

# RUSSELL LUNDBERG

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## EDUCATION

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Ph.D. in Policy Analysis, Pardee RAND Graduate School, completed 2013

Dissertation: "Comparing Homeland Security Risks Using a Deliberative Risk Ranking Methodology." Committee: Henry H. Willis (advisor), Brian Jackson, Lisa Jaycox, Richard John (outside reader, University of Southern California)

M.Phil. in Policy Analysis, Pardee RAND Graduate School, completed 2009

M.P.P., concentration in social policy, University of Maryland, completed 2004

B.A. in Physics and Theatre, minor in communications, Hope College, completed 1996

## RESEARCH INTERESTS

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Program evaluation and risk analysis in homeland security and drug policy

Quantitative analyses of behaviors in terrorism, substance abuse, and dealing drugs

Policy analysis concerning security, drugs and drug policy, crime, violence, delinquency, prevention, and corrections

## PROFESSIONAL EXPERIENCE

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2020-present	Associate Professor of Security Studies, Sam Houston State University, Huntsville, TX
2014-2020	Assistant Professor of Security Studies, Sam Houston State University, Huntsville, TX
2014-2018	Adjunct researcher, RAND Corporation, Santa Monica, CA
2007-2014	Assistant Policy Analyst, RAND Corporation, Santa Monica, CA
2005-2007	Program Analyst, Department of Homeland Security, Office of Inspector General
2003-2004	Research Assistant, Center for Public Policy and Private Enterprise, College Park, MD
1999-2002	Regulatory Affairs Analyst, Fireman's Fund Insurance Company, Chicago, IL

## JOURNAL ARTICLES

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Jones, N., **R. Lundberg**, M. O'Deane (2022) "A Mixed Methods Social Network Analysis of San Diego Enforcement Task Forces and Agencies" *International Journal of Police Sciences*

**Lundberg, R.** (accepted) "Surveillance of a Comparative Set of Homeland Security Risks" *Homeland Security Affairs*

- Lundberg, R.**, and H. Willis. (2019) “Examining the Effectiveness of Risk Elicitations: Comparing a Deliberative Risk Ranking to a Nationally Representative Survey on Homeland Security Risk.” *Journal of Risk Research* 22(12):1546-1560
- Lundberg, R.** (2019) “Archetypal Terrorist Events in the United States.” *Studies in Conflict and Terrorism* 42(9):819-835
- Lundberg, R.** (2018) “A Multi-Attribute Approach to Describe Homeland Security Risks.” *Journal of Risk Research* 21(3):340-360
- Lundberg, R.**, and H. Willis. (2016) “Deliberative Risk Ranking in the Homeland Security Domain.” *Journal of Homeland Security and Emergency Management* 13(1):3-34
- Lundberg, R.**, and H. Willis (2015) “Assessing Homeland Security Risks: A Comparative Assessment of Homeland Security Risks.” *Homeland Security Affairs* 11, Article 10
- Saunders, J., **R. Lundberg**, J. Miles, and G. Ridgeway (2015) “A Synthetic Control Approach to Evaluating Place-Based Crime Interventions.” *Journal of Quantitative Criminology* 31(3), p. 413-434
- Pacula, R.L., and **R. Lundberg**. (2014) “The Influence of Price on Marijuana Consumption and Its Relevance for Policy Reforms.” *Public Health Review* 35(2)

## **BOOK CHAPTERS**

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- Lundberg, R.** (2020) Comparative Risk Rankings in Support of Homeland Security Strategic Plans. In S. Chatterjee, R. Brigantic, and A. Waterworth, eds., *Applied Risk Analysis for Guiding Homeland Security Policy*. Pacific Northwest National Laboratory. Wiley & Sons.
- Lundberg, R.**, and H. Willis (2017) Integrating Stakeholder Values into Strategic Planning through Comparative Risk Analysis. In A. Abbas, M. Tambe, and D. von Winterfeldt, eds., *Improving Homeland Security Decisions*. National Center for Risk and Economic Analysis of Terrorist Events (CREATE). Cambridge, UK. Cambridge University Press.
- Lundberg, R.**, and T. LaTourrette (2012) The Benefits of Security Depend on How It Shapes Adversary Choices: The Example of the Federal Air Marshal Service. In Jackson, B., T. LaTourrette, E. Chan, **R. Lundberg**, A. Morral, D. Frelinger *Efficient Aviation Security: Strengthening the Analytic Foundation for Making Air Transportation Security Decisions* (pp. 81-90) Rand Monograph MG-1220-RC (Peer-reviewed)

