

Rosanna Smart

RAND Corporation
1776 Main Street
Santa Monica, CA 90407

Email: rsmart@rand.org
(310) 393-0411 x7792

EDUCATION

- 2016 **Ph.D., Economics**, University of California, Los Angeles
Committee: Adriana Lleras-Muney, Till von Wachter, Leah Boustan, Mark Kleiman
Dissertation: Essays on the Effects of Medical Marijuana Laws
- 2008 **B.A., Economics, summa cum laude**, Pomona College, Claremont, CA
Minor: Mathematics

RESEARCH FIELDS

Health Economics, Economics of Crime, Labor Economics, Public Finance

EMPLOYMENT AND POSITIONS

- 2019- **RAND Corporation**, Economist, Santa Monica, CA
- 2019- **USC Sol Price School of Public Policy**, Adjunct Professor, Los Angeles, CA
Course: Introduction to Microeconomics: Applications in Health
- 2016-2019 **RAND Corporation**, Associate Economist, Santa Monica, CA
- 2017 **UCLA**, Co-Instructor for UCLA Extension course
Course: Cannabis Policy, Commerce, and Science
- 2014-2016 **BOTEC Analysis Corporation**, Research Associate, Los Angeles, CA
- 2011-2013 **UCLA**, Graduate Research Assistant for Adriana-Lleras Muney, Los Angeles, CA
- 2011-2013 **UCLA**, Teaching Assistant, Los Angeles, CA
Courses: Public Finance, Intro Economics, Statistics, Intro Macroeconomics
- 2008-2010 **Brookings Institution**, Research Assistant, Washington, DC
- 2006 **National Economic Research Associates**, Research Associate Intern, New York, NY

PUBLICATIONS

Journal Articles

- Smart, Rosanna**, Terry L. Schell, Matthew Cefalu, and Andrew R. Morral. Forthcoming, 2020. "Impact on Non-Firearm Deaths of Firearm Laws Affecting Firearm Deaths: A Systematic Review and Meta-Analysis." *American Journal of Public Health*. e1–e9. DOI:10.2105/AJPH.2020.305808. [Epub ahead of print].
- Schuler, Megan S., Sara E. Heins, **Rosanna Smart**, Beth Ann Griffin, David Powell, Bryce Pardo, Sierra Smucker, Elizabeth A. Stuart, Stephan Patrick, Rosalie L. Pacula, and Bradley D. Stein. 2020. "The State of the Science in Opioid Policy Research." *Drug and Alcohol Dependence*. DOI: 10.1016/j.drugalcdep.2020.108137. [Epub ahead of print].
- Smart, Rosanna**, Bryce Pardo, and Corey S. Davis. 2020. "Systematic Review of the Emerging Literature on the Effectiveness of Naloxone Access Laws in the United States." *Addiction*. DOI: 10.1111/add.15163. [Epub ahead of print].

