

# Greg Midgette

gem@umd.edu or midgette@rand.org

## Academic & Research Employment

---

University of Maryland Criminology & Criminal Justice

Associate Professor 8/2024 – Present

Assistant Professor 8/2018 – 7/2024

RAND

Manager, Justice Policy 12/2025 – Present

Senior Policy Researcher 1/2025 – Present

Adjunct Policy Researcher 8/2018 – 12/2024

Associate Policy Researcher 8/2014 – 7/2018

## Education

---

PhD in Public Policy, RAND School of Public Policy 2014

MPP, UCLA Luskin School of Public Affairs 2009

BS in Finance, University of Connecticut 2004

## Journal Articles (\* denotes graduate student author)

---

Midgette, G., & Johnson, B. (*conditionally accepted*). Simpson's Paradox and the durability of racial inequality in federal drug sentencing. *Criminology*.

Caulkins, J. P., Reuter, P., & Midgette, G. (2026). Revising federal drug sentencing guidelines to better match sanctions to harms. *Federal Sentencing Reporter*, 38(1), 193–204.

Midgette, G., & Carr\*, C. J. (2026). Waiting periods and the maturation of a policy evidence base. *JAMA Internal Medicine*, 186(7), 897–898.

Midgette, G., & Gore, M. L. (2026). How illegal wildlife trade adheres to and defies conventional market behavior. *Proceedings of the National Academy of Sciences*, 123(33).

Midgette, G., LaFree, G., Appleby\*, S., & Yang\*, M. (2026). Crime and law enforcement after fatal police encounters: Differential impacts of Freddie Gray's death across Baltimore neighborhoods. *Justice Quarterly*, 43(5), 1125–1148.

Carr\*, C., Reuter, P., & Midgette, G. (2025). Public health orientation of cannabis and alcohol regulators: An analysis of state-level variation in the United States. *International Journal of Drug Policy*, 146.

Caulkins, J. P., Midgette, G., & Reuter, P. (2025). Improving opioid use estimates through multiple data sources. *JAMA Health Forum*, 6(5).

Chandra, S., Liu\*, M., Bjarnadottir, M. V., & Midgette, G. (2025). A novel method for measuring the extent of cocaine flows across the US. *Justice Quarterly*, 42(7), 1518–1541.

Loughran, T. A., & Midgette, G. (2025). Illicit income and victimization risk: Evidence on compensating wage differentials. *Journal of Institutional and Theoretical Economics*, 181(1), 110–132.

Bjarnadottir, M. V., Chandra, S., He\*, P., & Midgette, G. (2024). Analyzing illegal psychostimulant trafficking networks using noisy and sparse data. *IJSE Transactions*, 56(3), 269–281.

- Kilmer, B., Midgette, G., & Nicosia, N. (2024). Combining frequent alcohol testing with swift-certain-fair sanctions: Summary of the peer-reviewed literature on 24/7 Sobriety and ideas for future research. *Federal Sentencing Reporter*, 36(4), 201–208.
- Midgette, G., & Reuter, P. (2024). Diverting 911 calls: Lessons from early adopting urban jurisdictions. *Criminology & Public Policy*, 23(3), 777–799.
- Midgette, G., Spreen, T. L., Porter, L. C., Reuter, P., & Hitchens, B. K. (2024). A model to assess the feasibility of 911 call diversion programs. *Justice Quarterly*, (5), 619–646.
- Nicosia, N., Kilmer, B., Midgette, G., & Booth, M. S. (2023). Association of an alcohol abstinence program with mortality in individuals arrested for driving while alcohol impaired. *JAMA Psychiatry*, 80(5), 520–522.
- Saunders, J., & Midgette, G. (2023). A test for implicit bias in discretionary criminal justice decisions. *Law and Human Behavior*, 47(1), 217–232.
- Midgette, G., Caulkins, J. P., & Reuter, P. (2021). Pathways to drug prevalence estimation: Synthesizing three comments on triangulation. *Addiction*, 116(10), 2615–2616 [Response article].
- Midgette, G., & Kilmer, B. (2021). Can novel “swift-certain-fair” programs work outside of pioneering jurisdictions? an analysis of 24/7 Sobriety in Montana, USA. *Addiction*, 116(12), 3381–3387.
- Midgette, G., Kilmer, B., Nicosia, N., & Heaton, P. (2021). A natural experiment to test the effect of sanction certainty and celerity on substance-impaired driving: North Dakota’s 24/7 Sobriety Program. *Journal of Quantitative Criminology*, 37(3), 647–670.
- Midgette, G., Loughran, T. A., & Tahamont, S. (2021). The impact of ambiguity-induced error in offender decision-making: Evidence from the field. *Journal of Research in Crime and Delinquency*, 58(6), 635–665.
- Nguyen, H., Midgette, G., Loughran, T., & Zhang\*, Y. (2021). Random drug testing in prisons: Does a little testing go a long way? *Criminology & Public Policy*, 20(2), 329–349.
- Reuter, P., Caulkins, J. P., & Midgette, G. (2021). Heroin use cannot be measured adequately with a general population survey. *Addiction*.
- Saunders, J., Midgette, G., Taylor, J., & Faraji\*, S.-L. (2021). A hidden cost of convenience: Disparate impacts of a program to reduce burden on probation officers and participants. *Criminology & Public Policy*, 20(1), 71–122.
- Kilmer, B., & Midgette, G. (2020). Criminal deterrence: Evidence from an individual-level analysis of 24/7 Sobriety. *Journal of Policy Analysis and Management*, 39(3), 801–834.
- Midgette, G., & Reuter, P. (2020). Has cannabis use among youth increased after changes in its legal status? a commentary on use of Monitoring the Future for analyses of changes in state cannabis laws. *Prevention Science*, 21(1), 137–145.
- Smart, R., Caulkins, J. P., Kilmer, B., Davenport\*, S., & Midgette, G. (2017). Response to commentaries: New data sources for understanding cannabis markets. *Addiction*, 112(12), 2180 [Response article].
- Smart, R., Caulkins, J. P., Kilmer, B., Davenport\*, S., & Midgette, G. (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.
- Caulkins, J. P., Kilmer, B., Reuter, P. H., & Midgette, G. (2015). Beyond prevalence: Importance of estimating drug consumption and expenditures. *Addiction*, 110(5) [Response article].

