

JACOB N. SHAPIRO

CURRICULUM VITAE – August 2016

Woodrow Wilson School
Department of Politics
Princeton University
Robertson Hall
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Positions

Professor of Politics and International Affairs, Princeton, 2016-
Associate Professor of Politics and International Affairs, Princeton, 2014-2016
Assistant Professor of Politics and International Affairs, Princeton, 2008-2014
Co-Director, Empirical Studies of Conflict Project, 2009-Present

Education

Ph.D., Stanford University, Department of Political Science, October 2007.
M.A., Stanford University, Economics Department, August 2007.
B.A. with Honors, University of Michigan, Department of Political Science, May 1997.

Books

“The Terrorist’s Dilemma: Managing Violent Covert Organizations.” Princeton University Press (2013). Winner 2013 Furniss Book Award.

“Foundations of the Islamic State: Management, Money, and Terror in Iraq.”
With Patrick Johnston, Howard J. Shatz, Benjamin Bahney, Danielle F. Jung, Patrick K. Ryan, and Jonathan Wallace. RAND Corporation (2016).

Peer-Reviewed Articles

23. “Lessons from America’s post-9/11 Wars.” With Christoph Mikulaschek. *Journal of Conflict Resolution* (Accepted).
22. “Relative Poverty, Perceived Violence, and Support for Militant Politics: Evidence from Pakistan.” With C. Christine Fair, Rebecca Littman, and Neil Malhotra. *Political Science Research and Methods* (Forthcoming).
21. “Limiting Civilian Casualties as Part of a Winning Strategy: The Case of Courageous Restraint.” With Joseph H. Felter. *Daedalus* (Forthcoming).
20. “An Empirical Validation Study of Popular Survey Methodologies for Sensitive Questions.” With Bryn R. Rosenfeld and Kosuke Imai. *American Journal of Political Science* (2015).

19. "Coordination and Security: How Mobile Communications Affect Insurgency." With David A. Siegel. *Journal of Peace Research* (2015) 52, 312-322.
18. "Measuring Political Violence in Pakistan: Insights from the BFRS Dataset." With Ethan Bueno de Mesquita, C. Christine Fair, Jenna Jordan, and Rasul Bakhsh Rais. *Conflict Management and Peace Science* (Forthcoming).
17. "Is the Phone Mightier than the Sword? Cell Phones and Insurgent Violence in Iraq." With Nils B. Weidmann. *International Organization* (2015) 69, 247-274.
16. "Democratic Values and Support for Militancy: Evidence From a National Survey of Pakistan." With C. Christine Fair and Neil Malhotra. *Journal of Conflict Research* (2014) 58, 743-770.
15. "Poverty and Support for Militant Politics: Evidence from Pakistan." With Graeme Blair, C. Christine Fair, and Neil Malhotra. *American Journal of Political Science* (2013) 57, 30-48.
14. "Terrorist Decision-Making: Insights from Economics and Political Science." *Perspectives on Terrorism* (2012) 6, 5-16. Lead article.
13. "Faith or Doctrine? Religion and Support for Political Violence in Pakistan." With Neil Malhotra and C. Christine Fair. *Public Opinion Quarterly* (2012) 76, 688-720.
12. "Testing the Surge: Why did Violence Decline in Iraq in 2007?" With Stephen Biddle and Jeffrey A. Friedman. *International Security* (2012) 37, 7-40. Lead article.
11. "Moral Hazard, Discipline, and the Management of Terrorist Organizations." With David A. Siegel. *World Politics* (2012) 64, 39-78.
10. "Who Takes the Blame? The Strategic Effects of Collateral Damage." With Luke N. Condra. *American Journal of Political Science* (2012) 56, 167-187.
9. "Can Hearts and Minds be Bought? The Economics of Counterinsurgency in Iraq." With Eli Berman and Joseph H. Felter. *Journal of Political Economy* (2011) 119, 766-819.
8. "Statistical Analysis of Endorsement Experiments: Measuring Support for Militant Groups in Pakistan." With Will Bullock and Kosuke Imai. *Political Analysis* (2011) 19, 363-384. Lead article.
7. "Do Working Men Rebel? Insurgency and Unemployment in Afghanistan, Iraq, and the Philippines." With Eli Berman, Michael Callen, and Joseph H. Felter. *Journal of Conflict Resolution* (2011) 55, 496-528.

6. "Why Support Islamic Militancy? Evidence from Pakistan." With C. Christine Fair. *International Security* (2010) 34, 79-118.
5. "Is This Paper Dangerous? Balancing Secrecy and Openness in Counterterrorism." With David A. Siegel. *Security Studies* (2010) 19, 66-98.
4. "Islam, Militancy and Politics in Pakistan: Insights from a National Sample." With C. Christine Fair and Neil Malhotra. *Terrorism and Political Violence* (2010) 22, 495-521.
3. "Fuzzy Set Modeling of Insurgent Networks." With Richard Avila. *Military Operations Research* (2008) 13, 41-50.
2. "Color-Bind: Lessons from the Failed Homeland Security Advisory System." With Dara K. Cohen. *International Security* (2007) 32, 121-154.
1. "Underfunding in Terrorist Organizations." With David A. Siegel. In *International Studies Quarterly* (2007) 51, 405-429.

