Joseph Friedman, MD, PhD, MPH

jofriedman@health.ucsd.edu | @JosephRFriedman | linktr.ee/JosephRFriedman

Summary

I am a resident physician in the research track in the Department of Psychiatry at the University of California, San Diego (UCSD). I completed an MD and a PhD in Social Medicine at the University of California, Los Angeles (UCLA), a Master of Public Health in Global Health Metrics at the University of Washington, and a three-year global health data science fellowship at the Institute for Health Metrics and Evaluation. My research combines epidemiological and social science approaches to study substance use, drug overdose, health equity, border health, and psychiatric conditions. My clinical interests include psychotic conditions and substance use disorders, especially those involving fentanyl, methamphetamine, and novel synthetic substances. I have a particular interest in the US-Mexico border region, where I spent several years living and working in Tijuana, and I am fluent in written and spoken Spanish, including in academic and medical settings. My first-author peer-reviewed articles have been published in journals including the *New England Journal of Medicine*, *JAMA*, *Nature*, *The Lancet*, *JAMA Psychiatry*, *the American Journal of Psychiatry*, and *Addiction*, and my popular press writing has appeared in the Los Angeles Times, The San Diego Union-Tribune, TIME, and The Nation. At UCSD, I am the principal investigator of several studies, including "'Chill Packs': Evaluating Self-Administered Olanzapine as a Psychiatric Harm Reduction Intervention to Prevent Methamphetamine-Induced Psychosis" and "Drug Checking San Diego: Public Health Surveillance via Community-Based Drug Checking in San Diego." I have authored nearly 100 peer-reviewed articles and have an h-index of 47 according to Google Scholar.

Training

2024-28	Residency	Psychiatry – Research Track	University of California, San Diego (UCSD)
2017-24	MD	Doctor of Medicine	University of California, Los Angeles (UCLA)
2019-22	PhD	Social Medicine – Medical Informatics	University of California, Los Angeles (UCLA)
2014-17	MPH	Global Health – Metrics and Evaluation	University of Washington (UW)
2010-14	B.A.	Anthropology Major, Spanish Minor, Pre-Med	University of Vermont (UVM)

Grants and Funding

2025-2029	National Institute on Drug Abuse U01DA063078 (Role: Co-I, PI Strathdee; Skaathun)	*A binational cohort of the intersection between substance use, HIV, and associated comorbidities among people who inject drugs in San Diego, CA*
2025-2026	UCSD Community Psychiatry Research Center Pilot Grant (Role: PI) [$50,000]	*'Chill Packs': Evaluating Self-Administered Olanzapine as a Psychiatric Harm Reduction Intervention to Prevent Methamphetamine-Induced Psychosis.*
2017-2019	San Diego Center for AIDS Research (SD CFAR). International Pilot Grant. (Role: Co-I, PI: Beletsky) [$39,000]	*Assessing Fentanyl and HIV Among People who Inject Drugs in Tijuana, Mexico.*
2019	Infectious Diseases Society of America (IDSA). Grant for Emerging Researchers/Clinicians (Role: PI) [$5,000]	*Employing Fentanyl Test Strips in Community Harm Reduction Settings in Tijuana, Mexico.*

Honors and Awards

2026	2026 AAAP Top Trainee Poster Award, 3rd Place	American Academy of Addiction Psychiatry
2026	2026 AAAP Early Career Research Travel Award	American Academy of Addiction Psychiatry
2025	2025 CPDD Travel Award for Early Career Investigators	College on Problems of Drug Dependence
2025	ASAM Abstract Submission Award - Resident	American Society of Addiction Medicine
2025	Ruth Fox 2025 Scholar	American Society of Addiction Medicine

2024	Edith and Carl Lasky Memorial Award for Research Achievement	UCLA
2019	Grant for Emerging Researchers/Clinicians	Infectious Diseases Society of America (IDSA)
2017	David Geffen Medical Scholarship	UCLA
2014-17	Post-Bachelor Fellowship	IHME
2014	Fulbright-García Robles Graduate Study Award (Declined)	Fulbright–COMEXUS
2014	George Henry Perkins Award for the Outstanding Senior	UVM Anthropology
2014	Summa Cum Laude	UVM
2014	Phi Beta Kappa	UVM
2010	UVM Presidential Scholarship	UVM

Academic and Work Experience

2026-present	Grant reviewer, Health Research Board (Ireland)
2022-present	Member, Global Burden of Disease Collaborator Network
2023-24	Member, UCLA Medical Scientist Training Program Student Council
2021-24	Member, WHO Technical Advisory Group on Estimation of Excess Mortality
2020-23	Co-Creator: covidcompare.io COVID forecasting comparison platform
2019-present	Peer reviewer for 30+ academic journals including for JAMA (Top Reviewer 2024), JAMA Psychiatry, Lancet Public Health, BMJ, Bulletin of the World Health Organization, Addiction, Drug and Alcohol Dependence, International Journal of Drug Policy, Annals of Internal Medicine, Annals of Epidemiology, Annals of Emergency Medicine, BMC Medicine, Pediatrics.
2018-22	Researcher, Institute for Health Metrics and Evaluation, University of Washington
2018-19	Advisor, Los Angeles Global Health Conference, UCLA
2018-19	Coordinator, Global Health Interest Group, UCLA
2018-19	Coordinator, Wilderness Medicine Interest Group, UCLA
2017-18	Co-Director, Los Angeles Global Health Conference, UCLA
2014-17	Post-Bachelor Fellow, Institute for Health Metrics and Evaluation, UW
2016-17	Co-Instructor, UCONJ 624: Community Organizing + Health Equity, UW
2012-14	Peer Mentor, Pre-Health Career Services, UVM
2012-14	Backpacking Instructor, UVM TREK and Outing Club, UVM
2013	Intern, Vermont Chief Medical Examiner's Office, UVM
2013	Researcher, NSF in Social Science and Engineering, Costa Rica, USF
2012	Student Researcher, NSF-REU in Bioarcheology, University of Notre Dame

Peer-Reviewed Publications

Google Scholar: H Index: 47; First Author Publications: 47; Total Publications: 98.