- Schell, Terry L., Matthew Cefalu, Beth Ann Griffin, **Rosanna Smart**, and Andrew R. Morral. 2020. "Changes in Firearm Mortality Following the Implementation of State Laws Regulating Firearm Access and Use." *Proceedings of the National Academy of Sciences* 117(26): 14906–14910.
- Smart, Rosanna** and Bryce Pardo. 2020. "Capsule Commentary for Azcarate et. al., Medical Reasons for Marijuana Use." *Journal of General Internal Medicine*. DOI: 10.1007/s11606-020-05843-w.
- Smart, Rosanna**, Caroline K. Geiger, Christopher M. Jones, and Bradley D. Stein. 2020. "Prescribers and Naloxone Pharmacy Claims." *Journal of General Internal Medicine*. <https://doi.org/10.1007/s11606-020-05791-5>. PMID: In process.
- Grant, Sean, **Rosanna Smart**, and Bradley D. Stein. 2020. "We Need a Taxonomy of State-Level Opioid Policies." *JAMA Health Forum*. 2760779. NIHMSID: NIHMS1571840. PMID: In process.
- Haffajee, Rebecca, Samantha Cherney, and **Rosanna Smart**. 2020. "Legal Requirements and Recommendations to Prescribe Naloxone." *Drug and Alcohol Dependence* 209: 107896. PMID: PMC7127952.
- Smart, Rosanna**, Courtney Kase, Erin Taylor, Susan Lumsden, Scott R. Smith, and Bradley D. Stein. 2020. "Strengths and Weaknesses of Existing Data Sources to Support Research to Address the Opioids Crisis." *Preventive Medicine Reports* 17: 101015. PMID: PMC6971390.
- Firth, Caislin, Steven Davenport, **Rosanna Smart**, and Julia A. Dilley. 2020. "How High: Differences in the Developments of Cannabis Markets in Two Legalized States." *International Journal of Drug Policy* 75: 102611. PMID: PMC7041961.
- Smart, Rosanna**, Caroline K. Geiger, Christopher M. Jones, and Bradley D. Stein. 2019. "An Observational Study of Retail Pharmacy Naloxone Prescriptions: Differences Across Provider Specialties and Patient Populations." *Journal of General Internal Medicine*. PMID: PMC7280461.
- Smart, Rosanna** and Rosalie L. Pacula. 2019. "Early Evidence of the Impact of Cannabis Legalization on Cannabis Use, Cannabis Use Disorder, and the Use of Other Substances: Findings from State Policy Evaluations." *American Journal of Drug and Alcohol Abuse* 45(6): 644–663. PMID: PMC6934162.
- Geiger, Caroline, **Rosanna Smart**, and Bradley D. Stein. 2019. "Who Receives Naloxone from Emergency Medical Services?: Characteristics of Calls and Recent Trends." *Substance Abuse* Jul 30: 1–8. PMID: PMC6989345.
- Smart, Rosanna**, and Mark A.R. Kleiman. 2019. "Association of Cannabis Legalization and Decriminalization with Arrest Rates of Youths." *JAMA Pediatrics* 173(8): 725–727.
- Kilmer, Beau, **Rosanna Smart**, Jirka Taylor, and Jonathan P. Caulkins. 2019. "Prescribing Diamorphine (Heroin) to Dependent Users: Support Varies Depending on What It's Called." *Drug and Alcohol Dependence* 196: 62–65. PMID: 30708289.
- Smart, Rosanna**, Karen C. Osilla, Lisa Jonsson, and Susan M. Paddock. 2018. "Differences in Alcohol Cognitions, Consumption, and Consequences among First-time DUI Offenders Who Co-Use Alcohol and Marijuana." *Drug and Alcohol Dependence* 191: 187–194. PMID: PMC6309328.
- Smart, Rosanna**, Jonathan P. Caulkins, Beau Kilmer, Steven Davenport, and Greg Midgette. 2017.

“Response to Commentaries: New Data Sources for Understanding Cannabis Markets.” *Addiction* 112 (12): 2180–2181. PMID: PMC6428042.

Smart, Rosanna, Jonathan P. Caulkins, Beau Kilmer, Steven Davenport, and Greg Midgette. 2017. “Variation in Cannabis Potency and Prices in a Newly-Legal Market: Evidence from 30 Million Cannabis Sales in Washington State.” *Addiction* 112 (12): 2167–2177. PMID: PMC5673542.

Pacula, Rosalie L., and **Rosanna Smart**. 2017. “Medical Marijuana and Marijuana Legalization.” *Annual Review of Clinical Psychology* 13 (1): 397–419. PMID: PMC6358421.

Brown, Eleanor, and **Rosanna Smart**. 2007. “Racial Differences in Civic Participation and Charitable Giving: The Confounding Effects of Educational Attainment and Unmeasured Ability,” *The Review of Black Political Economy* 34 (3-4): 259–271.

Peer-Reviewed Monographs, Reports, Book Chapters

Smart, Rosanna, Andrew R. Morral, Sierra Smucker, Samantha Cherney, Terry Schell, Samuel Peterson, Sangeeta C. Ahluwalia, Matthew Cefalu, Lea Xenakis, Rajeev Ramchand, and Carole Gresenz. 2020. *The Science of Gun Policy: A Critical Synthesis of Research Evidence on the Effects of Gun Policies in the United States, Second Edition*. Santa Monica, CA: RAND Corporation. RR-2088-1.