## **PEER-REVIEWED REPORTS**

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- Kilmer, B., S. Everingham, J. Caulkins, G. Midgette, R. Pacula, P. Reuter, R. Burns, B. Han, and **R. Lundberg**. (2014) “What America’s Users Spend on Illicit Drugs: 2000-2010.” Office of National Drug Control Policy
- Kilmer, B., S. Everingham, J. Caulkins, G. Midgette, R. Pacula, P. Reuter, R. Burns, B. Han, and **R. Lundberg**. (2014) “What America’s Users Spend on Illicit Drugs: 2000-2010. Technical Report.” Office of National Drug Control Policy
- Pacula, R. L., **R. Lundberg**, J. P. Caulkins, B. Kilmer, S. Greathouse, T. Fain, and P. Steinberg (2013) “Improving the Measurement of Drug-Related Crime.” Office of National Drug Control Policy

Nicosia, N., R. L. Pacula, B. Kilmer, **R. Lundberg**, and J. Chiesa (2009) “The Economic Cost of Methamphetamine Use in the United States, 2005.” Rand Monograph MG-829-MPF\_NIDA (Peer-reviewed)

Davis, L.M., M. Pollard, J. Goulka, K. Mack, **R. Lundberg**, and P. Steinberg (2008) “The Role of the United States Postal Service in Public Safety and Security: Implications of Relaxing the Mailbox Monopoly” Rand Monograph MG-800-USPS (Peer-reviewed)

## **OTHER SELECTED WRITINGS**

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Hale, G., M., N. Jones, A. Hale, and **R. Lundberg**. (2018) “Uncovering Human Smuggling Patterns from Guatemala to the United States.” Voir Dire International, LLC, report to DHS/U.S. Border Patrol

**Lundberg, R.**, S. Greathouse, R.L. Pacula, and B. Kilmer (2011) “Updated Literature Review of the Causal Link between Drug Use and Crime.” Restricted Project Memorandum PM-3860, RAND Santa Monica, CA: RAND

Pacula, R.L., B. Kilmer, D. Powell, S. Jones, N. Nicosia, and **R. Lundberg** (2011) “Data Sources for Assessing the Impact of NPLeX in a Multi-State Evaluation” Restricted Draft Paper, DB-618-CHPA, RAND Santa Monica, CA: RAND

Nicosia, N., R.L. Pacula, B. Kilmer, **R. Lundberg**, and J. Chiesa (2009) “The Costs of Methamphetamine Use: A National Estimate” Rand Brief RB-9438-MPF\_NIDA

Davis, L.M., M. Pollard, J. Goulka, K. Mack, **R. Lundberg**, and P. Steinberg (2008) “How Would Relaxing the Mailbox Rule Affect Public Safety and Security?” Rand Brief, RB-9396-USPS, RAND Santa Monica, CA: RAND

U.S. Department of Homeland Security, Office of Inspector General. (2008) *Review of the USCIS Benefit Fraud Referral Process* (OIG-08-09)

U.S. Department of Homeland Security, Office of Inspector General. (2007) *A Review of CBP and ICE Responses to Recent Incidents of Chinese Human Smuggling in Maritime Cargo Containers* (OIG-07-40)

U.S. Department of Homeland Security, Office of Inspector General (2006) *Progress in Developing the National Asset Database* (OIG-06-40)

U.S. Department of Homeland Security, Office of Inspector General. (2006) *A Performance Review of FEMA's Disaster Management Activities in Response to Hurricane Katrina*. (OIG-06-32)