Non-Peer-Reviewed Articles

5. "Understanding the Daesh Economy." With Jamie Hansen-Lewis. *Perspectives on Terrorism* (2015).
4. "The Surge, the Awakening, and the 2007 Reduction of Violence in Iraq." With Stephen Biddle and Jeffrey A. Friedman. *International Security* (2013) 37, 189-198.
3. "Modest, Secure and Informed: Successful Development in Conflict Zones." With Eli Berman, Joseph H. Felter, and Erin Troland. *American Economic Review: Papers and Proceedings* (2013) 103, 518-522. Longer version as NBER Working Paper 18674.
2. "Insurgent Compensation: Evidence from Iraq." With Benjamin W. Bahney, Radha K. Iyengar, Patrick B. Johnston, Danielle F. Jung, and Howard J. Shatz. *American Economic Review: Papers and Proceedings* (2013) 103, 512-517.
1. "Tortured Relations: Human Rights Abuses and Counterterrorism Cooperation." With Emilie Hafner-Burton. *PS: Political Science* (2010) 43, 415-419.

Book Chapters

5. "Non-state actors and failed states: Lessons from al-Qa'ida's Experiences in the Horn of Africa." With Ken Menkhaus. In *Ungoverned Spaces: Alternatives to State Authority in an Era of Softened Sovereignty*. Anne L. Clunan and Harold Trinkunas, eds.. Palo Alto, C.A.: Stanford University Press, 2010.
4. "Bureaucratic Terrorists: Al-Qa`ida in Iraq's Management and Finances." In *Sinjar Two: al-Qa`ida in Iraq's Foreign Recruiting, Finances, and Future*. Brian Fishman and Assaf Moghadam, eds. Westpoint, N.Y.: Combating Terrorism Center, 2008.

3. "The Sources of Terrorism: An Ecological and Organizational Perspective." With David D. Laitin. In *Terrorism, Economic Development, and Political Openness*. Philip Keefer and Norman Loayza, eds. New York: Cambridge University Press, 2008.
2. "Terrorist Organizations' Vulnerabilities and Inefficiencies: A Rational Choice Perspective." In *Terrorist Financing in Comparative Perspective*. Harold Trinkunas and Jeanne K. Giraldo, eds. Stanford: Stanford University Press, 2007.
1. "Homeland Security: A New Strategic Paradigm?" With Rudolph Darken. In *Strategy in the Contemporary World*. John Baylis et. al. eds. New York: Oxford University Press, 2007.

Research Reports/Policy Analysis

26. "A Military Guide to Accessing Research on Fragile States." With Caitlin Tulloch. *War on the Rocks*, June 22, 2016.
25. "Here's why we can only contain the Islamic State, not bomb it back to the Stone Age." With Stephen Biddle. *The Monkey Cage*, *Washington Post*, December 1, 2015.
24. "Islamic State's New Strategy is Suicidal." With Eli Berman, *Bloomberg View*, December 2, 2015.
23. "Why ISIL Will Fail on Its Own." With Eli Berman. *Politico* (2015).
22. "Connecting the Red Corridor: infrastructure development in conflict zones." With Jamie Hansen-Lewis, Oliver Vanden Eynde, and Austin Wright. Princeton University, 2015.
21. "Mapping Rural Infrastructure Development in India." With Jamie Hansen-Lewis and Oliver Vanden Eynde. Princeton University, 2015.
20. "Punjab Economic Opportunity Program, Skills Intervention Report, Skills for Market 2013-4 Uptake Report." With Ali Cheema, Asim Khwaja, and Farooq Naseer. Center for Economic Research in Pakistan, 2015.
19. "Aid for Peace: Does Money Buy Hearts and Minds?" With Eli Berman and Joseph H. Felter. *Foreign Affairs Online* (2015).
18. "Managing a Transnational Insurgency: The Islamic State of Iraq's Paper Trail, 2005-2010." With Danielle F. Jung, Patrick Ryan, and Jon Wallace. Combating Terrorism Center (2014).
17. "The terrorist bureaucracy: Inside the files of the Islamic State in Iraq." With Danielle F. Jung. *Boston Globe* (December 14, 2014).