Griffin Beth Ann, Geoffrey Grimm, **Rosanna Smart**, Rajeev Ramchand, Lisa H. Jaycox, Lynsay Ayer, Erin Leidy, Steven Davenport, Terry L. Schell, and Andrew Morral. 2020. *Comparing the Army’s Suicide Rate to the General US Population*. Santa Monica, CA: RAND Corporation. RR-3025.

Kilmer, Beau, Steven Davenport, **Rosanna Smart**, Jonathan P. Caulkins, and Gregory Midgette. 2019. *After the Grand Opening: Assessing Cannabis Supply and Demand in Washington State*. Santa Monica, CA: RAND Corporation. RR-3138.

Kilmer, Beau, Jirka Taylor, Jonathan P. Caulkins, Pam Mueller, Allison Ober, Bryce Pardo, **Rosanna Smart**, Lucy Strang, and Peter Reuter. 2018. *Considering Heroin-Assisted Treatment and Supervised Consumption Sites in the United States*. Santa Monica, CA: RAND Corporation. RR-2693.

Smart, Rosanna, Courtney Kase, Amanda Meyer, and Bradley D. Stein. 2018. *Data Sources and Data-Linking Strategies to Support Research to Address the Opioid Crisis*. Washington, DC: Assistant Secretary for Planning and Evaluation, U.S. Department of Health and Human Services.

Hunt, Priscillia E., **Rosanna Smart**, Lisa Jonsson, and Flavia Tsang. 2018. *Breaking Down Barriers: Experiments into Policies That Might Incentivize Employers to Hire Ex-Offenders*. Santa Monica, CA: RAND Corporation. RR-2142.

Morral, Andrew R., Rajeev Ramchand, **Rosanna Smart**, Carole R. Gresenz, Samantha Cherney, Nancy Nicosia, Carter C. Price, Stephanie B. Holliday, et al. 2018. *The Science of Gun Policy: A Critical Synthesis of Research Evidence on the Effects of Gun Policies in the United States*. Santa Monica, CA: RAND Corporation. RR-2088.

Sturm, Roland, Haijing C. Huang, Flavia Tsang, Liisa Hiatt, **Rosanna Smart**, Cameron Wright, and Helen Wu. 2018. *Examining Consumer Responses to Calorie Information on Restaurant Menus in a Discrete Choice Experiment*. Santa Monica, CA: RAND Corporation. RR-1957.

Hunter, Sarah, Lois Davis, **Rosanna Smart**, and Susan T. Turner. 2017. *Impact of Proposition 47 on Los Angeles County Operations and Budget*. Santa Monica, CA: RAND Corporation. RR-1754.

Policy Briefs, Technical Reports, and Tools

Wang, Elaine Lin, and **Rosanna Smart**. 2020. *Understanding and Using Research on Gun Policy in America: An Interdisciplinary Unit Plan Based on RAND's Gun Policy in America Website, Suggested Grades 10–12*. Santa Monica, CA: RAND Corporation. TL-A243-1.

Schell, Terry L., Samuel Peterson, Brian Vegetabile, Adam Scherling, **Rosanna Smart**, and Andrew R. Morral. 2020. *State-level Estimates of Household Firearm Ownership*. Santa Monica, CA: RAND Corporation. TL-354.

Hunt, Priscillia E., **Rosanna Smart**, Lisa Jonsson, and Flavia Tsang. 2018. *Incentivizing Employers to Hire Ex-Offenders: What Policies Are Most Effective?* Santa Monica, CA: RAND Corporation. RB-10003.

Smart, Rosanna. 2018. “Evidence on the Effectiveness of Heroin-Assisted Treatment.” RAND Working Paper Series WR-1263. Santa Monica, CA: RAND Corporation.