- Caulkins, J. P., Kilmer, B., Reuter, P. H., & Midgette, G. (2015). Cocaine’s fall and marijuana’s rise: Questions and insights based on new estimates of consumption and expenditures in US drug markets. *Addiction*, 110(5), 728–736.
- Caulkins, J. P., Everingham, S. S., Kilmer, B., & Midgette, G. (2013). The whole is just the sum of its parts: Limited polydrug use among the “big three” expensive drugs in the United States. *Current Drug Abuse Reviews*, 6(2), 91–97.
- Kilmer, B., Nicosia, N., Heaton, P., & Midgette, G. (2013). Efficacy of frequent monitoring with swift, certain, and modest sanctions for violations: Insights from South Dakota’s 24/7 Sobriety Project. *American Journal of Public Health*, 103(1), e37–e43.

## Refereed Books, Chapters, Monographs, Reports, & Invited Papers

---

- Kilmer, B., Midgette, G., Smart, R., & Caulkins, J. P. (2026). *The cannabis policy landscape in Indiana*. RAND.
- Kilmer, B., Midgette, G., Wadsworth, E., Caulkins, J. P., Hawkins, W., & Newell\*, A. (2026). *Options for regulating cannabis in Indiana*. RAND.
- Midgette, G., & Kilmer, B. (2026). *Have changes in illegal drug markets contributed to the post-2022 homicide decline?* Council on Criminal Justice.
- Midgette, G., & Reuter, P. (2026). *Exploring the sources of the decline in US drug overdoses*. Brookings.
- Midgette, G., Schell, T. L., & Morral, A. R. (2026). *Visualizing correlates of state firearm mortality*. RAND.
- Midgette, G., & Reuter, P. (2024). *The dynamics of US drug markets*. Brookings.
- Midgette, G., Spreen, T. L., & Reuter, P. (2024). *Improving Baltimore police relations with the city’s Black community, Vol. 2*. Abell Foundation.
- Midgette, G., Scocca\*, J., & Newell\*, A. (2023). *Criminal justice interventions against drug use and harms* (E. Verona & B. Fox, Eds.). Routledge.
- Kilmer, B., Davenport\*, S., Smart, R., Caulkins, J. P., & Midgette, G. (2019). *After the grand opening: Assessing cannabis supply and demand in Washington State*. RAND.
- Midgette, G., Davenport\*, S., Caulkins, J. P., & Kilmer, B. (2019). *What America’s users spend on illegal drugs, 2006-2016*. RAND.
- Kilmer, B., & Midgette, G. (2017). *Mixed messages: Is cocaine consumption in the US going up or down?* Brookings.
- Rabasa, A., Schnaubelt, C. M., Chalk, P., Farah, D., Midgette, G., & Shatz, H. J. (2017). *Counternetwork: Countering the expansion of transnational criminal networks*. RAND.
- Saunders, J. M., Cahill, M., Morral, A. R., Leuschner, K. J., Midgette, G., Hollywood, J. S., Matsuda, M., Wagner, L., & Taylor, J. (2016). *Identifying the needs and challenges of criminal justice agencies in small, rural, tribal, and border areas*. RAND.
- Caulkins, J. P., Kilmer, B., Kleiman, M. A., MacCoun, R. J., Midgette, G., Oglesby, P., Pacula, R. L., & Reuter, P. H. (2015). *Considering marijuana legalization: Insights for Vermont and other jurisdictions*. RAND.
- Caulkins, J. P., Kilmer, B., Kleiman, M. A., MacCoun, R. J., Midgette, G., Oglesby, P., & Reuter, P. H. (2015). *Options and issues regarding marijuana legalization*. RAND.
- Kilmer, B., Midgette, G., & Saloga\*, C. (2015). *Back in the national spotlight: An assessment of recent changes in drug use and drug policies in the United States*. Brookings.

