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Curriculum Vitae

Christopher Edward Paul

Contact Information

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Areas of Expertise

Assessment and evaluation, information operations, military information support operations, strategic communication, public diplomacy, irregular warfare, counterterrorism, counterinsurgency, security cooperation/building partner capacity, operations in cyberspace.

Education

Ph.D., Sociology, University of California, Los Angeles (UCLA), 2001.
Master of Arts in Sociology, UCLA, 1995.
Bachelor of Arts in Sociology, UCLA, 1993.
University of Sussex, Brighton, England, UCLA Education Abroad Program, 1991-1992.

Employment

Senior Social Scientist, RAND, Pittsburgh, PA, 2012-present.
Full Social Scientist, RAND, Pittsburgh, PA, 2006-2012.
Associate Social Scientist, RAND, Pittsburgh, PA, 2002-2006.
Sociologist (adjunct), RAND, Santa Monica, CA, 2001-2002.
Quantitative Analyst (adjunct), RAND, Santa Monica, CA, 1995-2001.

Faculty Appointments

Carnegie-Mellon University, Heinz College, School of Public Policy and Management, 2010-present.
Pardee RAND Graduate School, 2008-present.
UCLA Department of Statistics, 2001-2002.

Books and Book Chapters

Christopher Paul. 2011. *Strategic Communication: Origins, Concepts, and Current Debates*. Westport, CT: Praeger Security International.

Christopher Paul, Todd C. Helmus, and Russell W. Glenn. 2009. "Challenges to Shaping Civilian Attitudes and Behaviors in a Theater of Operations." Pages 173-194 in James J. F. Forrest (ed.), *Influence Warfare: How Terrorists and Governments Fight to Shape Perceptions in a War of Ideas*. Westport, CT: Praeger Security International.

Christopher Paul. 2008. *Information Operations – Doctrine and Practice: A Reference Handbook*. Westport, CT: Praeger Security International.

Christopher Paul. 2008. *Marines on the Beach: The Politics of U.S. Military Intervention Decision Making*. Westport, CT: Praeger Security International.

Journal Articles

Christopher Paul, Jessica Yeats, Colin P. Clarke, Miriam Matthews, Lauren Skrabala. "Assessing and Evaluating DoD Inform, Influence, and Persuade Efforts: Guidance for Practitioners." *IO Sphere*, Summer 2015, pp 30-38; second installment Fall 2015, pp 43-49.

Christopher Paul. "Integrating Apples, Oranges, Pianos, Volkswagens, and Skyscrapers: On The Relationships Between Information-Related Capabilities and Other Lines of Operation." *IO Sphere*, Winter 2014, pp 3-5.

William Hoverd, Christopher Paul, Nick Nelson. "A Promising Thaw." *Proceedings Magazine*. September, 2014. v. 140, no. 9, pp 60-65.

Christopher Paul, Colin P. Clarke, Chad C. Serena. "Mexico Is Not Colombia: Seeking More Productive Analogies for Responding to the Challenge of Violent Drug-Trafficking Organizations." *Small Wars Journal*, June, 2014.

Christopher Paul. "The Crawl, Walk, Run Progression for the Integration and Conduct of Efforts to Inform, Influence, and Persuade." *IO Sphere*, Fall 2013, pp 5-9.

Christopher Paul, Colin P. Clarke, Beth Grill, Terrance Savitsky. "Between Large-N And Small-N Analyses: Historical Comparison of Thirty Insurgency Case Studies." *Historical Methods: A Journal of Quantitative and Interdisciplinary History*, 2013, v.46, no. 4, pp 220-239.

Christopher Paul. "Foundations for Assessment: The Hierarchy of Evaluation and the Importance of Articulating a Theory of Change." *Small Wars Journal*. July, 2013; reprinted in *IOSphere*, Winter 2013, pp 4-7.

Christopher Paul and Isaac Porche III. "Toward a U.S. Army Cyber Security Culture." *International Journal of Cyber Warfare and Terrorism*, 1 (3), 70-80, July-September 2012.