Jones, Tyler, Clarissa Manning, John McCown, Colleen McKee, Angela Robertson, Brad Rowe, **Rosanna Smart**, and Jeremy Ziskind. 2016. *Precursors of Crime in Jackson: Early Warning Indicators of Criminality*. Los Angeles, CA: BOTEK Analysis Corporation.

Smart, Rosanna, Brad Rowe, Angela Hawken, Mark Kleiman, Nate Mladenovic, Peter Gehred, and Clarissa Manning. 2015. *Faster and Cheaper: How Ride Sourcing Fills a Gap in Low-Income Los Angeles Neighborhoods*. Los Angeles, CA: BOTEK Analysis Corporation.

Bosworth, Barry, and **Rosanna Smart**. 2009. *The Wealth of Older Americans and the Sub-Prime Debacle.*” Working paper. Retirement Research Consortium.

Bosworth, Barry, and **Rosanna Smart**. 2009. *Evaluating Micro-Survey Estimates of Wealth and Saving.*” Working Paper. Center for Retirement Research, Boston College.

Select Op-Eds and Web Articles

Morral, Andrew, and **Rosanna Smart**. 2019. [‘Stand your ground’ laws increase violence](#). *Orlando Sentinel*, September 11.

Kilmer, Beau, and **Rosanna Smart**. 2018. [How will cannabis legalization affect alcohol use?](#) *GreenState (The San Francisco Chronicle’s cannabis journalism start-up)*, February 13.

Smart, Rosanna. 2018. [Mass Shootings: Definitions and Trends](#). Web essay for RAND’s *Gun Policy in America* initiative, March 2.

Smart, Rosanna. 2018. [Firearm and Ammunition Taxes](#). Web essay for RAND’s *Gun Policy in America* initiative, March 2.

WORKING PAPERS

Griffin Beth Ann, Megan Schuler, Elizabeth A. Stuart, Stephan Patrick, Elizabeth McNeer, **Rosanna Smart**, David Powell, Bradley D. Stein, Terry Schell, and Rosalie L. Pacula. “Variation in Performance of Commonly Used Statistical Methods for Estimating Effectiveness of State-Level Opioid Policies on Opioid Related Mortality.” Revise & resubmit, *Journal of the American Statistical Association*, Submitted March 2020.

Andraka-Christou, Barbara, Adam Gordon, Kathryn Bouskill, **Rosanna Smart**, Olivia Randall-Kosich, Matthew Golan, Rachel Totaram, and Bradley Stein. “Towards a Typology of Office-Based Buprenorphine Treatment Laws: Themes from a Review of State Laws.” Revise & resubmit, *Addiction*, Submitted April 2020.

Smart, Rosanna and Peter Reuter. “Why does Heroin-Assisted Treatment Reduce Crime? A Systematic Review of Nine Randomized-Controlled Trials.” Under review, *Addiction*, Submitted August 2020.

Williams, Jenny, Rosalie L. Pacula, and **Rosanna Smart**. 2019. “De Facto or De Jure? Ethnic Differences in Quit Responses to Legal Protections of Medical Marijuana Dispensaries Date.” NBER Working Paper No. 25555. Cambridge, MA: National Bureau of Economic Research.

Pacula, Rosalie L., Jason G. Blanchette, Marlene C. Lira, **Rosanna Smart**, and Timothy S. Naimi. “Sales Limits for Recreational Cannabis Use in U.S. States.” To be presented at the APHA 2020 Annual Meeting and Expo, October 2020.

Anwar, Shamena, Matthew Baird, John Engberg, and **Rosanna Smart**. “Does Job Training Reduce Arrests? Evidence from a Disadvantaged Worker RCT.” Presented at the SREE Spring 2020 Conference (Arlington, VA), March 2020.

Sherry, Tisamarie, Bradley D. Stein, Adrienne Sabety, **Rosanna Smart**, and Nicole Maestas. “Opioids Without Pain? Documentation of the Clinical Rationale for Opioid Analgesics Prescribed to Adolescents and Young Adults, 2006-2015.” Presented at the 2020 Annual Research Meeting of AcademyHealth, January 2020.