- Kilmer, B., Everingham, S. S., Caulkins, J. P., Midgette, G., Pacula, R. L., Reuter, P., Burns, R. M., Han, B., & Lundberg, R. (2014). *What America's users spend on illegal drugs: 2000–2010*. U.S. Executive Office of the President Office of National Drug Control Policy.
- Kilmer, B., Caulkins, J. P., Midgette, G., Dahlkemper, L., MacCoun, R. J., & Pacula, R. L. (2013). *Before the grand opening: Measuring Washington State's marijuana market in the last year before legalized commercial sales*. RAND.
- Pernin, C. G., Midgette, G., See, B., Wu, E., & Martin, A. L. (2011). *Efficiencies from applying a rotational equipping strategy*. RAND.

## Works Under Review & In Progress

---

- Li\*, D., Johnson, B., & Midgette, G. *Protests and punishment: Examining sentencing shifts in the wake of high-profile police violence* [In preparation].
- Midgette, G. *Does the internet breed extremist violence? a natural experiment using U.S. broadband infrastructure expansion* [In preparation].
- Midgette, G. *Is aging out phasing out? decomposing the age-crime curve using a general population survey* [In preparation].
- Midgette, G. *A simple test of coefficient equality across groups when independence cannot be assumed* [In preparation].
- Midgette, G., Placzowski\*, M., & Carr\*, C. *Geographic disparities in violence outcomes: Emergency response systems as determinants of homicide* [In preparation].
- Midgette, G., & Smart, R. *Prosecutorial power as a driver of incarceration disparities: Evidence from a federal firearms sentencing reform* [In preparation].
- Midgette, G., Spreen, T. L., Porter, L. C., & Carr, C. J. *The cost of play: How Baltimore's recreation center closures impacted crime and property values* [In preparation].
- Porter, L., Sperry, T., Midgette, G., Carr, C., & Hitchens, B. *"These kids have nowhere to go": A sequential mixed methods examination of recreation center closures and crime in Baltimore City* [In preparation].
- Thomas, K., & Midgette, G. *Counting on a miracle: When is the negative binomial regression superior to Poisson, and when is it wrong?* [In preparation].

## Grants & External Funding (as principal or co-principal investigator)

---

- Arnold Ventures, Do youth recreation centers deter crime? Evidence from Baltimore, 2025-2026. Co-PI with Luke Spreen, UMD. \$133,353.
- Arnold Ventures, Improving the criminal justice program evidence base: A critical assessment of the Maryland Scientific Methods Scale (Planning Grant), 2024-2025. Co-PI with Sarah Tahamont, UMD. \$50,000.
- California Department of Cannabis Control Cannabis Academic Research Grant, Assessing the health of California's cannabis industry, 2024-2026. Co-PI with Beau Kilmer, RAND; Brittany Bass, UCLA. \$542,131 (Total award \$1,398,600).
- Arnold Ventures, A study to test the effects of eliminating drug testing of people without a serious substance use issue, 2024-2029. Co-PI with Sarah Tahamont, UMD. \$400,000 (Total award \$2,000,000).
- University of Maryland College of Behavioral and Social Sciences Dean's Research Initiative Grant, Harm Reduction Vending Machines: A novel implementation evaluation to address opioid

overdose, 2023-2025. Co-PI with Andrea Lopez, UMD. \$16,780.

Abell Foundation and Arnold Ventures, Improving Baltimore policing and community-police relations, 2024-2029. Co-PI with Peter Reuter, UMD. \$376,509.