Christopher Paul, Colin P. Clarke, Beth Grill. "Qualitative Comparative Analysis of 30 Insurgencies, 1978-2008." *Military Operations Research*, 2012, vol. 17, no. 2, pp19-40.

Christopher Paul. "Challenges Facing U.S. Government and Department of Defense Efforts in Strategic Communication." *Public Relations Review*, 2012, no. 38, pp. 188-194.

Christopher Paul, Colin P. Clarke, Beth Grill. "Victory Has a Thousand Fathers: Evidence of Effective Approaches to Counterinsurgency, 1978-2008." *Small Wars Journal*, January, 2011.

Christopher Paul and Colin P. Clarke. "Evidentiary Validation of FM 3-24: Counterinsurgency Worldwide, 1978-2008." *Joint Force Quarterly*, issue 60, 1st Quarter 2011, pp 126-128.

Christopher Paul. "As a Fish Swims in the Sea: Relationships Between Factors Contributing to Support for Terrorist or Insurgent Groups." *Studies in Conflict & Terrorism*, 2010, vol. 33, no. 6, pp. 388-410. DOI 10.1080/10576101003752630.

Christopher Paul. "Strategic Communication is Vague: Say What You Mean." *Joint Force Quarterly*, issue 56, 1st Quarter 2010, pp 10-13.

Christopher Paul, Russell W. Glenn, Beth Grill, Megan P. McKernan, Barbara Raymond, Matt Stafford, Horacio R. Trujillo. "Identifying Urban Flashpoints: A Delphi Derived Model for Scoring Cities' Vulnerability to Large Scale Unrest." *Studies in Conflict & Terrorism*, 2008, vol. 31, no.11: 981-1000. DOI 10.1080/10576100802400185.

Christopher Paul. "U.S. Presidential War Powers: Legacy Chains in Military Intervention Decisionmaking." *Journal of Peace Research*, 2008, vol. 45, no. 5: 665-679. DOI 10.1177/0022343308094329.

Christopher Paul and Eric Landree. "Defining Terrorists' Information Requirements: The Modified Intelligence Preparation of the Battlefield (ModIPB) Framework." *Journal of Homeland Security and Emergency Management*, 2008, vol. 5, iss. 1, article 38.

Christopher Paul, William M. Mason, Daniel McCaffrey, Sarah A. Fox. "A Cautionary Case Study of Approaches to the Treatment of Missing Data." *Statistical Methods and Applications*, 2008, vol. 17, no. 3:351-372. DOI 10.1007/s10260-007-0090-4.

Christopher Paul. "The U.S. Military Intervention Decision-Making Process: Who Participates, and How?" *Journal of Political and Military Sociology*, 2004, vol. 32, no.1:19-43.

Christopher Paul. "Finding the Findings Behind the News." *STATS: The Magazine for Students of Statistics*, no. 35, Fall 2002: 3-6.

C. Edward Paul. "Moving Forward with State Autonomy and Capacity: Example From Two Studies of the Pentagon During W.W.II." *Journal of Political and Military Sociology*, 2000, vol. 28, no. 1:21-42.

Christopher Paul. "sg92: Logistic regression for data including multiple imputations." *Stata Technical Bulletin*, 1998, no. 45:28-30.

C. Edward Paul. "Toward an Explanation of Variation in the Reproduction and Circulation of Elites, Both Within and Between Countries, in the Transition From Socialism in Eastern Europe." *Journal of Political and Military Sociology*, 1997, vol. 25, no. 1:91-109.