*Co-first author, ᵅSenior/Corresponding Author

2026 Koncsol AJ, Molina CA, Romero R…**Friedman JR**, Shover CL. Crystal Clear: Purity of consumer-level methamphetamine samples and methamphetamine-adulteration of other drugs in Los Angeles, 2023-2025. Drug and Alcohol Dependence Reports. 2026;100482. doi:10.1016/j.dadr.2026.100482

2026 **Friedman, J. R.,** Koncsol, A. J., Molina, C. A., Romero, R., Feng, J., Poimboeuf, M., Godvin, M. E., Puri, S., Marienfeld, C., & Shover, C. L. (2026). What Dose of Methamphetamine Do Regular Consumers Use Daily? Estimating Oral Amphetamine Milligram Equivalents. Journal of Addiction Medicine. https://doi.org/10.1097/ADM.0000000000001757

2026 **Friedman J,** Pacheco L, Calderón-Villarreal A. Epidemiological invisibilisation: a man overdoses in Tijuana. The Lancet. 2026;408(10549):20-21. doi:10.1016/S0140-6736(26)01298-5

2026 Goldshear JL, Harvey-Vera A, Rangel G…**Friedman, JR**…Borquez, A. Methadone treatment and associated health and social outcomes after a national manufacturing closure in Mexico: a longitudinal observational cohort study in Tijuana. The Lancet Regional Health - Americas. 2026;62:101577. doi:10.1016/j.lana.2026.101577

2026 **Friedman JR,** Palamar JJ, Ciccarone D, et al. Charting the decline of the fourth wave: US overdose deaths by race, ethnicity and substance involvement. Addiction. add.70472. doi:10.1111/add.70472

2026 Godvin M*, **Friedman JR*,** Molina CA, et al. Estimating the daily milligrams of morphine equivalent of illicit fentanyl use in Los Angeles: Clinical and epidemiological implications. Drug and Alcohol Dependence. 2026;285:113224. doi:10.1016/j.drugalcdep.2026.113224

2026 Ruedisueli I, Marienfeld C, Tiefenthaler C…**Friedman, JR**[α]. "Chill packs" self-administered olanzapine as psychiatric harm reduction for methamphetamine-induced psychosis: a narrative review of the existing evidence base. Harm Reduct J. 2026;23(1):103. doi:10.1186/s12954-026-01475-1

2026 **Friedman JR**, Palamar JJ, Ciccarone D, et al. US overdose mortality saw first drop below the Jalal-Burke exponential growth curve in 2024. International Journal of Drug Policy. 2026;153:105320. doi:10.1016/j.drugpo.2026.105320

2026 Yang KH, Satybaldiyeva N, Kepner W**, Friedman J**, Ping S, Leas EC. Prevalence and Reasons for Microdosing Cannabis, Psilocybin, LSD, and MDMA Among US Adults. American Journal of Preventive Medicine. Published online May 4, 2026:108381. doi:10.1016/j.amepre.2026.108381

2026 Bhatt KV, **Friedman JR**, Benster L, et al. Clinical Characteristics of Emergency Visits Related to Recreational Psychedelic Use. Community Ment Health J. Published online April 1, 2026. doi:10.1007/s10597-026-01620-x

2026 Calderón-Villarreal A, Gonzalez-Garcia RA, Badillo A…**Friedman, JR**. Health risks and cross-border environmental exposure: A binational study of the San Diego-Tijuana-Rosarito Pacific Ocean coastline. Environmental Challenges. 2026;23:101480. doi:10.1016/j.envc.2026.101480

2026 **Friedman JR**, Romero R, Funnell A, Goodman-Meza D, Shover CL. What does "polysubstance" really mean? Comparing drug-involved deaths in CDC records vs. detailed medical examiner data from Los Angeles. International Journal of Drug Policy. 2026;148:105129. doi:10.1016/j.drugpo.2025.105129

2026 Molina CA, **Friedman JR**, Koncsol AJ, et al. Assessing the real-world performance of xylazine test strips for community-based drug checking in Los Angeles. Harm Reduct J. 2026;23(1):53. doi:10.1186/s12954-026-01396-z

2025 **Friedman JR**, Molina CA, Romero R, et al. Quetiapine: A Novel Additive to the Illicit Heroin Supply in Los Angeles. Journal of Addiction Medicine. Published online 9900. https://journals.lww.com/journaladdictionmedicine/fulltext/9900/quetiapine__a_novel_additive_to_the_illicit_heroin.548.aspx