16. "The Business Habits of Highly Effective Terrorists: Why Terror Masterminds Rely on Micro-Management." *Foreign Affairs Online* (2013).
15. "Why assume the Taliban will always be so violent?" *Financial Times*, August 13, 2013.
14. "Effective Aid in Conflict Zones." *Vox* (2013). With Eli Berman, Joseph H. Felter, and Erin Troland.
13. "Giving the Surge Partial Credit for Iraq's 2007 Reduction in Violence." Belfer Center Policy Brief, 2012. With Stephen Biddle and Jeffrey A. Friedman.
12. "Support for Militant Organizations in Pakistan: Results from the FMS 2012 Survey." For U.S. Department of State, 2013. With C. Christine Fair and Neil Malhotra.
11. "Punjab Economic Opportunity Program, Employer Survey Report." Center for Economic Research in Pakistan, 2012. With Ali Cheema, Asim Khwaja, and Farooq Naseer.
10. "Punjab Economic Opportunity Program, Skills Intervention Report." Center for Economic Research in Pakistan, 2012. With Ali Cheema, Asim Khwaja, and Farooq Naseer.
9. "Punjab Economic Opportunity Program, Baseline Household Report for Skills: Non-In-Depth (NID) Sample." Center for Economic Research in Pakistan, 2012. With Ali Cheema, Asim Khwaja, and Farooq Naseer.
8. "Pakistan's Middle Class Extremists: Why Development Aid Won't Solve Radicalism." *Foreign Affairs Online* (2011). With Graeme Blair, C. Christine Fair, and Neil Malhotra.
7. "Constructive COIN: How Development Can Fight Radicals." *Foreign Affairs Online* (2010). With Eli Berman and Joseph H. Felter.
6. "Why Choose Terrorism? Rebels and Terrorists." *Research Projects and Summaries*. Paper 71. 2009. With Eli Berman, Lindsay Heger, David Laitin, Victor Asal, and Joseph H. Felter.
5. *Drivers of Change in the Pakistan Army Corps: What the Data Say*. Santa Barbara, C.A.: RAND Corporation, 2009. With C. Christine Fair, Claude Berrebi, and Graeme Blair.
4. "Strictly Confidential." *Foreign Policy* (2007) 161.
3. *Al-Qa'ida's (Mis)Adventures in the Horn of Africa*. Westpoint, N.Y.: Combating Terrorism Center, 2007. With Clinton Watts et. al.

2. *Harmony and Disharmony: Exploiting al-Qa'ida's Organizational Vulnerabilities*. Westpoint, N.Y.: Combating Terrorism Center, 2006. With Joseph Felter, et. al.

1. *An Analytical Approach to Preparedness for Homeland Security*. Stanford, C.A.: Center for International Security and Cooperation, 2006. With Lynn Eden, Michael May, and Patrick Roberts.

Active Working Papers and Book Manuscripts

“Natural Disasters and Political Engagement: Evidence from the 2010-11 Pakistani Floods.” With C. Christine Fair, Patrick Kuhn, and Neil Malhotra. The 2010 Pakistan floods affected more than 18 million people, caused 1,985 deaths, damaged or destroyed 1.7 million houses, and were followed in 2011 by another round of devastating floods. We draw on literature in psychology, sociology, and political science to argue that when the government and civil society response effectively blunts a disaster’s economic impacts, political engagement should increase in the wake of disasters. Using diverse data we show that the massive 2010-11 Pakistan floods had exactly this effect. Pakistanis in highly flood-affected areas became significantly more politically engaged than those less exposed. They acquired more political knowledge eighteen months after the floods and turned out to vote at higher rates three years later. (R&R, *Quarterly Journal of Political Science*)

“The Effect of Civilian Casualties on Wartime Informing: Evidence from the Iraq War.” With Andrew Shaver. This paper provides the first direct quantitative evidence that wartime informing, is affected by civilian casualties. Using newly declassified data on tips provided to the U.S. and Iraqi militaries about the Iraqi insurgency, we find that information flow falls after government forces inadvertently kill civilians and increases when insurgents do so. (R&R, *Journal of Conflict Resolution*)

“Building Connections: Political Corruption and Road Construction in India.” With Jonathan Lehne, and Oliver Vanden Eynde. This paper studies the sources of corruption in small-scale infrastructure projects in India. Using data from the bidding process for a major rural road construction program in India – the Pradhan Mantri Gram Sadak Yojana (PMGSY) – and a regression discontinuity design we show that contractors benefit when politicians they are connected to – based on their surnames – win office. Heterogeneity in the treatment effects suggests the effect is not related to electioneering but to the ability of personal ties to sustain corruption. (Under Review)

“Choosing Ungoverned Space: Pakistan's Frontier Crimes Regulation.” With Michael Callen, Saad Gulzar, and Arman Rezaee. This paper studies why states often leave large portions of their sovereign territory effectively ungoverned. Using primary legal documents we create a dataset of when and where Frontier Crimes Regulation (FCR) applied in Pakistan between 1901 and 2012 at the sub-district level. Exploiting the differential impact of the Green Revolution on potential land revenue at the sub-district level we show that areas which saw disproportionate increases in potential land revenue

were disproportionately more likely to have FCR removed following the advent of the Green Revolution, with substantial impacts on health and educational outcomes.

“Endogenous taxation in ongoing internal conflict: The case of Colombia.” With Abbey Steele and Juan F. Vargas. This paper studies the impact of conflict on institutions. Using data on tax performance and institutions in each of Colombia's 1,120 municipalities we show that areas most affected by internal conflict have tax institutions consistent with the preferences of the parties who dominated the area. Places with right-wing violence feature higher total property tax revenues and more land formalization. Municipalities with substantial left-wing guerrilla violence collected less tax revenue and saw less land formalization. These outcomes translated into differential level of social investment and social outcomes consistent with the preferences of the two sides.

“Daesh Oil Production: Estimates from Remote Sensing.” With Quy-Toan Do, Chris Elvidge, Chris Elvidge, Jamie Hansen-Lewis, and Mohamed Abdel Jelil. This paper uses remote sensing data to generate high-precision geo-temporal measures of oil production over time in Iraq and Syria and estimates natural resource productivity in areas controlled by Daesh (i.e. the ISIL or ISIS).