Pacula, Rosalie L., David M. Powell, and **Rosanna Smart**. “The Dynamics of Local Opioid Markets and Their Response to State Policies.” Presented at the Southern Economic Association Annual Conference (Ft. Lauderdale, FL), November 2019.

Smart, Rosanna. “Smoke and Mirrors: Health Effects of Medical Marijuana Market Growth.” Presented at the Association of Public Policy Analysis and Management (Washington DC), November 2018.

Hunt, Priscillia E. and **Rosanna Smart**. “Investigation of Employers’ Preferences for the Design of Tax Incentives to Hire Ex-Felons.” Presented at the All-California Labor Economics Conference (Los Angeles, CA), October 2018.

Smart, Rosanna and Rosalie L Pacula. “Approximating Alcohol Dependence in the Absence of DSM Criteria: The Value of Alcohol Consumption History.” Presented at the Addiction Health Services Research Annual Meeting (Savannah, GA), October 2018.

Hunt, Priscillia E., **Rosanna Smart**, and Rosalie L. Pacula. “Are Alcohol Taxes Still an Effective Policy Lever for Raising Alcohol Prices to Improve Health? Evidence from the Great Recession.” Presented at the 7th Conference of the American Society of Health Economists (Atlanta, GA), June 2018.

ONGOING RESEARCH SUPPORT

03/20–05/21, “Evaluation of Baltimore’s Aerial Research Investigation Program,” Arnold Ventures. Principal Investigator: Andrew Morral. *Role: Co-Investigator*.

11/19–09/20, “MACPAC MODRN-SUD 1.0 Project,” Subcontract to AcademyHealth. Principal Investigator: Susan Kennedy. *Role: Principal Investigator [subcontract]*.

- 10/19–09/20, “The Causes and Consequences of Opioid and Benzodiazepine Use Among Older Americans: A Panel Survey Approach,” University of Michigan. Principal Investigators: Philip Armour and Rosanna Smart. *Role: Co-Principal Investigator.*
- 10/19–09/24, “Development and Implementation of a Culturally Centered Opioid Prevention Intervention for American Indian/Alaska Native Young Adults in California,” National Institute on Drug Abuse (UG3DA050235). Principal Investigator: Elizabeth D’Amico. *Role: Economic Evaluation Lead Investigator.*
- 10/19–09/22, “A Pilot Trial to Prevent Intoxicated and Impaired Driving among Adolescents,” National Institute on Alcohol Abuse and Alcoholism (R34AA027689). Principal Investigator: Karen C. Osilla. *Role: Co-Investigator.*
- 08/18–07/23, “Opioid Policy, Technology, & Implementation Center for Research eXcellence,” National Institute on Drug Abuse (P50DA046351). Principal Investigators: Bradley Stein and Rosalie Pacula. *Role: Components Project Principal Investigator and Co-Investigator on Data and Methods Core.*
- 07/18–03/21, “Impact of Marijuana Legalization on Opioid Prescribing and Poisonings in Colorado,” National Institute on Drug Abuse (R01DA045051). Principal Investigators: Rosalie L. Pacula and Christine Buttorff. *Role: Co-Investigator.*
- 07/18–08/21, “Using Scientific Evidence to Build Consensus on U.S. Gun Policy,” Laura and John Arnold Foundation. Principal Investigator: Andrew Morral. *Role: Principal Investigator for Research Synthesis, Lethal Means Substitution, and Expert Survey Tasks.*
- 07/18–06/22, “Impact of Marijuana Policies on Alcohol Use and Alcohol-Related Mortality,” National Institute on Alcohol Abuse and Alcoholism (R01AA026268). Principal Investigator: Timothy Naimi. *Role: Principal Investigator [subcontract].*
- 04/18–04/21, “State Naloxone Policies: Exploring Effects of Implementation on EMS and Community Bystander Use,” National Institute on Drug Abuse (R21DA045950). Principal Investigator: Rosanna Smart. *Role: Principal Investigator.*
- 01/18–08/21, “LA DOOR Data Evaluation Services,” Los Angeles City Attorney’s Office. Co-Principal Investigators: Melissa Labriola & Rosanna Smart. *Role: Co-Principal Investigator.*
- 02/18–12/20, “Understanding Socio-environmental and Physical Risk Factors Influencing Firearm Violence,” National Institute of Justice. Principal Investigator: Priscillia Hunt. *Role: Co-Investigator.*