2025 Yang KH, Satybaldiyeva N, Kepner W, **Friedman JR,** Leas EC. Internet Searches for Lorazepam Following the Release of The White Lotus. JAMA Health Forum. 2025;6(11):e254931. doi:10.1001/jamahealthforum.2025.4931

2025 Shover CL, Koncsol AJ, Godvin ME….**Friedman, JR.** High variation in purity of consumer-level illicit fentanyl samples in Los Angeles, September 2023–April 2025. International Journal of Drug Policy. 2025;145:104977. doi:10.1016/j.drugpo.2025.104977

2025 Cano M, Zhu DT, **Friedman JR.** Extreme vulnerability to overdose mortality: Intersections of detailed race/ethnicity, educational attainment, age, sex, and nativity. Drug and Alcohol Dependence. 2025;277:112945. doi:10.1016/j.drugalcdep.2025.112945

2025 Martin NK, Abramovitz D, Eger WH, **Friedman JR** et al. Modeling the impact of changing drug markets and structural determinants on HCV and/or HIV transmission among people who inject drugs in the United States: A rural and urban comparison. International Journal of Drug Policy. 2025;143:104925. doi:10.1016/j.drugpo.2025.104925

2025 **Friedman JR,** Molina CA, Koncsol AJ, et al. Xylazine prevalence and concentration in the Los Angeles fentanyl market, 2023–2025. Drug and Alcohol Dependence Reports. 2025;16:100364. doi:10.1016/j.dadr.2025.100364

2025 **Friedman JR.** Assessing an ICD-10 Code Approach for Estimating Xylazine-Involved Overdose Deaths in the United States. Drug and Alcohol Dependence. Published online July 2025:112781. doi:10.1016/j.drugalcdep.2025.112781. PMID: 40660642.

2025 Buchholz C, **Friedman JR**, Williams AR, Lim JK, Glass M, Hadland SE. Polysubstance-Involved Opioid Overdose Deaths Among US Youths: 2020 to 2023. PMID: 40602787

2025 Zhu DT, **Friedman J**, Tamang S, Gone JP. Drug overdose mortality rates among non-Hispanic American Indian/Alaska Native individuals, 1999–2022. *Annals of Epidemiology*. 2025;105:80-88. doi:10.1016/j.annepidem.2025.04.003. PMID: 40220940.

2025 **Friedman JR**, González Montoya A, Ruiz C, et al. The Detection of Xylazine in Tijuana, Mexico: Triangulating Drug Checking and Clinical Urine Testing Data. Journal of Addiction Medicine. Published online November 8, 2024:10.1097/ADM.0000000000001474. doi:10.1097/ADM.0000000000001474. PMID: 40111272.

2025 Knaul FM, Arreola-Ornelas H, Kwete XJ…**Friedman JR** et al. The evolution of serious health-related suffering from 1990 to 2021: an update to The Lancet Commission on global access to palliative care and pain relief. *The Lancet Global Health*. 2025;13(3):e422-e436. doi:10.1016/S2214-109X(24)00476-5. PMID: 40021301.

2025 Avra T, Nelson A, **Friedman JR**, et al. Substance Use Disorder and Harm Reduction Curriculum in United States and Canadian Undergraduate Medical Education: An Online Survey. Substance Use & Addiction Journal. Published online February 6, 2025:29767342251313595. doi:10.1177/29767342251313595. PMID: 39912420

2025 Shover CL, Godvin ME, Appley M…**Friedman JR,** et al. UV Stabilizer BTMPS in the Illicit Fentanyl Supply in 9 US Locations. *JAMA*. Published online February 5, 2025:e2427550. doi:10.1001/jama.2024.27550. PMID: 39908044

2025 Bufanda LP, Montoya AG, Carrillo BT …**Friedman, JR** Managing xylazine-involved overdoses in a community harm reduction setting: lessons from Tijuana, Mexico. *Harm Reduct J*. 2025;22(1):2. doi:10.1186/s12954-024-01143-2. PMID: 39755636

2025 **Friedman JR,** Ciccarone D. The public health risks of counterfeit pills. The Lancet Public Health. 2025;10(1):e58-e62. doi:10.1016/S2468-2667(24)00273-1. PMID: 39755415

2024 **Friedman JR.** Tracking Drug Overdose in Latin America: The Epidemiological Potential of Prehospital and Emergency Department Data. Am J Public Health. 2024;114(11):1153-1155. doi:10.2105/AJPH.2024.307862. PMID: 39357006.

2024 **Friedman JR**, Abramovitz D, Skaathun B, et al. Illicit Fentanyl Use and Hepatitis C Virus Seroconversion Among People Who Inject Drugs in Tijuana and San Diego: Results From a Binational Cohort Study. Clin Infect Dis. Published online July 30, 2024:ciae372. doi:10.1093/cid/ciae372. PMC11478577.