“Modernization and Organizational Performance.” With Jonathan Bendor. This book manuscript examines why some organizations radically outperform their peers with world historical consequences. We draw on cognitive psychology, the Weberian modernization literature, and organization theory to identify two critical properties: meritocracy and scientific culture. Over a long swath of history organizations that have these properties more than their peers are better at compensating for the bounded rationality and limited cognitive capacities of the individuals that make them up and therefore tend to perform much better.

“Where Policy Experiments are Conducted in Economics and Political Science: The Missing Autocracies.” With Graeme C. Blair and Radha K. Iyengar. This paper analyzes the sampling distribution of more than randomized controlled trials conducted in Economics and Political Science since 1995. We show that the RCT movement is oversampling poor countries with relatively effective governance and discuss implications for what can be learned from the move into RCTs in comparative politics and development economics.

“Insurgent Math: The Impact of Civilian Casualties on the Afghan Insurgency.” Revision of NBER Working Paper 16152. With Luke N. Condra, Joseph H. Felter, and Radha K. Iyengar. This paper focuses on the reaction to civilian casualties in Afghanistan, using a series of analytic comparisons to distinguish between four prominent theories on the how civilian casualties may affect violence: revenge, recruitment, population-provided information, and the mechanical correlation between civilian casualties and insurgent group capacity. We find strong evidence of a localized revenge effect in Pashtun areas, suggesting insurgents' mobilizing tools may be quite region-specific.

“Do International Legal Norms Affect Citizens’ Willingness to Punish Foreign Human Rights Violations?” With Tonya Putnam. This paper uses a survey experiment to assess whether international human rights treaties make a difference to the willingness of citizens in established democracies to punish the human rights violations of foreign governments.

Field research projects and field experiments

2016. Study of candidate preferences in local government elections in Pakistan involving within-subject experiment (n=5,000) and observational work using candidate-level data. With Michael Callen, Ali Cheema, Adnan Khan, Asad Liaqat, and Farooq Naseer.

2015-16. High-Resolution Development Indicators, study links bi-weekly household economic surveys with cell phone records to enable high-precision measurement of economic activity. Includes experimentally-induced variation in income (n=1,200). With Joshua Blumenstock, Michael Callen and Tarek Ghani.

2013-14. Study of political and educational impacts of major reform to teacher hiring process in Punjab with survey experiments and observational data. With Michael Callen and Ali Cheema.

2011-2016. Colombia Responde, panel study of the impact of Colombian government efforts to consolidate political control in former rebel areas. With Abbey Steele and Juan F. Vargas.

2011-2017. Punjab Economic Opportunity Program (PEOP), RCT-based evaluation of political and economic impacts of a large-scale vocational training program in Pakistan. Includes 6 distinct experiments to date (n=40,000 to date). With Ali Cheema, Asim Khwaja, and Farooq Naseer.

2012-13. Eliciting Sensitive Political Attitudes, survey experiment comparing four methods of gauging sensitive attitudes in Mississippi (n=3,500). With Kosuke Imai and Bryn Rosenfeld.

2011-2012. Support for Militancy in Pakistan, survey experiment on sources of support for militant organizations (n=16,000). With C. Christine Fair, Kosuke Imai, and Neil Malhotra.

2009. Support for Militancy in Pakistan, survey experiment on sources of support for militant organizations (n=6,000). With C. Christine Fair and Neil Malhotra.

Grants

Growth and Economic Opportunities for Women (GrOW) via subaward from Harvard University, “Punjab Economic Opportunity Programme: Evaluating Markets for Skill Acquisition and Employment,” 2015. Co-PI, \$65,218 over 2 years.

Department of Defense ONR Minerva Research Initiative, “Deterrence with Proxies,” via subaward from UC San Diego, 2014. Co-PI, \$628,112 over 5 years.

International Growth Centre (IGC) “Rural Infrastructure Provision in India: Mapping the Bharat Nirman Programme,” 2014-2015. Lead PI with one co-PI, \$14,978, 1 year.

International Growth Centre (IGC) – Central India, “Connecting the Red Corridor: Infrastructure Provision in Conflict Zones,” 2014-2015. Lead PI with one co-PI, \$59,310, 1 year.

Office of Naval Research (ONR), “State-building at the Community Level: Evaluating the Impact of Colombia’s Consolidation Program,” 2013. Lead PI with two co-PIs, \$939,276, 3 years.

Institute for the Study of Labor (IZA), “Punjab Economic Opportunity Programme: Evaluating Market for Skills Acquisition and Employment,” 2013. Co-PI, \$60,500, 4 years.

Department of Defense Minerva Research Initiative, “Terrorism, Governance, and Development,” 2009. Lead PI with 5 co-PI, \$9.9M, six years.

National Science Foundation, “Robust Socio-Technological Networks: An Inter-Disciplinary Approach to Theoretical Foundation and Experimentation,” 2009. Co-PI, \$275,000, four years.

Army Research Office/Harvard University, “Measuring, Understanding, and Responding to Covert Social Networks,” 2010. Co-PI, \$564,000, five years.

International Growth Center, “Political Violence in Pakistan – Understanding Subnational Patterns,” 2010. Lead PI, \$77,000, two years.