National Science Foundation, Developing advanced analytics tools for discovery, analysis, and disruption of narcotic supply chains, 2020-2025. Co-PI with Raghu Raghavan and Margret Bjarnadottir, UMD; Siddharth Chandra, Michigan State. \$743,806.

Bureau of Justice Assistance, Greater Baybrook community-based group violence intervention, 2020-2024. Co-PI with Bianca Bersani, UMD. \$199,444.

Bureau of Justice Assistance, Evaluation of a swift, certain, and fair community corrections intervention among a high-risk group in Baltimore, 2020-2022. Co-PI with Lauren Porter, UMD. \$197,731.

Office of National Drug Control Policy, What America's users spend on illegal drugs, 2017-2019. Co-PI with Beau Kilmer, RAND. \$364,626.

National Institute of Justice, A multi-state evaluation of 24/7 Sobriety program implementation, 2015-2018. Principal Investigator. \$198,832.

National Institute of Justice, National Law Enforcement Corrections and Technology Center (NLECTC) Small, Rural, Tribal, and Border Regional Center, 2015-2018. Co-PI with Andrew Morral, Jessica Saunders, and Megean Cahill, RAND. \$1,996,464.

## Invited Talks and Panels

---

"New and novel drugs in the U.S." SYNDEC 10, Nunspeet, NL 2026.

"Life-saving care & gun homicide: Preliminary findings from a nationwide sample of emergency management responses." University of Connecticut ARMS (Advancing Research, Methods, and Scholarship in Gun Injury Prevention) Seminar. Online.

"A primer on causal inference for criminal justice policy analysis." Arnold Ventures Historically Black Colleges and Universities BRIDGE Event, Howard University, Washington, DC, 2024.

"Causal inference in criminal justice research." Racial Democracy Crime and Justice Network Summer Research Institute, University of Maryland, College Park, MD, 2024.

"Crimesolutions.gov – what works, what doesn't, what's promising?" Public seminar, National Academies of Sciences, Engineering, and Medicine Committee on Law and Justice, Washington, DC, 2023.

"A decision theoretic framework to inform responses to 9-1-1 calls" University of Maryland School of Public Policy, College Park, MD, 2022. "The chilling effect of police violence." Council of State Governments Justice Center, 2021.

"A natural experiment to test the effects of sanction certainty and celerity on substance-impaired driving." University of Pennsylvania Criminology Colloquium, Philadelphia, PA, 2019.

"Triangulation and simulation methods for drug use prevalence measurement." European Monitoring Centre for Drugs and Drug Addiction, Lisbon, PT, 2017. "Reinvesting in Justice: What comes next?" Center for Court Innovation, panelist, Dallas, TX, 2016.

"Ambiguities and uncertainties in the Regulation and Taxation Marijuana Act." Arizona State University Morrison Institute for Public Policy Citizens' Initiative Review. Phoenix, AZ, 2016.

"Early evidence on the effects of cannabis legalization." National Academies Committee on Law and Justice Semi-Annual Meeting, Washington, DC, 2014.

## Refereed Conference Presentations

---

“Association of 24/7 Sobriety Programs and Mortality in North and South Dakota” International Society for the Study of Drug Policy Conference, Manchester, UK, 2025.

“Did the Cole Memo Affect Racial Disparities in Federal Drug Sentencing?” Association of Public Policy Analysis and Management Conference, National Harbor, MD, 2024.

“Does access to medical care skew violent crime statistics? The impact of life-saving care on gun homicide” Stockholm Criminology Symposium, Stockholm, SE, 2024.

“Analyzing cocaine supply chains using noisy and sparse open-source data” International Society for the Study of Drug Policy Conference, Leuven, BE, 2023.

“A cost analysis of police services in Baltimore” Association of Public Policy Analysis and Management Conference, Austin, TX, 2021.

“Has Cannabis Use Among Youth Increased after Changes in Its Legal Status?” Association of Public Policy Analysis and Management Conference, Online, 2020.

“Local policy influence on recreational cannabis market activity” Association of Public Policy Analysis and Management Conference, Denver, CO, 2019.

“Has marijuana use among youth increased after changes in its legal status?” Stockholm Criminology Symposium, Stockholm, SE, 2019.

“Using certainty and celerity to deter crime: Insights from 24/7 Sobriety” Association of Public Policy Analysis and Management Conference, Washington, DC, 2018.

“Heroin use cannot be adequately measured using a general population survey” International Society for the Study of Drug Policy Conference, Vancouver, BC, 2018.