2024 Wright K, Hamilton K, **Friedman J**. Novel metrics to measure gender bias in operating room scheduling priority. *Am J Obstet Gynecol*. 2024;230(6):e117-e120. doi:10.1016/j.ajog.2024.01.025

2024 Eger WH, Abramovitz D, Bazzi AR...**Friedman, J**, Strathdee, S. Changes in injecting versus smoking heroin, fentanyl, and methamphetamine among people who inject drugs in San Diego, California, 2020–2023. Drug and Alcohol Dependence. 2024;259:111318. doi:10.1016/j.drugalcdep.2024.111318

2024 Shover CL, **Friedman J,** Romero R, et al. Leveraging pooled medical examiner records to surveil complex and emerging patterns of polysubstance use in the United States. International Journal of Drug Policy. Published online May 9, 2024:104397. doi:10.1016/j.drugpo.2024.104397

2024 **Friedman J**, Nguemeni Tiako MJ, Hansen H. Understanding and Addressing Widening Racial Inequalities in Drug Overdose. AJP. 2024;181(5):381-390. doi:10.1176/appi.ajp.20230917

2024 Kwete XJ, Bhadelia A, Arreola-Ornelas H, et al. Global Assessment of Palliative Care Need: Serious Health-Related Suffering Measurement Methodology. Journal of Pain and Symptom Management. Published online April 16, 2024. doi:10.1016/j.jpainsymman.2024.03.027

2024 **Friedman J,** Hansen H. Trends in Deaths of Despair by Race and Ethnicity From 1999 to 2022. JAMA Psychiatry. Published online April 10, 2024. doi:10.1001/jamapsychiatry.2024.0303

2024 **Friedman J.** Commentary on Copeland et al.: Does xylazine in the United Kingdom foreshadow a European synthetic polysubstance drug crisis? Addiction. n/a(n/a). doi:10.1111/add.16498

2024 Naghavi M, Ong KL, Aali A, et al. Global burden of 288 causes of death and life expectancy decomposition in 204 countries and territories and 811 subnational locations, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021. The Lancet. 2024;0(0). doi:10.1016/S0140-6736(24)00367-2

2024 Schumacher AE, Kyu HH, Aali A, et al. Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950–2021, and the impact of the COVID-19 pandemic: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. The Lancet. 2024;0(0). doi:10.1016/S0140-6736(24)00476-8

2024 **Friedman J.** Looking Back on COVID-19 and the Evolving Drug Overdose Crisis: Updated Trends Through 2022. Am J Public Health. 2024;114(3):280-283. doi:10.2105/AJPH.2023.307559

2024 Avra T, Cowan A, **Friedman J,** et al. Decreasing Stigma Toward People Who Inject Drugs: Harm Reduction Training for First-Year Medical Students. Academic Medicine. Published online October 16, 2023:10.1097/ACM.0000000000005675. doi:10.1097/ACM.0000000000005675

2024 Balaj M, Henson CA, Aronsson A… **Friedman J,** et al. Effects of education on adult mortality: a global systematic review and meta-analysis. The Lancet Public Health. 2024;9(3):e155-e165. doi:10.1016/S2468-2667(23)00306-7

2024 **Friedman J,** Hadland SE. The Overdose Crisis among U.S. Adolescents. N Engl J Med. 2024;390(2):97-100. doi:10.1056/NEJMp2312084

2023 **Friedman J**, Shover CL. Charting the fourth wave: Geographic, temporal, race/ethnicity and demographic trends in polysubstance fentanyl overdose deaths in the United States, 2010–2021. Addiction. n/a(n/a). doi:10.1111/add.16318

2023 Freese TE, Rutkowski BA, Peck JA, Urada D, Clark WC, Bland, NB, **Friedman J**, Rawson, RA. Recovery incentives program: California's contingency management benefit. Preventive Medicine. Published online September 16, 2023:107703. doi:10.1016/j.ypmed.2023.107703

2023 Shover CL, **Friedman J**, Romero R, et al. Longitudinal changes in co-involved drugs, comorbidities, and demographics of methamphetamine-related deaths in Los Angeles County. Journal of Substance Use and Addiction Treatment. 2023;151:209101. doi:10.1016/j.josat.2023.209101

2023 Zhu DT, **Friedman J**, Bourgois P, Montero F, Tamang S. The emerging fentanyl–xylazine syndemic in the USA: challenges and future directions. The Lancet. 2023;0(0). doi:10.1016/S0140-6736(23)01686-0

2023 Sud A, Chiu K, **Friedman J**, Dupouy J. Buprenorphine deregulation as an opioid crisis policy response - A comparative analysis between France and the United States. International Journal of Drug Policy. 2023;120:104161. doi:10.1016/j.drugpo.2023.104161

2023 **Friedman J**, Godvin M, Molina C, et al. Fentanyl, heroin, and methamphetamine-based counterfeit pills sold at tourist-oriented pharmacies in Mexico: An ethnographic and drug checking study. Drug and Alcohol Dependence. 2023;249:110819. doi:10.1016/j.drugalcdep.2023.110819

2023 Textor L, **Friedman J**, Bourgois P, et al. Rethinking urban-rural designations in public health surveillance of the overdose crisis and crafting an agenda for future monitoring. International Journal of Drug Policy. 2023;118:104072. doi:10.1016/j.drugpo.2023.104072

2023 Calderón-Villarreal A, Carrasco BIV, **Friedman J**, Schiavon R. Accompaniment on the edge: What can the US learn from Latin America about contested abortion care? PLOS Global Public Health. 2023;3(5):e0001922. doi:10.1371/journal.pgph.0001922

2023 Romero R, **Friedman JR**, Goodman-Meza D, Shover CL. US drug overdose mortality rose faster among hispanics than non-hispanics from 2010 to 2021. Drug and Alcohol Dependence. 2023;246:109859. doi:10.1016/j.drugalcdep.2023.109859