Department of Homeland Security/CREATE, “Models of Counterterrorism,” 2008. \$252,900, two years. “Political Violence in Pakistan-Understanding Subnational Patterns,” 2010. Co-PI, \$103,000, two years.

U.S. Department of State/Georgetown University, “Politics of Militancy in Pakistan: 2011.” 2010. Co-PI, \$30,000, one year.

Research Contracts

United States Institute of Peace, “Evaluating the Impact of Stabilization Programming in Afghanistan.” 2015. PI, \$310,000.

Defense Advanced Research Projects Agency Memex Project, 2014. One of several PIs, \$2,438,174 over 3 years.

Graduate Students

Peter Schram, 2016. Assistant Professor, Vanderbilt University, beginning in AY16-17.
Austin Wright, 2016. Assistant Professor, Harris School of Public Policy, University of Chicago, beginning in AY16-17.

Thomas Scherer, 2015. Program Director, United States Institute of Peace.

Liam Collins, 2014. Program Director, U.S. Military Academy.

Rex Douglass, 2012. Project Scientist, UC San Diego.

Raymond Kuo, 2014. Assistant Professor, SUNY Albany.

Oriana Mastro, 2012. Assistant Professor, Georgetown University.

Fellowships, Honors, and Professional Affiliations

Karl Deutsch Award, International Studies Association. 2016.

Class of 1934 University Preceptor. 2013-2016.

Associate Fellow, Institute of Development and Economic Alternatives (IDEAS). 2013-.

Faculty Associate, Princeton Institute for International and Regional Studies. 2013-.

Faculty Fellow, Association for Analytic Learning about Islam and Muslim Societies. 2012-.

Term Member, Council on Foreign Relations. 2011-2016.

Research Fellow, Center for Economic Research in Pakistan. 2010-.

Harmony Fellow, Combating Terrorism Center, United States Military Academy. 2006-2008.

Postdoctoral Fellow, Center for International Security and Cooperation, Stanford University, Fall 2007.

Predocctoral Fellow, Center for International Security and Cooperation, Stanford University, 2006-2007.

Homeland Security Fellow, Center for International Security and Cooperation, Stanford University, 2005-2006.

Graduate Fellow, Stanford Center on International Conflict and Negotiation, 2005-2006.

Organizational Learning Fellow, Center for International Security and Cooperation, Stanford University, 2004-2005.

Professional Service

Advisory and Editorial Boards:

- Member, Editorial Board, *Journal of Conflict Resolution*, 2015-.
- Advisory Board, Global Terrorism Dataset, 2013-.
- Associate Editor: *Studies in Conflict and Terrorism*, 2013-.
- Associate Editor: *World Politics*, 2009-.

University Service:

- University Research Board, 2016-.
- MPP Admissions Committee, Woodrow Wilson School, 2015-16.
- IR Field Coordinator, 2015-16.
- Formal and Quantitative Search Committee, Princeton University, 2015.
- American Politics Search Committee, Princeton University, 2014.
- Scholars in the Nations Service Initiative Review Committee, Woodrow Wilson School, Princeton University, 2014.
- Admissions Committee, Department of Political Science, Stanford, 2006.

Reviewer:

American Economic Review, American Economic Journal: Applied Economics, American Economic Journal: Economic Policy, American Journal of Political Science, American Political Science Review, American Sociological Review, British Journal of Political Science, Civil Wars, Comparative Political Studies, Conflict Management and Peace Science, Homeland Security Affairs, IEEE Spectrum, International Organization, International Security, International Studies Perspectives, Journal of Conflict Resolution, Journal of Development Economics, Journal of Peace Research, Journal of Political Economy, Journal of Politics, PLoS ONE, Political Communication, Political Science Research and Methods, Proceedings of the National Academy of Sciences, Public Choice, Public Opinion Quarterly, Quarterly Journal of Economics, Quarterly Journal of Political Science, Review of Economics and Statistics, Science, Review of Economic Studies, Security Studies, Studies in Conflict and Terrorism, Terrorism and Political Violence, World Development, World Politics.

Grant and Proposal Reviewer:

Army Research Office, National Academy of Sciences, National Science Foundation, Office of Naval Research, Swiss National Science Foundation, World Bank.

Teaching

“Learning Lessons from Afghanistan.” M.P.A. Policy Workshop, Woodrow Wilson School of Public and International Affairs, Princeton University. Fall 2015

“Military Instrument of Foreign Policy.” Undergraduate Seminar, Politics Department, Princeton University, Fall 2015.

“Peace-Building and Development in Conflict-Affected States.” M.P.A. Policy Workshop, Woodrow Wilson School of Public and International Affairs, Princeton University. Fall 2014.

“Violent Politics.” Undergraduate Lecture, Politics Department, Princeton University. Spring 2011, Fall 2012, Spring 2013, Fall 2014, Fall 2015

“Terrorism, Civil War, and Non-State Threats.” M.P.A. Seminar, Woodrow Wilson School of Public and International Affairs, Princeton University. Spring 2011, Fall 2012, Spring 2015.

“Security Studies.” Ph.D Seminar, Politics Department, Princeton University. Spring 2010, Spring 2013, Spring 2015.

“Theories of International Relations.” Ph.D. Seminar, Politics Department, Princeton University. Spring 2009.