Selected RAND Reports

RR-935-OSD. 2015. Christopher Paul, Brian Gordon, Jennifer D.P. Moroney, Lisa Saum-Manning, Beth Grill, Colin P. Clarke, Heather Peterson. *A Building Partner Capacity Assessment Framework: Tracking Inputs, Outputs, Outcomes, Disrupters, and Workarounds.*

RR-937-OSD. 2015. Christopher Paul, Jennifer D.P. Moroney, Beth Grill, Colin P. Clarke, Lisa Saum-Manning, Heather Peterson, Brian Gordon. *What Works Best When Building Partner Capacity in Challenging Contexts?*

RR-809/1-OSD. 2015. Christopher Paul, Jessica Yeats, Colin P. Clarke, Miriam Matthews. *Assessing and Evaluating Department of Defense Efforts to Inform, Influence, and Persuade: Desk Reference.*

RR-809/2-OSD. 2015. Christopher Paul, Jessica Yeats, Colin P. Clarke, Miriam Matthews, Lauren Skrabala. *Assessing and Evaluating Department of Defense Efforts to Inform, Influence, and Persuade: Handbook for Practitioners.*

RR-809/3-OSD. 2015. Christopher Paul, Jessica Yeats, Colin P. Clarke, Miriam Matthews. *Improving the Assessment and Evaluation of Department of Defense Efforts to Inform, Influence, and Persuade: An Annotated Reading List.*

RR-780-A. 2014. Christopher Paul, Isaac R. Porche III, and Elliot Axelband. *The Other Quiet Professionals: Lessons for Future Cyber Forces from the Evolution of Special Forces.*

RR-387-A. 2014. Jan Osburg, Christopher Paul, Lisa Saum-Manning, Dan Madden, Leslie Adrienne Payne. *Assessing Locally-Focused Stability Operations.*

RR-548/1. 2014. Christopher Paul, Colin P. Clarke, and Chad C. Serena. *Mexico is Not Colombia: Alternative Historical Analogies for Responding to the Challenge of Violent Drug-Trafficking Organizations.*

RR-548/2. 2014. Christopher Paul, Colin P. Clarke, and Chad C. Serena. *Mexico is Not Colombia: Alternative Historical Analogies for Responding to the Challenge of Violent Drug-Trafficking Organizations – Supporting Case Studies.*

RR-469-OSD. 2014. Colin P. Clarke and Christopher Paul, *From Stalemate to Settlement: Lessons for Afghanistan from Historical Insurgencies That Have Been Resolved Through Negotiations.*

TL-112-OSD. 2013. Christopher Paul, Michael Nixon, Heather Peterson, Beth Grill, and Jessica Yeats. *The RAND Security Cooperation Prioritization and Propensity Matching Tool.*

RR-395-OSD. 2013. Christopher Paul, Colin P. Clarke, Beth Grill, and Molly Dunigan. *Counterinsurgency Scorecard: Afghanistan in Early 2013 Relative to Insurgencies Since World War II.*

RR-291/1-OSD. 2013. Christopher Paul, Colin P. Clarke, Beth Grill, and Molly Dunigan. *Paths to Victory: Lessons from Modern Insurgencies.*

RR-291/2-OSD. 2013. Christopher Paul, Colin P. Clarke, Beth Grill, and Molly Dunigan. *Paths to Victory: Detailed Insurgency Case Studies.*

MG-1253/1-OSD. 2013. Christopher Paul, Colin P. Clarke, Beth Grill, Stephanie Young, Jennifer D.P. Moroney, Joe Hogler, and Christine Leah. *What Works Best When Building Partner Capacity and Under What Circumstances?*

MG-1113-A. 2013. Isaac R. Porche III, Christopher Paul, Michael York, Chad C. Serena, Jerry M. Sollinger, Elliot Axelband, Endy Y. Min, and Bruce J. Held. *Redefining Information Warfare: Boundaries for an Army in a Wireless World.*

MG-1125-OSD. 2011. Christopher Paul, Agnes Gereben Schaefer, Colin P. Clarke. *The Challenge of Violent Drug-Trafficking Organizations: An Assessment of Mexican Security Based on Existing RAND Research on Urban Unrest, Insurgency, and Defense-Sector Reform.*

MG-1107-RC. 2011. Christopher Paul. "Winning Every Battle but Losing the War Against Terrorists and Insurgents" in Brian Michael Jenkins and John Paul Godges (eds.), *The Long Shadow of 9/11: America's Response to Terrorism.*