2023 Avra T, Cowan A, Fukushima J, **Friedman J**. Medical Student-Led Initiative to Incorporate Harm Reduction into Medical School Curriculum. Acad Psychiatry. Published online March 23, 2023. doi:10.1007/s40596-023-01768-8

2023 **Friedman J**, Hansen H, Gone JP. Deaths of despair and Indigenous data genocide. The Lancet. 2023;0(0). doi:10.1016/S0140-6736(22)02404-7

2023 Aronowitz SV, Carroll JJ, Hansen H, et al. Substance use policy and practice in the COVID-19 pandemic: Learning from early pandemic responses through internationally comparative field data. Global Public Health. 2023;0(0):1-16. doi:10.1080/17441692.2022.2129720

2023 **Friedman J**. Commentary on Lim et al.: Mortality database linkages—A critical methodology to understand the structural drivers of the overdose crisis. Addiction. n/a(n/a). doi:10.1111/add.16117

2022 Montero F, Bourgois P, **Friedman J**. Potency-Enhancing Synthetics in the Drug Overdose Epidemic: Xylazine ("Tranq"), Fentanyl, Methamphetamine, and the Displacement of Heroin in Philadelphia and Tijuana. Journal of Illicit Economies and Development. 2022;4(2):204-222. doi:10.31389/jied.122

2022 Bailey K, Abramovitz D, Patterson TL, et al. Correlates of recent overdose among people who inject drugs in the San Diego/Tijuana border region. Drug and Alcohol Dependence. 2022;240:109644. doi:10.1016/j.drugalcdep.2022.109644

2022 **Friedman J**, Balaj M, Islam N, et al. Inequalities in COVID-19 mortality: defining a global research agenda. Bull World Health Organ. 2022;100(10):648-650. doi:10.2471/BLT.22.288211

2022 **Friedman J**, Hansen H. Sex and Drug Overdose Mortality Trends, 1999-2020—Reply. JAMA Psychiatry. 2022;79(8):834. doi:10.1001/jamapsychiatry.2022.1685

2022 Calderón-Villarreal A, Terry B, **Friedman J,** et al. Deported, homeless, and into the canal: Environmental structural violence in the binational Tijuana River. Social Science & Medicine. 2022;305:115044. doi:10.1016/j.socscimed.2022.115044

2022 **Friedman J**, Calderón-Villarreal A, Adame RC, et al. An Ethnographic Assessment of COVID-19–Related Changes to the Risk Environment for People Who Use Drugs in Tijuana, Mexico. Am J Public Health. 2022;112(S2):S199-S205. doi:10.2105/AJPH.2022.306796

2022 **Friedman J**, Godvin M, Shover CL, Gone JP, Hansen H, Schriger DL. Trends in Drug Overdose Deaths Among US Adolescents, January 2010 to June 2021. JAMA. 2022;327(14):1398. doi:10.1001/jama.2022.2847

2022 **Friedman J**, Bourgois P, Godvin M, et al. The introduction of fentanyl on the US–Mexico border: An ethnographic account triangulated with drug checking data from Tijuana. International Journal of Drug Policy. 2022;104:103678. doi:10.1016/j.drugpo.2022.103678

2022 **Friedman J**, Montero F, Bourgois P, et al. Xylazine spreads across the US: A growing component of the increasingly synthetic and polysubstance overdose crisis. Drug and Alcohol Dependence. 2022;233:109380. doi:10.1016/j.drugalcdep.2022.109380

2022 Flor LS***, Friedman JR****, Spencer CN, et al. Quantifying the effects of the COVID-19 pandemic on gender equality on health, social, and economic indicators: a comprehensive review of data from March, 2020, to September, 2021. The Lancet. Published online March 2, 2022. doi:10.1016/S0140-6736(22)00008-3

2022 **Friedman J**, Hansen H. Evaluation of Increases in Drug Overdose Mortality Rates in the US by Race and Ethnicity Before and During the COVID-19 Pandemic. JAMA Psychiatry. Published online March 2, 2022. doi:10.1001/jamapsychiatry.2022.0004

2022 Rydland HT, **Friedman J,** Stringhini S, Link BG, Eikemo TA. The radically unequal distribution of Covid-19 vaccinations: a predictable yet avoidable symptom of the fundamental causes of inequality. Humanit Soc Sci Commun. 2022;9(1):1-6. doi:10.1057/s41599-022-01073-z

2022 **Friedman J**, Gjersing L. Increases in drug overdose deaths in Norway and the United States during the COVID-19 pandemic. Scand J Public Health. Published online February 4, 2022:14034948221075024. doi:10.1177/14034948221075025

2022 **Friedman J,** Hansen H. Far From a "White Problem": Responding to the Overdose Crisis as a Racial Justice Issue. Am J Public Health. 2022;112(S1):S30-S32. doi:10.2105/AJPH.2021.306698

2022 **Friedman J,** Beletsky L, Jordan A. Surging Racial Disparities in the U.S. Overdose Crisis. AJP. 2022;179(2):166-169. doi:10.1176/appi.ajp.2021.21040381

2021 **Friedman J**, Hansen H, Bluthenthal RN, Harawa N, Jordan A, Beletsky L. Growing racial/ethnic disparities in overdose mortality before and during the COVID-19 pandemic in California. Preventive Medicine. 2021;153:106845.

2021 **Friedman J**, Calderon-Villarreal A, Heggebø K, Balaj M, Bambra C, Eikemo TA. COVID-19 and the Nordic Paradox: a call to measure the inequality reducing benefits of welfare systems in the wake of the pandemic. Social Science & Medicine. 2021;289:114455.

