Investigating the results of the 2010 Sri Lankan presidential election.” International Studies Association–Midwest, November 2011, St. Louis, MO.

“Does it Really Matter: Does the definition of terrorism really matter in the case of ‘The Troubles’ of Northern Ireland (1969–2002)?” Western Political Science Association, March 2008, San Diego, CA.

“Government Orientation as a Correlate of Terrorism: Do terror groups respond to the level of parliamentary conservatism?” Nordic International Studies Association, May 2007, Odense, Denmark.

“Terror and the Ballot Box: Do terror groups respond to a government’s political orientation?” Comparative Interdisciplinary Studies, July 2006, The Hague, Netherlands.

“Political Parties and Terrorism: Another reason democracies are more prone to domestic terrorism.” International Studies Association, March 2006, San Diego, CA.

“Another Shot at the Democratic Peace: Are democracies more aggressive than non-democracies in Militarized Interstate Disputes?” International Studies Association, March 2006, San Diego, CA.

“Political Parties, Terrorism, and a Formal Theory.” International Studies Association–South, November 2005, Miami, FL.

“Democracies as a Target of Terrorism: Open societies and political parties.” International Studies Association–Midwest, October 2005, St. Louis, MO.

“Who are the Victims? Assessing the propensity for democracies to be the target of initial force in Militarized Interstate Disputes, 1980–2000.” American Political Science Association, September 2005, Washington, DC.

“Ethnonational Terrorism: An empirical theory of indicators at the State level, 1985–2000.” World International Studies, August 2005, Istanbul, Turkey.

“The Democratic Peace Thesis and the First Use of Force.” International Studies Association–Midwest, November 2004, St. Louis, MO.

Grants

Creighton University Graduate School Academic Grant
(Fall 2007)

Department of Political Science Graduate Student Conference Travel Grant
(Spring 2005)

Department of Political Science Graduate Student Professional Development Grant
(Spring 2005)

Honors and Awards	Outstanding TA for the College Arts and Sciences, Oklahoma State University (2014)
	“Torchbearer” Lecturer, Department of Political Science, University of Tennessee (2006)
	Yates Dissertation Fellowship, University of Tennessee: \$15,000 (2005)
	Pi Sigma Alpha National Honor Society, University of Tennessee (2005)
	Graduate Fellow, American Academy of Political and Social Science (2004)
	Delta Epsilon Sigma National Honor Society, University of Portland (1990)
	Alpha Lambda Delta National Honor Society, University of Portland (1987)
Professional Service	Thesis Advisor (2006–2007) “Between Failure and Sovereignty: Trusteeship in Southeastern Europe” Matthew Durnin, University of Tennessee
	Faculty Advisor (2006–2007) Graduate Student Organization: Political Science Department of Political Science, University of Tennessee
	Panel Chair/Discussant (March 2007) Proliferation; Regime Types and Violence Western Political Science Association: Las Vegas, NV
	Panel Chair (March 2006) Challenges to Interests in Peace & Democracy Western Political Science Association: Albuquerque, NM
	Panel Chair/Discussant (October 2005) Understanding and Combating Terrorism International Studies Association – Midwest: St. Louis, MO
	Panel Chair (August 2005) New Perspectives on Terrorism World International Studies Conference: Istanbul, Turkey
	Professional American Statistical Society

Memberships

Statistical Consulting Section
Joint Government & Social Statistics Section
Joint Statistical Computing & Graphics Section
American Political Science Association

References**Mark E. Payton**

Regents Service Professor
Department Head

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