OP-337-OSD. 2011. Christopher Paul. *Counterinsurgency Scorecard: Afghanistan in Early 2011 Relative to the Insurgencies of the Past 30 Years.*

MG-1108-USMC. 2011. Christopher Paul, Harry J. Thie, Katharine Watkins Webb, Stephanie Young, Colin P. Clarke, Susan G. Straus, Joya Laha, Christine Osowski, and Chad C. Serena. *Alert and Ready: An Organizational Design Assessment of Marine Corps Intelligence.*

TR-1121-OSD. 2011. Jennifer D. P. Moroney, Beth Grill, Joe Hogler, Lianne Kennedy-Boudali, and Christopher Paul. *How Successful Are U.S. Efforts to Build Capacity in Developing Countries? a Framework to Assess the Global Train and Equip "1206" Program.*

TR-907-AF. 2010. Jefferson P. Marquis, Joe Hogler, Jennifer D. P. Moroney, Michael J. Neumann, Christopher Paul, John E. Peters, Gregory F. Treverton, and Anny Wong. *Adding Value to Air Force Management Through Building Partnerships Assessment.*

MG-964-OSD. 2010. Christopher Paul, Colin P. Clarke, and Beth Grill. *Victory Has a Thousand Fathers: Sources of Success in Counterinsurgency.*

MG-964/1-OSD. 2010. Christopher Paul, Colin P. Clarke, and Beth Grill. *Victory Has a Thousand Fathers: Detailed Counterinsurgency Case Studies.*

MG-868-AF. 2010. Jennifer D. P. Moroney, Joe Hogler, Jefferson P. Marquis, Christopher Paul, John E. Peters, and Beth Grill. *Developing an Assessment Framework for U.S. Air Force Building Partnerships Programs.*

MG-849-OSD. 2009. Christopher Paul. "How Do Terrorists Generate and Maintain Support?" in Paul K. Davis and Kim Cragin (eds.), *Social Science for Counterterrorism: Putting the Pieces Together.*

OP-250-RC. 2009. Christopher Paul. *Whither Strategic Communication? A Survey of Current Proposals and Recommendations*.

TR-360-DHS. 2007. Eric Landree, Christopher Paul, Beth Grill, Aruna Balakrishnan, Bradley Wilson, and Martin Libicki. *Freedom and Information: Assessing Publicly Available Data Regarding U.S. Transportation Infrastructure Security*.

MG-607-JFCOM. 2007. Todd C. Helmus, Christopher Paul, and Russell W. Glenn. *Enlisting Madison Avenue: The Marketing Approach to Earning Popular Support in Theaters of Operation*.

MG-439-OSD/JFCOM. 2006. Russell W. Glenn, Jody Jacobs, Brian Nichiporuk, Christopher Paul, Barbara Raymond, Randall Steeb, and Harry Thie. *Preparing for the Proven Inevitable: A Joint Urban Operations Training Strategy for 2005-2011*.

MG-200-RC. 2004. Christopher Paul and James J. Kim. *Reporters on the Battlefield: The Embedded Press System in Historical Context*.

Published Reviews

Review of *Colin Powell: American Power and Intervention From Vietnam to Iraq*, by Christopher D. O'Sullivan, Lanham, MD: Rowman & Littlefield, 2009. *Political Science Quarterly*, 2010, vol. 125, no. 1:162-163.

Review of *Elites after State Socialism: Theories and Analysis*, edited by John Higley and György Lenegyel, eds., Lanham, MD: Rowman & Littlefield, 2000. *Contemporary Sociology*, 2001, vol. 30, no. 3:285-6.

Selected Presentation and Briefing Audiences, by Year

2015: MCIOC; JIOWC Joint IO Assessment Working Group; UVA Seminar on Internal War; U.S. Air Force Special Operations School; *InfoWarCon 2015*; U.S. Army Information Operations Proponent Office IO Senior Leader Course; Centre for Defence and Security Studies, Massey University; Bureau of Counterterrorism, US Department of State.