2021 Akre S, Liu PY**, Friedman JR**, Bui AA. International COVID-19 mortality forecast visualization: covidcompare.io. JAMIA Open. 2021;4(4):ooab113.

2021 Balaj M, York HW, Sripada K, et al. Parental education and inequalities in child mortality: a global systematic review and meta-analysis. The Lancet. 2021;398(10300):608-620. doi:10.1016/S0140-6736(21)00534-1

2021 **Friedman J,** Mann NC, Hansen H, et al. Racial/Ethnic, Social, and Geographic Trends in Overdose-Associated Cardiac Arrests Observed by US Emergency Medical Services During the COVID-19 Pandemic. JAMA Psychiatry. Published online May 26, 2021. doi:10.1001/jamapsychiatry.2021.0967

2021 **Friedman J,** Akre S. COVID-19 and the Drug Overdose Crisis: Uncovering the Deadliest Months in the United States, January–July 2020. Am J Public Health. Published online April 15, 2021:e1-e8. doi:10.2105/AJPH.2021.306256

2021 **Friedman J,** Liu P, Troeger CE, et al. Predictive performance of international COVID-19 mortality forecasting models. Nat Commun. 2021;12(1):2609. doi:10.1038/s41467-021-22457-w

2021 **Friedman J**, York H, Mokdad AH, Gakidou E. U.S. Children "Learning Online" during COVID-19 without the Internet or a Computer: Visualizing the Gradient by Race/Ethnicity and Parental Educational Attainment. Socius. 2021;7:2378023121992607. doi:10.1177/2378023121992607

2021 Goodman-Meza D, **Friedman J**, Kalmin MM, et al. Geographical and socioeconomic disparities in opioid access in Mexico, 2015–19: a retrospective analysis of surveillance data. The Lancet Public Health. 2021;6(2):e88-e96. doi:10.1016/S2468-2667(20)30260-7

2020 **Friedman J,** Beletsky L, Schriger DL. Overdose-Related Cardiac Arrests Observed by Emergency Medical Services During the US COVID-19 Epidemic. JAMA Psychiatry. Published online December 3, 2020. doi:10.1001/jamapsychiatry.2020.4218

2020 **Friedman J**, Syvertsen JL, Bourgois P, Bui A, Beletsky L, Pollini R. Intersectional structural vulnerability to abusive policing among people who inject drugs: A mixed methods assessment in California's central valley. International Journal of Drug Policy. 2021;87:102981. doi:10.1016/j.drugpo.2020.102981

2020 **Friedman J**, Calderón-Villarreal A, Bojorquez I, Vera Hernández C, Schriger DL, Tovar Hirashima E. Excess Out-of-Hospital Mortality and Declining Oxygen Saturation: The Sentinel Role of Emergency Medical Services Data in the COVID-19 Crisis in Tijuana, Mexico. Annals of Emergency Medicine. 2020;76(4):413-426. doi:10.1016/j.annemergmed.2020.07.035

2020 Schneberk T, Raffetto B, **Friedman J**, Wilson A, Kim D, Schriger DL. Opioid prescription patterns among patients who doctor shop; Implications for providers. Suppiah V, ed. PLoS ONE. 2020;15(5):e0232533. doi:10.1371/journal.pone.0232533

2020 **Friedman J,** York H, Graetz N, et al. Measuring and forecasting progress towards the education-related SDG targets. Nature. 2020;580(7805):636-639. doi:10.1038/s41586-020-2198-8

2019 **Friedman J,** Karandinos G, Hart LK, Castrillo FM, Graetz N, Bourgois P. Structural vulnerability to narcotics-driven firearm violence: An ethnographic and epidemiological study of Philadelphia's Puerto Rican inner-city. PLoS ONE. 2019;14(11):e0225376. doi:10.1371/journal.pone.0225376

2019 **Friedman J**, Gu F, Klausner JD. Pursuing Global Equity in Access to Cancer Drugs: Lessons Learned From the HIV Epidemic. JAMA Oncol. September 2019. doi:10.1001/jamaoncol.2019.3811

2019 **Friedman J**, Kim D, Schneberk T, Bourgois P, Shin M, Celious A, et al. Assessment of Racial/Ethnic and Income Disparities in the Prescription of Opioids and Other Controlled Medications in California. *JAMA Internal Medicine*. 2019.

2019 **Friedman J**, Saavedra-Avendaño B, Schiavon R, Alexander L, Sanhueza P, Rios-Polanco R, et al. Quantifying disparities in access to public-sector abortion based on legislative differences within the Mexico City Metropolitan Area. *Contraception*. 2018.

2018 **Friedman J**, Graetz N, Gakidou E. Improving the estimation of educational attainment: New methods for assessing average years of schooling from binned data. *PLOS ONE*. 2018;13:

2018 Graetz N, **Friedman J**, Osgood-Zimmerman A, Burstein R, Biehl MH, Shields C, et al. Mapping local variation in educational attainment across Africa. Nature. 2018;555: 48–53.

2018 Lim SS, Updike RL, Kaldjian AS, Barber RM, Cowling K, York H, **Friedman J,** et al. Measuring human capital: a systematic analysis of 195 countries and territories, 1990–2016. *The Lancet*. 2018.