COMPLETED RESEARCH SUPPORT

- 04/14–05/20, “The RAND Alcohol Policy Platform (RAPP): A Microsimulation Model of Alcohol Use, Consequences, and Policies in the United States,” National Institute on Alcohol Abuse & Alcoholism (R01AA022132-01A1). Principal Investigator: Rosalie L. Pacula. *Role: Co-Investigator.*
- 10/18–12/19, “Strengthening and Optimizing the Army’s Policies on Enlistment Waivers,” U.S. Army. Principal Investigator: Beth Asch. *Role: Co-Investigator*
- 03/15–09/19, “Creating Career Ladders for Unemployed and Underemployed Workers in New Orleans,” U.S. Department of Labor. Co-Principal Investigators: Matthew Baird and John Engberg. *Role: Co-*

Investigator.

- 02/18–02/19, “After the Grand Opening: Assessing Washington’s Cannabis Market Three Years After Legal Sales,” Washington State Liquor Control Board. Principal Investigator: Beau Kilmer. Role: *Co-Investigator.*
- 09/16–08/19, “High Risk Civilian Population Suicidality,” U.S. Army. Co-Principal Investigators: Beth Ann Griffin and Rajeev Ramchand. Role: *Co-Investigator.*
- 07/14–04/19, “Delivering Treatment in DUI Programs to Reduce Alcohol-Related Disparities,” National Institute on Minority Health and Health Disparities (R01MD007762). Principal Investigator: Karen Osilla. Role: *Co-Investigator.*
- 02/18–09/18, “Update and Dissemination of Report on Linking Data Effectively to Conduct Research on Actionable Interventions to Address the Opioids Crisis,” Assistant Secretary for Planning & Evaluation, Department of Health and Human Services. Principal Investigator: Bradley Stein and Rosanna Smart. Role: *Co-Principal Investigator.*
- 10/17–12/18, “New Ideas for Reducing Opioid-Related Deaths, Disabilities, and Disparities: Assessing the Possible Consequences of Allowing Heroin Prescription and Supervised Consumption Sites,” Office of the President, RAND. Principal Investigator: Beau Kilmer. Role: *Co-Investigator.*
- 12/15–05/18, “Public Health and Safety Impacts of Marijuana Legalization in the Pacific Northwest,” National Institute on Drug Abuse (R01DA039293), Subcontract with Multnomah County Health Department. Principal Investigator: Beau Kilmer. Role: *Co-Investigator.*
- 01/16–10/17, “Firearms in America,” Office of the President, RAND. Principal Investigator: Andrew Morral. Role: *Research Synthesis Co-Principal Investigator.*
- 08/17–09/17, “Linking Data Effectively to Conduct Research on Actionable Interventions to Address the Opioids Crisis,” Assistant Secretary for Planning & Evaluation, Department of Health and Human Services. Principal Investigator: Bradley Stein and Rosanna Smart. Role: *Co-Principal Investigator.*
- 08/17–09/17, “Health Policies on Access and Use of Overdose Treatment Therapies and Newly Marketed Opioid Alternatives,” Assistant Secretary for Planning & Evaluation, Department of Health and Human Services. Principal Investigator: Bradley Stein. Role: *Co-Investigator.*
- 08/17–08/17, “SAMHSA Data Waiver,” SAMHSA, Subcontract with Development Services Group, Inc. Principal Investigator: Martin Iguchi. Role: *Co-Investigator.*
- 07/17–09/17, “National Law Enforcement Corrections and Technology Center System Small, Rural, and Border Regional Center,” National Institute of Justice. Principal Investigators: Meagan Cahill, Jessica Saunders. Role: *Co-Investigator.*
- 11/16–09/17, “Workers with Criminal Records,” Office of the President, RAND. Principal Investigator: Priscillia Hunt. Role: *Co-Investigator.*
- 09/14–09/17, “Examining Consumer & Producer Responses to Restaurant Menu Labeling Requirements,” Department of Health and Human Services. Principal Investigator: Roland Sturm. Role: *Co-Investigator.*