“The Politics of Public Policy.” M.A. Lecture Course, Woodrow Wilson School of Public and International Affairs, Princeton University. Fall 2008.

Invited Speaker, Intelligence Course, Center for Homeland Defense and Security, Naval Postgraduate School. Spring 2007 - 2009.

“Terrorist Financing and State Response.” M.A. Seminar. National Security Affairs Department, Naval Postgraduate School. Summer 2005 and Spring 2006.

Academic Workshops

Instructor

- Business Experiments 101, Telecom Development Company Afghanistan Ltd, Kabul, Afghanistan, November 2012.
- Empirical Implications of Theoretical Models (EITM), Princeton University, July 2012.
- CERP/CLEAR/J-PAL Executive Education Course: Evaluating Social Programs, Lahore, Pakistan, December 2011.
- Empirical Implications of Theoretical Models (EITM), University of Chicago, July 2011.
- Government, Development, and Political Violence Training Workshop, UC San Diego, June 2010.

Student

- Committee for the Analysis of Military Operations and Strategy (CAMOS) Research Design Workshop for Dissertation Writers, July 2005.
- Institute for Qualitative Research Methods (IQRM), January 2005.
- Computational Analysis of Social and Organizational Systems (CASOS) Summer Institute, June 2004.
- Inter-University Consortium for Political and Social Research (ICPSR) Summer Program in Quantitative Methods of Social Research, June-August 2003.

Broadcast Media

MSNBC, BBC, Al Jazeera

Selected Professional Talks and Presentations

“Information and War: Lessons from the Empirical Studies of Conflict Project.” For *Social Science Seminar*, Center for International Security and Cooperation, Stanford University. June 2016.

“Political Influence And Voter Preferences: Evidence From India And Pakistan.” For *Growth Week*, International Growth Centre, London School of Economics. June 2016.

“Is ISIS Economically and Socially Sustainable?” Cato Institute. May 2016.

“Crossing Boundaries: Experimental Evidence on Skills Acquisition Access Constraints for Rural Women in Pakistan.” For *CHW-RPDS Seminar*, Princeton University. April 2016.

“Civilian Casualties and Wartime Informing: Evidence from the Iraq War.” For *NBER Summer Institute, Economics of National Security*, July 2015; Invited Presentation, Center for International Security and Cooperation, Stanford University, March 2015; Political Economy Seminar, University of Warwick, November 2015; Political Economy and Politics Seminar, London School on Economics, November 2015; AEA Annual Meeting, January 2016.

“The Terrorist’s Dilemma: Managing Violent Covert Organizations.” Furniss Book Award Lecture, Mershon Center, Ohio State University, October 2015.

“Suicide Vests and Spreadsheets: Why Terrorists Need Bureaucracy and What That Means for the Rest of Us.” Keynote Address: European Network for Conflict Research, October 2015.

“Confronting the New Era of Conflict.” University of Chicago, Harris School of Public Policy, September 2015.

“Economics: Countering Violent Extremism Nexus.” Invited Presentation, Aspen Institute Workshop. September 2015.

“Micro Events and Macro Dynamics.” For *Annual Meeting of the American Political Science Association*, August 2015.

“Choosing Ungoverned Space: Pakistan’s Frontier Crimes Regulation.” For *Sié Research Seminar*, University of Denver, February 2015; *Paris Empirical Political Economics Seminar*, Science Po, March 2015.

“Foundations of the Islamic State: Management, Money, and Terror in Iraq.” Invited Presentation, Assistant Secretary of Defense for Research and Engineering (ASD(R&E)) Research Directorate, October 2014.

“Lessons for Peacemaking and State Building.” For 5th Annual Minerva Research Initiative Conference, September 2014.

“Explaining Local Variation in Insurgency and Urban Conflict.” Invited Presentation, Harris School of Public Policy, March 2014.

“Economic Shocks and Civic Engagement: Evidence from the 2010-11 Pakistan Floods.” For *Harvard-MIT Joint Development Seminar*, February 2014; *Comparative Politics Seminar*, New York University, March 2014; *Political Science Department Speaker Series*, UCLA, March 2014; *Applied Microeconomics Seminar*, World Bank Development Research Group, April 2014; *Applied Economics Seminar*, Hebrew University, May 2014; and *ESOC-USIP Workshop on Effective Development in Conflict Zones*, May 2014.

“Aid in Conflict Zones.” For *World Development Review Conference*, World Bank, February 2014.

“Explaining Local Variation in Intrastate Conflict.” Invited Presentation, Ford School of Public Policy, University of Michigan, February 2014.

“Explaining Local Variation in Intrastate Conflict.” For *Symposium on Political Violence*, University of Pittsburgh, and Invited Presentation at Carnegie Mellon University, January 2014.

“Coordination and Security: How Mobile Communications Affect Insurgency.” For *Communications, Technology, and Political Conflict Workshop*, Yale University, November 2013.

“Fighting Insurgent Organizations: Lessons from the Harmony Database and the Iraq War.” Invited Presentation, United States Military Academy, November 2013.

“How Natural Disasters Affect Political Attitudes and Behavior: Evidence from the 2010-11 Pakistani Floods.” For *Ford Security Seminar*, University of Michigan, October 2013.