2018 Foreman KJ, Marquez N, Dolgert A, Fukutaki K, Fullman N, McGaughey M, et al. Forecasting life expectancy, years of life lost, and all-cause and cause-specific mortality for 250 causes of death: reference and alternative scenarios for 2016–40 for 195 countries and territories. *The Lancet*. 2018.

2017 GBD 2016 Mortality Collaborators. Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970-2016: a systematic analysis for the Global Burden of Disease Study 2016. *The Lancet*. 2017;390: 1084–1150.

2017 Fullman N, Barber RM, Abajobir AA, Abate KH, Abbafati C, Abbas KM, et al. Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016. *The Lancet*. 2017;390: 1423–1459.

2016 GBD 2015 Child Mortality Collaborators. Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet. 2016;388: 1725–1774. doi:10.1016/S0140-6736(16)31575-6

2016 Wang H, Wolock TM, Carter A, Nguyen G, Kyu HH, Gakidou E, et al. Estimates of global, regional, and national incidence, prevalence, and mortality of HIV, 1980–2015: the Global Burden of Disease Study 2015. The Lancet HIV. 2016;3: e361–e387.

2016 GBD 2015 Maternal Mortality Collaborators. Global, regional, and national levels of maternal mortality, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet. 2016;388: 1775–1812.

2016 GBD 2015 Disease and Injury Incidence and Prevalence Collaborators. Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet. 2016;388: 1545–1602.

Popular Press Articles

2024 Opinion: Scary New Drugs Keep Reaching Streets. San Diego Union-Tribune. https://www.sandiegouniontribune.com/2024/08/20/opinion-scary-new-synthetic-drugs-keep-reaching-streets/

2024 Opinion: The real reason why Oregon recriminalizing drugs is a cautionary tale, Los Angeles Times. https://www.latimes.com/opinion/story/2024-05-13/oregon-portland-crime-drugs-measure-110

2023 Op-Ed: The 'deaths of despair' narrative focused on white men. Whom did it leave out? Los Angeles Times. https://www.latimes.com/opinion/story/2023-01-27/deaths-of-despair-native-americans-white-mortality

2022 Op-Ed: Finally, some promising news on opioids for patients in severe pain. Los Angeles Times. https://www.latimes.com/opinion/story/2022-12-23/overdose-opioids-access-pain-patients

2022 After Veto of CA Overdose Prevention Programs, It's Down to Us to Resist. Filter. https://filtermag.org/california-overdose-prevention-veto-resist/

2022 Synthetic Drugs Are Sending the Overdose Crisis Into Overdrive. The Nation. https://www.thenation.com/article/society/synthetic-drugs-fentanyl/

2022 Youth Overdose Crisis Swells Because Drug Warriors "Cried Wolf". Filter. https://filtermag.org/youth-overdose-crisis-education/

2022 Xylazine, a Dangerous Veterinary Tranquilizer, Is Showing Us the Future of the Overdose Crisis. TIME. https://time.com/6164652/xylazine-overdose-crisis/

2022 COVID-19 Led to Worse Social and Economic Consequences for Women. ThinkGlobalHealth. https://www.thinkglobalhealth.org/article/covid-19-led-worse-social-and-economic-consequences-women

2021 Op-Ed: Surging overdose deaths are a tragic racial justice issue. LA Times. https://www.latimes.com/opinion/story/2021-11-23/overdoses-u-s-black-white-native-americans

2021 Gender Equality in the Global Return to School. ThinkGlobalHealth. https://www.thinkglobalhealth.org/article/gender-equality-global-return-school

2021	Op-Ed: An overdose epidemic is raging alongside the coronavirus pandemic. LA Times. https://www.latimes.com/opinion/story/2021-01-05/overdose-epidemic-fentanyl-treatment-buprenorphine-methadone
2020	The Structural Roots of Gun Violence: Poverty, Racism, The War on Drugs - AFFIRM Research. https://affirmresearch.org/2020/04/02/the-structural-roots-of-gun-violence-poverty-racism-the-war-on-drugs/
2015	A Hand Up: Global Progress Toward Universal Education. Institute for Health Metrics and Evaluation. http://www.healthdata.org/policy-report/global-progress-toward-universal-education