2014: Personnel in OSD(CAPE), OSD(P), and the Joint Staff; AETC Air Command and Staff College; USASOC HQ; JFKSWCS; RAND Pittsburgh National Security Seminar; U.S. Air Force Special Operations School; National Security Council; Rapid Reaction Technology Office; Combating Terrorism Technical Support Office; Naval Postgraduate School; NATO COE/DAT; Centre for Defence and Security Studies, Massey University; RAND "Payday" Seminar Series; Carnegie Mellon University Center for International Relations and Politics.

2013: Senior personnel in OSD(CAPE), OSD(P), and the Joint Staff; personnel in Army G-3/5/7; Director, Joint Information Operations Warfare Center; Director for Information Operations OSD(P); Joint Staff J-38; Center for Army Analysis; Army Irregular Warfare Fusion Center; NATO HQ SACT; JCOA; USMC Small Wars Center and Irregular Warfare Integration Division; Naval Postgraduate School; Australian National University; New Zealand Defence Force Command and Staff College; New Zealand Ministry for Foreign Affairs and Trade; New

Zealand Defence Force Headquarters; New Zealand Institute of International Affairs; Royal New Zealand Air Force Base Ohakea; Centre for Defence and Security Studies, Massey University; Australian Army Land Warfare Studies Centre; U.S. Air Force Special Operations School.

2012: U.S. Air Force Special Operations School; personnel in OSD(CAPE), OSD(P) and the Joint Staff; "One RAND" Colloquium Series.

2011: Testimony before the House Armed Services Committee, Subcommittee on Emerging Threats and Capabilities; US Army/USMC COIN Center; General Tommy Franks Lecture Series at the U.S. Army Fires Center of Excellence; personnel in Army G-2; U.S. Air Force Special Operations School; Center for Army Analysis; National Defense University Center for Complex Operations; NATO Operational Analysis Workshop; Naval War College's Ruger Chair workshop on "Economics and Security: Challenges and Opportunities in a Resource Constrained World."

2010: US Army/USMC COIN Center; RAND National Defense Research Institute Advisory Board Meeting; Matthew B. Ridgway Center, University of Pittsburgh; Naval Postgraduate School; Military Operations Research Society Symposium; U.S. Department of State Foreign Service Institute; Naval Postgraduate School; U.S. Army War College.

2009: Personnel in OSD(CAPE) and OSD(P); *2009 World Wide Information Operations Conference*; Near East South Asia Center for Strategic Studies, National Defense University; U.S. Department of State Foreign Service Institute; *InfoWarCon 2009*; *Information Operations and Influence Activity Symposium*, Defence Academy of the United Kingdom, Cranfield University; Military Operations Research Society *Irregular Warfare II* Conference; Naval Postgraduate School.

2008: *NATO Joint Senior Psychological Operations Strategic Communication Conference*; *Interservice/Industry Training, Simulation, and Education Conference (IITSEC)*; U.S. Army War College; University of Pittsburgh Center for National Preparedness.

2007: University of Southern California Center for Public Diplomacy; U.S. Army Reserve Information Operations Conference; RAND Infrastructure, Safety, and Environment Advisory Board; National Defense University Transforming National Security Seminar Series.

Op-Eds and Commentary

Christopher Paul and Colin P. Clarke. "A broad approach to countering the Islamic State." *The Washington Post, Monkey Cage Blog*, 9/2/14.

<http://www.washingtonpost.com/blogs/monkey-cage/wp/2014/09/02/a-broad-approach-to-countering-the-islamic-state/>

Christopher Paul. "Paths to victory: Christopher Paul discusses what history tells us about how to defeat insurgencies." *New Zealand International Review*, May/June 2014, vol. 30, no. 4, p. 17-21.

