

# TODD GRAHAM SMITH

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## ACADEMIC APPOINTMENTS

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ASSISTANT PROFESSOR <i>Department of Political Science, University of Nevada, Reno</i>	JULY 2015 – PRESENT <i>Reno, Nevada</i>
SENIOR RESEARCHER <i>Peace Research Institute Oslo (PRIO)</i>	JANUARY – AUGUST 2017 <i>Oslo, Norway</i>
VISITING RESEARCH SCHOLAR <i>University of Cape Town</i>	SEPTEMBER – DECEMBER 2014 <i>Cape Town, South Africa</i>
RESEARCH ASSISTANT <i>The Robert S. Strauss Center for International Security and Law</i>	JULY 2009 – AUGUST 2015 <i>Oslo, Norway</i>
<ul style="list-style-type: none"><li>• Climate Change and African Political Stability (CCAPS) funded by U.S. Department of Defense</li><li>• Complex Emergencies and Political Stability in Asia (CEPSA) funded by U.S. Department of Defense</li></ul>	
RESEARCH ASSOCIATE <i>Impumelelo Innovations Award Trust</i>	MAY – AUGUST 2008 <i>Cape Town, South Africa</i>
<ul style="list-style-type: none"><li>• Authored book of case studies with an introductory policy review for distribution to South African governmental offices and NGOs to promote replication of best practices in environmental programs.</li></ul>	

## EDUCATION

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DOCTOR OF PHILOSOPHY IN PUBLIC POLICY LBJ School of Public Affairs, The University of Texas at Austin	2009 – 2015 Austin, Texas
<ul style="list-style-type: none"><li>• <i>Dissertation:</i> Feeding Unrest: Food prices, food security and protest participation in Africa and South Africa<ul style="list-style-type: none"><li>○ <i>Supervisor:</i> Joshua W. Busby</li><li>○ <i>Committee members:</i> Robert H. Wilson, Carolyn Heinrich, Michael G. Findley, and Cullen Hendrix</li></ul></li><li>• Portfolio in Applied Statistical Modeling</li></ul>	
MASTER OF PUBLIC AFFAIRS LBJ School of Public Affairs, The University of Texas at Austin	2009 Austin, Texas
DOCTOR OF LAW Emory University Law School	1994 Atlanta, Georgia
B.A. IN POLITICAL SCIENCE Lipscomb University	1991 Nashville, Tennessee

## RESEARCH INTERESTS

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Climate change and conflict, sociopolitical protest, social movements, climate change adaptation, food security, sustainable development, African politics, quantitative and mixed methods, program evaluation, spatial analysis

## PUBLICATIONS

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### PEER-REVIEWED PUBLICATIONS

- Smith, Todd G. and Halvard Buhaug. "Urban unrest and food prices in the developing world." (*Under review*).
- Busby, Joshua W., Todd G. Smith, Nisha Krishnan, Charles Wight, and Santiago Vallejo-Gutierraz. "In harm's way: Climate security vulnerability in Asia." (*Revise and resubmit*).
- Wilson, Robert H. and Todd G. Smith. (2016). "Urban resilience to climate change challenges in Africa." In K. Archer & K. Bezdecny (eds.), *Handbook of Cities and the Environment* (pp. 208–242). Northampton, MA: Edward Elgar Publishing.
- Smith, Todd Graham. (2014) "Feeding unrest: Disentangling the causal relationship between food price shocks and sociopolitical conflict in urban Africa." *Journal of Peace Research* 51(6): 679–95.
- Busby, Joshua W., Todd G. Smith, and Nisha Krishnan. (2014) "Climate security vulnerability in Africa mapping 3.0." *Political Geography*, Special Issue: Climate Change and Conflict, 43: 51–67.
- Buhaug, Halvard, et al. (2014). "One effect to rule them all? A comment on climate and conflict." *Climatic Change*, 127(3–4): 391–397.
- Busby, Joshua W., Kerry H. Cook, Edward K. Vizey, Todd G. Smith, et al. (2014) "Identifying hot spots of security vulnerability associated with climate change in Africa." *Climatic Change* 124(4): 717–731.
- Busby, Joshua W., Todd G. Smith, Kaiba L. White, and Shawn M Strange. (2013) "Climate change and insecurity: Mapping vulnerability in Africa." *International Security* 37(4): 132–172.
- Busby, Joshua W., Jay Gulledge, Todd G. Smith, and Kaiba White. (2012) "Of climate change and crystal balls: The future consequences of climate change in Africa." *Air & Space Power Journal: Africa & Francophonie* 3(3): 4–44.
- Busby, Joshua W., Todd G. Smith, Kaiba L. White, and Shawn M. Strange. (2012) "Locating climate insecurity: Where are the most vulnerable places in Africa?" In *Climate Change, Human Security and Violent Conflict*, vol. 8, 463–512. Hexagon Series on Human and Environmental Security and Peace.