“Deterring crime: Insights from an individual-level analysis of 24/7 Sobriety” National Bureau of Economic Research Summer Institute (Crime/Labor joint session), Cambridge, MA, 2018.

“A microsimulation platform for assessing the impact of policy on U.S. alcohol consumption and its consequences” Research Society on Alcoholism, Denver, CO, 2017.

“Policy design considering the behavioral economics of drug driving” International Health Economics Association Conference, Boston, MA, 2017.

“The impact of coerced abstinence on intoxicated driving” Addiction Health Services Research Conference, Seattle, WA, 2016.

“Can Swift, Certain and Fair work in urban locales?” International Society for the Study of Drug Policy Conference, Sydney, AU, 2016.

“Marijuana legalization in Vermont: Assessing the policy landscape & some revenue implications” International Society for the Study of Drug Policy Cannabis Policy Summit, New York, NY, 2016.

“Assessing the effects of alcohol policies on consumption” Association of Public Policy Analysis and Management Conference, Washington, DC, 2016.

“If you fail, you go to jail: Sanction certainty and continuous alcohol monitoring effectiveness” Association of Public Policy Analysis and Management Conference, Baltimore, MD, 2012.

## Non-Refereed Conference Presentations

---

“How did harms of despair evolve since 2020? The co-occurrence of gun violence, suicidality, and overdose in national emergency management data” American Society of Criminology Conference, Washington, DC, 2025.

“What were the effects of the methamphetamine and opioid epidemics on mass incarceration?” American Society of Criminology Conference, San Francisco, CA, 2024.

“Police and civilian decision-making after a high-profile case of police violence” American Society of Criminology Conference, Philadelphia, PA, 2023.

“A decision theoretic framework to inform responses to 9-1-1 calls” American Society of Criminology Conference, Atlanta, GA, 2022.

“Bias in discretionary community supervision decision-making” European Society of Criminology Annual Meeting, Malaga, ES, 2022.

“‘Testing dirty’: An experimental evaluation of mandatory drug testing in prisons” Western Society of Criminology Annual Meeting, Phoenix, AZ, 2020.

“The Effects of State and Local Cannabis Policy Design on Local and Neighboring Legal and Illicit Markets” American Society of Criminology Conference, New Orleans, LA, 2016.

“Estimates of the impact of increased cannabis availability on alcohol consumption and related outcomes” American Society of Criminology Conference, San Francisco, CA, 2014.

“A survival analysis of offenders sentenced to continuous alcohol monitoring with SCRAM” American Society of Criminology Conference, Chicago, IL, 2012.

## Teaching Experience

---

University of Maryland

CCJS200, Introduction to Statistics in Criminology and Criminal Justice (undergraduate)

CCJS352, Drugs and Crime (undergraduate)

CCJS604, Policy Analysis Project (graduate)

CCJS611, Statistical Tools for Criminal Justice (graduate)

CCJS621, General Linear Models (graduate)

CCJS650, Research Practicum (graduate)

CCJS720, Policy Analysis for Crime Control (graduate)

USC Price School of Public Policy

PPD542, Policy and Program Evaluation (graduate)

UCLA Luskin School of Public Affairs

PP10A, Introduction to Public Policy (undergraduate)

PP210, Methods of Policy Analysis (graduate)

## Service

---

Editorial Board, *Criminology & Public Policy* 2025 – Present

Editorial Board, *Criminology* 2024 – Present

University of Maryland Senate 2020 – 2022

Associate Editor, *Journal of Cannabis Research* 2018 – 2020

Ad hoc reviewer for: *Addiction, Alcoholism: Clinical and Experimental Research, American*

*Journal of Criminal Justice, American Journal of Preventive Medicine, Applied Economic Letters, Crime and Delinquency, Criminal Justice Review, Criminology, Criminology and Public Policy, Drug and Alcohol Dependence, Economic Letters, International Journal of Drug Policy, Journal of Canadian Studies, Journal of Drug Issues, Journal of Drug Policy Analysis, Journal of Experimental Criminology, Journal of Policy Analysis and Management, Journal of Public Economics, Journal of Quantitative Criminology, Journal of Research in Crime and Delinquency, Journal Studies of Alcohol and Drugs, JAMA Psychiatry, JAMA Health Forum, JAMA Internal Medicine, Justice Evaluation Journal, Justice Quarterly, Nature, Nature Human Behavior, Policy Studies, Proceedings of the National Academy of Sciences, Psychiatric Services, Regulation and Governance, Review of Economics and Statistics, Theoretical Criminology*