Barker, J. and **R. Lundberg**, (2004) “Competitive Sourcing at Offutt Air Force Base—A Collaborative Public-Sector Approach” in J.S. Ganzler and W. Lucyshyn, eds., *Implementing Alternative Sourcing Strategies, Four Case Studies*, IBM Center for the Business of Government, pp. 48-58

## **MANUSCRIPTS IN PREPARATION**

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**Lundberg, R.** (under review) “Identifying Important Aspects of Homeland Security Risk: A Principle Component Analysis of 10 Hazards”

**Lundberg, R.** (conference paper) “Dominant Theoretical Approaches for Risk Assessment in Security Studies.”

Davis, L.M., S. Turner, M Williams, **R. Lundberg**, and D. Han (conference paper) “Meeting the Health Care Needs of the Realignment Population: Estimating

Their Healthcare Profiles and Eligibility for Medicaid Under Health Care Reform.”

Pacula, R.L., J. Caulkins, S. Greathouse, B. Kilmer, **R. Lundberg**, and P. Steinberg (conference paper) “Rethinking Drug-Attributable Crime Beyond DAFs: Toward a New Conceptual Framework and a Dashboard Approach.”

## **HONORS, LEADERSHIP, AND AWARDS**

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2010-2011 On-The-Job Training Broker, Pardee RAND Graduate School

2009 RAND Impact award, RAND Corporation

2008-2009 Coordinating Committee Representative, Pardee RAND Graduate School

2007 Newton Minow Scholarship, Pardee RAND Graduate School

2007 Award for Excellence, President’s Council for Integrity and Efficiency, for the Department of Homeland Security Office of Inspector General Katrina Review team

2007 Special Cash Act Award, U.S. Government, for the Department of Homeland Security Office of Inspector General Katrina Review team

2007 Special Cash Act Award, U.S. Government, for Department of Homeland Security Office of Inspector General performance

2004 Pi Alpha Alpha, honor society for public affairs

2000-2001 Chicago Council for Foreign Relations, member, Young Leaders Group

1999-2001 Griffin Theatre Company, Company Member and Political Liaison

## **GRANTS AND FELLOWSHIPS**

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2018 Faculty Research Grant, Sam Houston State University, \$5,000

2018 External Grant Application Development System grant, Sam Houston State University College of Criminal Justice, \$6,500

2015 United States Department of Homeland Security through the National Center for Risk and Economic Analysis of Terrorism Events (CREATE) under Cooperative Agreement No. 2010-ST-061-RE0001, research grant, “Surveillance of a Comparative Set of Homeland Security Risks”, \$19,000

2013 Graduate Student Conference Scholarship, International Society for the Study of Drug Policy

2011-2012 Harold Brown Fellowship, Center for Global Risk and Security, RAND Corporation

2011-2013 National Security Research Division dissertation grant, RAND Corporation

2010 Travel and tuition stipend from the Department of Justice, Bureau of Justice Statistics, to attend Quantitative Analysis of Crime and Criminal Justice seminar at the Inter-University Consortium for Political and Social Research, National Archive of Criminal Justice Data, University of Michigan, Ann Arbor, Michigan

2009 Travel stipend from the Department of Homeland Security, Office of Science and Technology, to attend the DHS University Network Summit, Washington, DC

## **INVITED TALKS**

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“Dominant Theoretical Approaches for Risk Assessment in Security Studies” invited presentation and session moderation at the National Security Threat and Risk Assessment: Theoretical Frameworks & Practical Experiences—Applications for Arab States workshop, Future Center for Advanced Researches and Studies, Abu Dhabi, United Arab Emirates. Oct. 21-22, 2015.