### WORKS IN PROGRESS

- Smith, Todd Graham. "Poverty, parties, and protest participation: Survey evidence from Cape Town, South Africa."
- Smith, Todd Graham, "Relative deprivation and protest participation in post-apartheid South Africa."
- Smith, Todd Graham, Halvard Buhaug, Andreas Forø Tollefson, and Ida Rudolfson, "Food riots? Evaluating alternative explanations"
- Smith, Todd Graham and Ida Rudolfson, "Hunger or hardship? The exceptionalism of the cost of food as a driver of urban unrest"
- Smith, Todd Graham and Ida Rudolfson, "Protest participation and urban poverty: Survey evidence from Johannesburg, South Africa"

### BOOK CHAPTERS

- Smith, Todd G. (2012) "Fighting in the rain: Monthly rainfall extremes and social unrest in Africa." In *Climate Change and Pastoralism: Traditional Coping Mechanisms and Conflict in the Horn of Africa*, 271–306. Addis Ababa, Ethiopia: Institute for Peace and Security Studies, Addis Ababa University and University for Peace, Africa Programme.

Busby, Joshua W., Todd G. Smith, and Kaiba L. White. (2012) "Climate security and east Africa: A GIS-based analysis of vulnerability." In *Climate Change and Pastoralism: Traditional Coping Mechanisms and Conflict in the Horn of Africa*, 56–87. Addis Ababa, Ethiopia: Institute for Peace and Security Studies, Addis Ababa University and University for Peace, Africa Programme.

#### OTHER PUBLICATIONS

Busby, Joshua, Todd Smith, Nisha Krishnan, and Charles Wight. (2016). *Climate Security Vulnerability in Asia 1.0*. CEPISA Research Brief No. 1. Austin, Texas: Strauss Center for International Security and Law.

Wilson, Robert H. and Todd G. Smith. (2014) *Urban Resilience to Climate Change Challenges in Africa*. CCAPS Working Paper Series No. 4. Austin, Texas: Strauss Center for International Security and Law.

Smith, Todd G. (2013) *Food Price Spikes and Social Unrest in Africa*. CCAPS Research Brief No. 11. Austin, Texas: Strauss Center for International Security and Law.

Smith, Todd. (2012) "Enriching lives, preserving the planet: Sustainable development in South Africa." *LBJ Journal of Public Affairs* 20: 43–55.

Busby, Joshua W., Kaiba L. White, and Todd G. Smith. (2010) *Mapping Climate Change and Security in North Africa*. Climate and Security Series. Washington, DC: German Marshall Fund of the United States.

Busby, Joshua W., Todd G. Smith, Kaiba L White, and Shawn M. Strange. (2010) *Locating Climate Insecurity: Where Are the Most Vulnerable Places in Africa?* CCAPS Working Paper Series No. 1. Austin, Texas: Strauss Center for International Security and Law.

Smith, Todd G. and Andrew Hartneck. (2008) *Environment, vol. II*. Impumelelo Case Study Series. Cape Town, South Africa: Impumelelo Social Innovations Centre.