“The Terrorist’s Dilemma: Managing Violent Covert Organizations.” For *Center for Wealth and Inequality Workshop*, Columbia University, October 2013.

“The Terrorist’s Dilemma: Managing Violent Covert Organizations.” Invited Presentations, Foreign Policy Research Institute, Georgetown University, and New America Foundation, October 2013.

“How Natural Disasters Affect Political Attitudes and Behavior: Evidence from the 2010-11 Pakistani Floods.” For *Northeast Workshop in Empirical Political Science*, New York University, September 2013.

“Blind Retrospection in Weak States: Evidence from the 2010 Pakistan Floods.” For *Security Peace and Conflict Workshop*, Duke University, September 2013.

“The Conflict in Syria: Insights from Minerva.” For 4th Annual Minerva Research Initiative Conference, September 2013.

“The Terrorist’s Dilemma: Organizational Constraints on Terrorist Organizations.” Invited Presentation for the U.S. State Department Bureau of Intelligence and Research, September 2013.

“Sub-contracting State-building.” For *Annual Meeting of the American Political Science Association*, August 2013.

“Relative Poverty, Perceived Violence, and Support for Militant Politics: Evidence from Pakistan.” For *Annual Meeting of the American Political Science Association*, August 2013.

“Measuring Violence with Communication Data.” For *Annual Meeting of the American Political Science Association*, August 2013.

“Blind Retrospection in Weak States: Evidence from the 2010 Pakistan Floods.” For *Barcelona Graduate School of Economics Summer Forum* session on “Political Institutions: Effects on Policy and Civil Conflict,” June 2013.

“Long-run Consequences of Civil War on Militant Capabilities.” For *Five Eyes on Threat Finance: Countering Post Arab Spring Trends in Extremist Support*, National Counterterrorism Center, June 2013.

“Modernization, Military Performance, and Sample Paths in World History.” For *Workshop on Approaches to Historical Research in Political Science*, Columbia University, May 2013.

“Disastrous Politics: How the 2010 and 2011 Floods Changed Citizen Preferences in Pakistan.” For *Conference on Political Economy of the Muslim World*, Rice University, April 2012.

“Modernization and Organizational Performance.” For *Conference on Historical Development of Modern Political Institutions*, Princeton University, March 2013.

“Is There a Law of One Attitude?” For *Political Methodology Colloquium*, Princeton University, March 2013.

“Understanding Support for Militancy in Pakistan.” For *Department of Peace and Conflict Research Speaker Series*, Uppsala University, March 2013.

“Insurgent Compensation: Evidence from Iraq.” Invited Presentation for the Joint Staff, February 2013.

“Telecommunications and Insurgent Violence.” For *Seminar on Global Society and Security*, Harvard University, February 2013.

“Modest, Secure, and Informed: Successful Development in Conflict Zones.” For *Annual Meeting of the American Economic Association*, January 2013.

“Insurgent Compensation: Evidence from Iraq.” For *Annual Meeting of the American Economic Association*, January 2013.

“Understanding Support for Militancy in Pakistan.” For *Macmillan International Relations Workshop*, Yale University, October 2012.

“Telecommunications and Insurgent Violence.” For *PSAC Seminar*, Cornell University, October 2012.

“Sampling Properties of the RCT Endeavor.” For *Experimental Research Workshop: Best Practices and Applications*, Princeton University, September 2012.

“Studying State-building in Colombia.” For *Princeton Symposium on Building Government Accountability and Leading Reform*. September 2012.

“Terrorism, Governance, and Development.” For 3rd Annual Minerva Research Initiative Conference, September 2012.

“Telecommunications and Insurgent Violence.” For *International Relations Seminar*, Emory University, September 2012.

“Understanding Support for Militancy in Pakistan.” For *Program on International Security Policy Seminar*, University of Chicago, May 2012.

“The Terrorist’s Dilemma.” Invited Seminar, St. Andrews University, May 2012.

“Testing the Surge: Why did Violence Decline in Iraq in 2007?” For *Social Science Seminar*, Center for International Security and Cooperation, February 2012.

“Testing the Surge: Why did Violence Decline in Iraq in 2007?” For *International Relations Seminar*, UC Berkeley, February 2012.

“Talking About Killing: Cell Phones, Collective Action, and Insurgent Violence in Iraq.” For *Georgetown University International Theory and Research Seminar (GUITARS)*, October 2011.

“Terrorist Ideologies and Organizations, the State of the Field.” For 2nd Annual Minerva Research Initiative Conference, September 2011.

“Modeling Inflection Points for Terrorist Organizations.” For *Combating Terrorist Financing*, National Counterterrorism Center, March 2011.

“Talking About Killing: Cell Phones, Collective Action, and Insurgent Violence in Iraq.” For *Columbia University International Politics Seminar*, March 2011.

“Can Hearts and Minds Be Bought? The Economics of Counterinsurgency in Iraq.” For *International Relations Seminar*, University of Wisconsin, October 2010.

“Drivers of Peace and Conflict: Dynamics of Terrorist Organizations and Groups” for *The Minerva Initiative: Fostering a Community of Strategic Scholarship*, National Defense University, October 2010.

Invited Speaker. USAID Evidence Summit on “Development to Counterinsurgency.” September 2010.

“Communication Networks and Insurgent Violence.” For *Annual Meeting of the American Political Science Association*, September 2010.