## **PRESENTATIONS AND WORKSHOPS**

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- “The Importance of Terror in Terrorism Risk Analyses” Presentation accepted at the Academy of Criminal Justice Sciences annual meeting. Scheduled for March 2020, cancelled due to COVID-19.
- “Integrating Perceptual Characteristics into Disaster Risk Assessments” Presentation at the 2<sup>nd</sup> International Conference in Homeland Security: Domestic and Global Perspectives. March 3, 2020.
- “Addressing Terror in Homeland Security Policy” Presentation at the Association of Public Policy Analysis and Management. November 8, 2019.
- “Terrorist Modus Operandi from Archetypal Analysis” Presentation at the American Society of Criminology Annual Meeting. November 16, 2018.
- “Surveillance of a Comparative Set of Homeland Security Risks” Poster presentation at the Society for Risk Analysis Annual Meeting. December 12, 2016.
- “The Most Wanted: Archetypal Terrorist Events” Presentation at the American Society of Criminology Annual Meeting. November 16, 2016.
- “Perceptions of Homeland Security Risk: Comparing Responses of a Nationally Representative Survey to a Deliberative Risk Ranking Method” Poster presentation at the Society for Risk Analysis Annual Meeting, December 8<sup>th</sup>, 2014
- “Using a Deliberative Risk Ranking Methodology for Homeland Security Risks” Presentation at the Homeland Security and Defense Education Summit, October 10<sup>th</sup>, 2014
- “Rethinking Drug-Attributable Crime Beyond DAFs: Toward a New Conceptual Framework and a Dashboard Approach” Presentation at the International Society for the Study of Drug Policy Conference, May 16<sup>th</sup>, 2013
- “Comparing Risks from Accidents, Disasters, and Terrorism.” Presentation at Institute for Operations Research and the Management Science (INFORMS) Annual Meeting, November 13<sup>th</sup>, 2011
- “Comparing Risks from Accidents, Disasters, and Terrorism.” Presentation at Integrated Disaster Risk Management (IDRiM) Society Conference, July 15<sup>th</sup>, 2011
- “Comparing Risks from Accidents, Disasters, and Terrorism.” Presentation at Military Operations Research Society (MORS) Symposium, June 21<sup>st</sup>, 2011
- “Using NIBRS to Examine the Drug-Crime Link.” Presentation at RAND Drug Policy Research Center brownbag, Aug. 26<sup>th</sup>, 2010
- “Using Risk Analysis to Inform Law Enforcement Intelligence Allocation.” Poster and platform presentation at Society for Risk Analysis conference, Dec. 6<sup>th</sup>, 2009

“Using Risk Analysis to Inform Law Enforcement Intelligence Allocation.” Poster presented at Department of Homeland Security University Network Summit, March 17<sup>th</sup>-18<sup>th</sup>, 2009

## **TEACHING EXPERIENCE**

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Capstone in Homeland Security Studies (SHSU, graduate level)

Thesis in Homeland Security Studies (SHSU, graduate level)

Risk Assessment and Management (SHSU, graduate level)

Critical Infrastructure Protection (SHSU, graduate level)

Critical Infrastructure Risk Management (SHSU, graduate level)

Cybersecurity (SHSU, graduate level)

Research Methods (SHSU, graduate level)

Security and Management (SHSU, graduate level)

Contemporary Issues in Homeland Security (SHSU, undergraduate level)

Drug Policy and Security (SHSU, undergraduate level)

Introduction to Homeland Security (SHSU, undergraduate level)

Global Terrorism and Homeland Security (SHSU, undergraduate level)

Introduction to Cybersecurity (SHSU, undergraduate level, developed online)

Critical Infrastructure Security (SHSU, undergraduate level, developed online)

Transportation Security (SHSU, undergraduate level, developed online)

Energy Security (SHSU, undergraduate level, developed online)

## **PROFESSIONAL SERVICE**

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Managing Editor: *Journal of Drug Policy Analysis*, 2011-2016

Referee for Journals: *Journal of Drug Policy Analysis*, *International Journal of Offender Therapy and Comparative Criminology*, *Contemporary Drug Problems*, *Decision Analysis*, *Perspectives on Terrorism*, *International Journal of Drug Policy*, *Journal of White Collar and Corporate Crime*

Grant Reviewer: Borders, Trade, and Immigration DHS Center of Excellence external grant; DOJ Office of Justice Programs grant *Investigator-Initiated Research and Evaluation on Firearm Violence*; DOJ Office of Justice Programs grant *Research and Evaluation on Domestic Terrorism*

Member: Society for Risk Analysis, American Society of Criminology

Last updated: October 2022