#### TEACHING

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##### UNIVERSITY OF NEVADA, RENO

- Graduate-level Research Methods for Political Science (PSC 780), Fall 2016 & Fall 2017
- Politics and Problems of Developing Countries (PSC 407I / 607I), Spring 2016 & Fall 2017
- Introduction to Comparative Politics (PSC 211), Fall 2016
- Model United Nations (IAFF 300), Spring 2016
- International Security (PSC 405U / 605U), Fall 2015

##### LBJ SCHOOL OF PUBLIC AFFAIRS, THE UNIVERSITY OF TEXAS AT AUSTIN

- Deputy Director, Urban Resilience to Climate Change Challenges in Africa Policy Research Project, Fall 2012 & Spring 2013
- Teaching Assistant:
  - Statistical Reasoning for Decision Making, Prof. Chandler Stolp and Prof. Robert Wilson, Summer 2014
  - Applied Econometrics for Policy Analysis, Prof. Robert Wilson, Spring 2014
  - Introduction to Empirical Methods, Ron Hagquist, Fall 2013
  - Public Program Evaluation, Prof. Carolyn Heinrich, Spring 2012
  - Analytical Methods for Global Policy Studies, Prof. Jennifer Bussell, Fall 2011
  - International Development Aid for Climate Change Adaptation in Africa, Prof. Catherine Weaver, Fall 2010 & Spring 2011
  - Locating Climate Change Vulnerability in Africa, Prof. Josh Busby, Fall 2009 & Spring 2010
  - Basic Econometrics, Prof. Chandler Stolp, Spring 2009
  - Analytical Methods for Global Policy Studies, Prof. Chandler Stolp, Fall 2008

**GRANTS & AWARDS**

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PROGRAM ON CORRELATES OF DISASTER MORTALITY U.S. Department of Defense Minerva Initiative	2017
<ul style="list-style-type: none"> <li>• Co-PI with Joshua Busby on proposed \$1.9 million project</li> <li>• Plan to resubmit to future calls</li> </ul>	
PEACE RESEARCH INSTITUTE OSLO STRATEGIC INITIATIVES GRANT	2017
<ul style="list-style-type: none"> <li>• \$11,000 to conduct household survey research in Johannesburg, South Africa</li> </ul>	
KLIMAFORSK GUEST RESEARCHER STIPEND Norwegian Research Council	2017
<ul style="list-style-type: none"> <li>• Project on Climate Variability, Food Insecurity, and Social Unrest</li> <li>• \$27,000 to support 7.5-month research residency in Oslo, Norway</li> </ul>	
UNIVERSITY OF NEVADA, RENO INTERNATIONAL ACTIVITIES GRANT	2016
<ul style="list-style-type: none"> <li>• \$3,000 for development of a study abroad short course in South Africa</li> </ul>	
MINERVA GRANT EXTENSION FOR DISSERTATION RESEARCH Army Research Office, U.S. Department of Defense	2014
<ul style="list-style-type: none"> <li>• \$12,000 to fund four months of field research in South Africa</li> </ul>	
CLIMATE CHANGE & AFRICAN POLITICAL STABILITY RESEARCH ASSISTANTSHIP U.S. Department of Defense Minerva Initiative	2009 – 2014
<ul style="list-style-type: none"> <li>• Tuition support and salary during PhD program</li> </ul>	
TEXAS EXES TEACHING AWARD	2009
<ul style="list-style-type: none"> <li>• Student nominated and awarded for a commitment to students having “an effective and positive influence on the educational experience and lives of those they teach.”</li> </ul>	