08/16–04/17, “Independent Report on Prop 47 Impact on Los Angeles County Operations and Budget,” Los Angeles County Chief Executive Office. Principal Investigator: Sarah Hunter. *Role: Co-Investigator.*

09/14–08/16, “Effects of Growth in Medical Marijuana Markets on Adolescent Substance Use,” National Institute of Child Health and Human Development (5T32HD007545). Principal Investigator: Rosanna Smart. *Role: Principal Investigator.*

09/11–08/16, “Implementation of Medical Marijuana and its Impact on Health,” National Institute on Drug Abuse (R01DA032693-04). Principal Investigator: Rosalie Pacula. *Role: Co-Investigator.*

04/15–07/15, “Faster and Cheaper: How Ride Sourcing Fills a Gap in Low-Income Los Angeles Neighborhoods,” Uber Technologies, Inc. Project Manager: Brad Rowe. *Role: Quantitative Lead.*

INVITED BRIEFINGS, CONFERENCE, AND SEMINAR PRESENTATIONS (selected)

2020 APPAM Fall Research Conference, Virtual

2019 Southern Economics Association Annual Meeting, Ft. Lauderdale, FL
West Virginia Policy & Research Engagement Symposium, Roanoke, WV
American Society of Criminology Conference, San Francisco, CA
Addiction Health Services Research Conference, Park City, UT
American Society of Health Economists Conference, Washington, DC
International Society for the Study of Drug Policy Conference, Paris, France
American Psychiatric Association, San Francisco, CA
NIMBioS Mathematics of Gun Violence Investigative Workshop, Knoxville, TN
Causes, Correlates, and Solutions to Gun Violence, Hartford, CT

2018 APPAM Fall Research Conference, Washington, DC
Addiction Health Services Research Annual Conference, Savannah, GA
All-California Labor Economics Conference, USC, Los Angeles, CA
Assistant Secretary for Planning and Evaluation Webinar, Washington, DC
Drug Policy Research Center Brown Bag Seminar, RAND, Santa Monica, CA
SAMHSA/CSAT Division Briefing, Rockville, MD
Alameda County Board of Supervisor Public Protection Committee Briefing, Oakland, CA

2017 Engineering Honors Colloquium, USC, Los Angeles, CA
Cannabis Policy, Commerce, & Science Seminar, UCLA Extension, Los Angeles, CA

2016 Drug Policy in the United States Panel, Pomona College, Claremont, CA
Cannabis Science and Policy Summit, New York, NY

AWARDS AND HONORS

2015-2016 Dissertation Year Fellowship, UCLA

2012-2014 Chancellor’s Fellowship, UCLA

2013-2014 Graduate Research Mentorship Fellowship, UCLA

2008 Morris B. Pendleton Prize in Economics, Pomona College

2007 Leland M. Backstrand Economics Award, Pomona College

2007 Phi Beta Kappa, Pomona College

OTHER PROFESSIONAL ACTIVITIES

2017- Member, ASHEcon

2016- Member, Association for Public Policy and Management (APPAM)

2015-2016 Member, UC Criminal Justice and Health Consortium

Referee for: *Journal of Health Economics, Journal of Drug Policy Analysis, Drug and Alcohol Dependence, Social Science & Medicine, Policy Sciences, Pediatrics, International Journal of Drug Policy, JAMA Pediatrics, Substance Abuse, Substance Use and Misuse, Addiction, The American Journal of Drug & Alcohol Abuse, Medical Decision Making, Economic Inquiry, Journal of Criminal Law & Criminology, Journal of Addiction Medicine, Journal of Cannabis Research, Journal of General Internal Medicine, American Journal of Public Health, Preventive Medicine, Health Affairs, Economic Journal, Journal of Policy Analysis and Management, Journal of Human Resources, Journal of Law and Economics*