Christopher Paul. "Paths to victory in the Australian defence and security context." *The Strategist: The Australian Strategic Policy Institute Blog*, 10/2/13.
<http://www.aspistrategist.org.au/paths-to-victory-in-the-australian-defence-and-security-context/>

Christopher Paul. "Should the U.S. Leave Afghanistan Now? History Favors More Time." *New York Times, Room for Debate* forum, 4/3/12.
<http://www.nytimes.com/roomfordebate/2012/04/03/should-the-us-leave-afghanistan-now>

Christopher Paul. "A Vision for Strategic Communication." *Perspectives*, Vol. III, Issue 8, August 2011. <http://www.layalina.tv/Publications/Perspectives/ChristopherPaul.pdf>

Christopher Paul. "Find the Right Balance Between Civilian and Military: Don't Just Strip the Department of Defense of Capabilities to Inform, Influence, and Persuade." *MountainRunner.us*. 10/31/10.
http://mountainrunner.us/2010/10/find_the_right_balance_in_influence.html

Christopher Paul. "Psychological Operations by another name are sweeter." *Small Wars Journal Blog*. 7/29/10.
<http://smallwarsjournal.com/blog/2010/07/psychological-operations-by-an/>

Christopher Paul. "Rethink Washington's 'War of Ideas.'" *Christian Science Monitor*. 6/2/09.
<http://www.csmonitor.com/2009/0602/p09s01-coop.html>

Christopher Paul. "PSYOP for everyone." *MountainRunner.us*. 5/4/09.
http://mountainrunner.us/2009/05/psyop_for_everyone.html

Christopher Paul. "Opinion: A Lease on Training." *Training and Simulation Journal*. 4/2/07.
<http://www.tsjonline.com/story.php?F=2572252>

Todd Helmus, Russell Glenn and Christopher Paul. "Outside View: Ad Men For U.S. Defense." *United Press International*. 3/20/07.
http://www.upi.com/International_Security/Industry/Analysis/2007/08/20/outside_view_ad_men_for_us_defense_/6253/

Teaching Experience

Lecturer/Advisor for *Systems Synthesis*, Heinz School, Carnegie Mellon University, Spring 2010, Spring 2011, Fall 2012, Spring 2014, Spring 2015.

Professor for *Inform, Influence, and Persuade: U.S. Government Public Diplomacy, Public Affairs, Strategic Communication, Information Operations, and Psychological Operations*, Pardee RAND Graduate School, Fall 2011.

Instructor/Facilitator for *Information Operations*, UNI Strategic, Singapore, June 2009.

Lecturer for various introductory statistical methods courses (Anthropology 80, Geography 40, Economics 40, Sociology 18, Statistics 10, Statistics 11, Statistics 12) Department of Statistics, UCLA, academic year 2001-2002.

Teaching Fellow for *Changing Society and Making History* (Sociology 2), Department of Sociology, UCLA, Winter 2000.

Teaching Assistant for various courses in the Department of Sociology, UCLA, 1994-1999.

Community Activities

Host Family for AFS Foreign Exchange Students, August 2008-June 2009 and August 2010-June 2011.

Instructor for Wine Appreciation class, Community College of Allegheny County Community Education Program (West Hills Campus), February 2008 and October 2008.

President, RAND recreation committee role-playing games club, 2003-present.

Member of Team Pittsburgh Aquatics Masters Swimming Program, 2002-present.

Honors and Awards

Fulbright Specialist Grant in Peace and Conflict Resolution at the Centre for Defence and Security Studies, Massey University, Palmerston North, New Zealand, October and November 2013.

2013 Military Operations Research Society *Military Operations Research* Journal Award for "Qualitative Comparative Analysis of 30 Insurgencies, 1978-2008."

RAND Merit Bonus Award, 2010.

ASA Political Sociology Section Graduate Student Paper Prize, August 2000, for "Moving Forward with State Autonomy and Capacity: Example from Two Studies of the Pentagon During W.W.II."

UCLA Dissertation Year Fellowship, 2000-2001.

UCLA Charles F. Scott Fellowship, 1996-1998, 1999-2000.