“Rules of War: The Impact of Civilian Casualties on Violence in Afghanistan.” Invited presentation, New America Foundation, August 2010.

“The Effect of Civilian Casualties in Afghanistan and Iraq.” For *National Bureau of Economic Research Summer Institute 2010*, Economics of National Security, July 2010.

“Who Takes the Blame? The Consequences of Collateral Damage.” For *Security Development Nexus Workshop*, University of Ottawa, May 2010.

“The Roots of Militancy: Evidence from Pakistan.” For *Political Economy Seminar*, Harris School of Public Policy, University of Chicago, April 2010.

“The Roots of Militancy: Evidence from Pakistan.” For *Social Science Seminar*, Center for International Security and Cooperation, Stanford University, February 2010.

“The Roots of Militancy: Evidence from Pakistan.” For *International Relations Seminar*, UC Berkeley, February 2010.

“Can Hearts and Minds Be Bought? The Economics of Counterinsurgency in Iraq.” For *Faculty Seminar*, New York University Department of Politics, February 2010.

“The Roots of Militancy: Evidence from Pakistan.” Invited presentation, the George Washington University Institute on Security and Conflict Studies, January 2010.

“Can Hearts and Minds Be Bought? The Economics of Counterinsurgency in Iraq.” For *Operations Research Seminar*, Naval Postgraduate School, January 2010.

“The Politics of Militancy.” Invited presentation, Georgetown University, October 2009.

“Who Takes the Blame? The Strategic Effects of Collateral Damage.” For *Workshop on Order, Conflict, and Violence*, Yale University, October 2009.

“The Politics of Militancy.” For *Political Methodology Colloquium*, Princeton University, September 2009.

“Do Working Men Rebel? Insurgency and Unemployment in Iraq.” For *Governance, Development and Political Violence*, University of California Institute on Global Conflict and Cooperation, June 2009.

“Who Takes the Blame? The Strategic Consequences of Collateral Damage.” For University of Maryland Contentious Politics Workshop, May 2009.

“Empirical Studies of Conflict – Iraq and the Philippines.” Invited presentation, U.S. Army and Marine Corps Counterinsurgency Center, November 2008.

“Can Hearts and Minds Be Bought? The Economics of Counterinsurgency in Iraq.” For *National Bureau of Economic Research Summer Institute 2008*, Economics of National Security, July 2008.

“Bureaucracy and Control in Terrorist Organizations.” For Columbia University International Politics Seminar, April 2008.

“Heterogeneous Motivations, Discipline, and Change in Terrorist Organizations.” For *Annual Meeting of the International Studies Association*, March 2008.

“Why Support Islamic Militancy? Evidence from Pakistan.” For *Annual Meeting of the International Studies Association*, March 2008.

“Counterinsurgency Without Killing: Public Goods and Violence in the Iraqi Civil War.” For *Social Science Seminar*, Center for International Security and Cooperation, Stanford University, November 2007.

“Non-State Actors and Failed States: Lessons from al-Qa'ida's Experiences in the Horn of Africa.” For *Ungoverned Spaces*, Naval Postgraduate School, August 2007.

“Patterns of Terror: Using Organizational Changes to Evaluate Counterterrorism.” For *Terrorist Organizations: Social Science Research on Terrorism*, University of California Institute on Global Conflict and Cooperation, May 2007.

“Is This Paper Dangerous: Balancing Secrecy and Openness in Counterterrorism.” Invited presentation, Naval Postgraduate School, Center for Homeland Security and Defense, March 2007.

“What the Terrorist Risks: Operational Roles, Organizational Technology and Opportunity Costs in International Terrorism.” For *Annual Meeting of the American Political Science Association*, September 2006.

“The Impact of Heterogeneous Motivations In Terrorist Organizations.” For *Annual Meeting of the American Political Science Association*, September 2006.

“The Terrorist’s Challenge: Security, Efficiency, Control.” For *Social Science Seminar*, Center for International Security and Cooperation, Stanford University, May, 2005.

“Anti-terrorist Finance: The Good, The Bad, and The Ugly.” For *European Forum*, Freeman Spogli International Institute, Stanford University, January, 2006. Panel with Laura K. Donohue and Khalid Medani.

“Organizing Terror: Hierarchy and Networks in Covert Organizations.” For *Annual Meeting of the American Political Science Association*, September, 2005.

“Underfunding in Terrorist Operations.” For *Annual Meeting of the American Political Science Association*, September, 2005.

“The Greedy Terrorist: Terrorist Organizations’ Inefficiencies and Vulnerabilities.” For *Social Science Seminar*, Center for International Security and Cooperation, Stanford University, April, 2005.

“Going to Red Alert: What Can We Anticipate?” For *Directors’ Seminar*, Center for International Security and Cooperation, Stanford University, November, 2004.

Professional Experience

President and Chief Scientist, 2016-Present. Giant Oak.

Chief Social Scientist, 2013-Present. Giant Oak.

Naval Reserve Officer, 2002-2005. Office of Naval Intelligence and Naval Warfare Development Command.

Arrow Electronics, 2002 –2003.

Naval Officer, 1998-2002. Special Boat Team 20 and USS Arthur W. Radford (DD-968).