**SELECTED CONFERENCE PRESENTATIONS AND GUEST LECTURES**

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- Invited lecture to the Peace Research Course, International Summer School, University of Oslo, Norway. *Climate change and conflict: What we know (and don't know) and how we know it.* 24 July 2017.
- Invited lecture at the Baltic Defense College, Tartu, Estonia. *Conflict Trends and Global Changes.* 17 March 2017.
- “Food Prices and Urban Unrest in the Developing World”
- International Studies Association Annual Convention, Baltimore, MD, February 2017
- “Relative deprivation and protest participation in South Africa.”
- International Studies Association Annual Convention, Atlanta, GA, March 2016
  - Conflict Research Society Annual Conference, University of Kent, Canterbury, UK, September 2015
- “Determinants of individual participation in service delivery protests: Survey evidence from Cape Town, South Africa.”
- African Studies Association Annual Meeting, San Diego, CA, November 2015
  - International Studies Association Annual Convention, New Orleans, LA, February, 2015
- “The Effects of Rising Food Prices on Social Unrest: A Global Analysis”
- International Studies Association Annual Convention, Toronto, Canada, March 2014
- “Food price spikes and social unrest in Africa”
- Midwest Political Science Association Annual Meeting, Chicago, IL, April 2013
  - American Political Science Association Annual Meeting, Chicago, IL, September 2013

“Climate Security Vulnerability in Africa Mapping 3.0”

- International Studies Association Annual Convention, San Francisco, CA, April 2013
- Climate Change and Development Policy, UNU-Wider, Helsinki, Finland, September 2012

“Precipitation, Prices and Protests: Investigating the Link Between Rainfall Deviations, Consumer Food Prices and Social Unrest

- Climate Change and Security at the Crossroads, University of Adger, Kristiansand, Norway, June 2012
- African Studies Association Annual Meeting, Philadelphia, PA, December, 2012
- American Political Science Association Annual Meeting, New Orleans, LA, September 2012

“Locating Climate Insecurity in Africa: A GIS-Based Analysis of Vulnerability”

- Interparliamentary Dialogue on Climate Change in Relation to Peace and Security in Africa sponsored by Friedrich Ebert Stiftung, Addis Ababa, Ethiopia, March 2012
- Climate Change and Conflict: International Prevention and Response Strategies sponsored by Konrad Adenauer Stiftung, Brussels, Belgium, February 2012

“Climate Security and East Africa: A GIS-Based Analysis of Vulnerability”

- UNFCCC COP17/CMP7 side event sponsored by International Institute for Sustainable Development, Durban, South Africa, December 2011
- Climate Change and Fragile States: Resilient Development and the Struggle for Security sponsored by International Institute for Sustainable Development, Ottawa, Canada, September 2011
- Climate Change and Pastoralism: Traditional Coping Mechanisms and Conflict in the Horn of Africa sponsored by Institute for Security Studies, Addis Ababa, Ethiopia, September 2011

“Fighting in the Rain: Monthly Rainfall Extremes and Social Unrest in Africa”

- International Studies Association Annual Convention, Montreal, Canada, March 2011
- Climate Change and Pastoralism: Traditional Coping Mechanisms and Conflict in the Horn of Africa sponsored by Institute for Security Studies, Addis Ababa, Ethiopia, September 2011

## ADDITIONAL PROFESSIONAL EXPERIENCE

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RESEARCH ASSISTANT / FIELDWORK SUPERVISOR <i>International Food Policy Research Institute</i>	MAY 2011 – JULY 2011 <i>Northern Uganda</i>
COUNTRY / PROJECT LOGISTICIAN <i>Médecins Sans Frontières / Doctors Without Borders</i>	FEBRUARY 2003 – NOVEMBER 2004 <i>China / Ethiopia</i>
SOLE PRACTITIONER ATTORNEY <i>Todd G. Smith, Attorney at Law</i>	OCTOBER 1994 – JULY 1996 <i>Nashville, Tennessee</i>

## TECHNICAL SKILLS

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Data management and statistical analysis using Stata and R; Document preparation in LaTeX; Extensive experience designing, constructing, and implementing household surveys in challenging environments; Proficiency in spatial analysis and map-making using ArcGIS and QGIS (including Python scripting).

## PROFESSIONAL SERVICE

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Reviewer (Journals): *Journal of Peace Research; Political Geography; Conflict Management and Peace Science; Climate Risk Management; GeoForum; Water*  
Reviewer (Books): Palgrave MacMillan; EarthScan/Routledge

## MEMBERSHIPS

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American Political Science Association  
International Studies Association