Presentations

2027	Chill Packs: Evaluating Self-Administered Olanzapine to Prevent Repeat ED Visits for Methamphetamine-Induced Psychosis	Poster Presentation. American College of Neuropsychopharmacology (ACNP) Annual Meeting, San Diego, CA. January 2027.
2026	Cracking the Black Box of the Illicit Drug Supply: Clinically Relevant Insights from Drug Checking Data in San Diego	Poster Presentation. American Academy of Addiction Psychiatry Annual Meeting, Memphis, TN. November 2026. 3rd Place Top Trainee Poster.
2026	Nearcasting the Overdose Crisis: Key Insights from US Drug Dynamics	Paper Presentation. American Academy of Addiction Psychiatry Annual Meeting, Memphis, TN. November 2026.
2026	Engaging with the Media to Promote Academic Research	Invited guest speaker. UC San Diego Health Sciences Communications Media Relations Training for faculty, San Diego, CA. October 2026.
2026	Drug Checking San Diego: Site Overview	Invited presentation at National Institute of Standards and Technology Rapid Drug Analysis and Research (RaDAR) Program.
2026	Nearcasting the Overdose Crisis: Key Insights from US Drug Dynamics	Keynote Presentation. UCSD Department of Psychiatry Judd Symposium. June 2026.
2026	Blending Ethnography and Drug Checking to Track Rapid Shifts in the North American Overdose Crisis	Wenner-Gren 2026 Ethnography in Addiction Working Group Conference. May 2026.
2026	The Public Health Risks of Counterfeit Pills	Invited presentation for Partnership for a Drug-Free New Jersey. April 2026.
2025	Xylazine prevalence and concentration in the Los Angeles fentanyl market, 2023–2025	Oral Presentation. Association for Multidisciplinary Education and Research in Substance Use and Addiction. November 2025.
2025	Drug Checking Demystified: A Comprehensive Overview of the Chemical Analysis of Drugs Evaluation	Workshop Presentation. Association for Multidisciplinary Education and Research in Substance Use and Addiction. November 2025.
2025	Estimating the Effective Daily Dose Ingested Among Illicit Methamphetamine Consumers in Los Angeles	Poster Presentation. American Academy of Addiction Psychiatry. November 2025.
2025	Assessing an ICD-10 code approach for estimating xylazine-involved overdose deaths in the United States	Oral Presentation. American Academy of Addiction Psychiatry. November 2025.
2025	The Epidemiology of the Fourth Wave: Racial, Geographic, and Substance-Specific Trends in Polysubstance Deaths	Invited Symposium Presentation. College on Problems of Drug Dependence Annual Meeting. June 2025.
2025	Estimating the Effective Daily Dose Ingested Among Illicit Methamphetamine Consumers in Los Angeles.	Poster Presentation. College on Problems of Drug Dependence Annual Meeting. June 2025.
2025	Quetiapine, A Novel Additive to the Illicit Heroin Supply in Los Angeles.	Poster Presentation. American Society of Addiction Medicine Annual Meeting. April 2025.

2025	Understanding Drugs of Emerging Importance in the U.S. Overdose and Addiction Crises	Presentation to the HIV Prevention Trials Network Substance Use Scientific Committee
2024	Blending Ethnography and Epidemiology to Track Rapid Shifts in the North American Overdose Crisis	Invited presentation to the 2024 Substance Use Disorder Modeling Conference in Boston.
2024	Xylazine From Philly to Tijuana: Epidemiological Trends and Clinical Management	Invited lecture to Southern California Addiction Medicine Consortium.
2024	Preventing and Addressing Xylazine Use in a Behavioral Health or Clinical Setting	Invited Lecture to SAMHSA State Program. https://www.youtube.com/watch?v=UY0nQK9Bk_8
2024	Xylazine Spreads Across North America: Epidemiology and Clinical Implications	Invited lecture to Southern California Substance Addiction Research Training Retreat
2024	Whose Death Gets Counted? Whose Suffering? Ethical and Logistical Challenges in Global Health Surveillance and the Measurement of Inequalities	Invited Lecture to Global Health Course at UCLA for Dr. Kalofonos.
2023	Novel Synthetics, Polysubstance Use, Counterfeit Pills, and Social Inequalities: Rapid Shifts in the US Overdose Crisis	Invited lecture to UW Boise Department Grand Rounds Lecture Series
2023	"La Situación de las Adicciones en la Frontera y la Crisis del Fentanilo" (in Spanish)	Invited Presentation at the Baja California Association for Public Health, Tijuana, Mexico
2023	The Overdose Crisis in California: Key Trends	Invited presentation at California Senate Joint Hearing on Public Safety and Health
2023	The Fourth Wave of the US Overdose Crisis: Counterfeiting, Novel Synthetics, and Rising Racial/Ethnic Inequalities	Invited presentation to the UCLA Department of Internal Medicine Substance Abuse Research Training Program (SART)
2022	Xylazine Spreads Across the United States: primary care and epidemiology	Invited presentation to University of South Carolina Addiction Medicine Fellowship
2022	The Fourth Wave of the US Overdose Crisis	Invited Presentation at CDU Substance Abuse Research Training Program
2022	Xylazine Spreads Across the United States	Invited Presentation at National Coordinating Call for Veterans Affairs Pharmacists
2022	Far From a 'White Problem': Addressing the Surging Overdose Crisis as a Racial Justice Issue	Invited Presentation at the Opioid Use in Primary Care Conference 2022, in Toronto, Canada
2022	The Fourth Wave of the US Overdose Crisis: Rapid Shifts, Structural Drivers, and Systemic Inequalities in US Drug Policy	Invited Presentation to Harm Reduction Los Angeles. https://www.youtube.com/watch?v=vYCjB0i1d-4
2021	Structural Shifts or Business as Usual? An Ethnographic-Epidemiological Assessment of COVID-19-Related Changes to the Risk Environment for People who Inject Drugs in Tijuana, Mexico	Presentation at UCSD CFAR Conference. https://www.youtube.com/watch?v=5M9CXEPeXqk&t=7s
2021	Tracking rising racial/ethnic disparities in overdose mortality: Leveraging multiple data streams and now-casting for real-time disparities-oriented surveillance	Podium Presentation at APHA 2022. https://www.youtube.com/watch?v=WQj1uHV0lSo&t=12s
2021	Policing and public health: Conflicting responses to the overdose crisis in California's central valley	Podium Presentation at APHA 2022.
2021	EMS-observed out of hospital mortality: A bellwether for monitoring pandemics and other rapid epidemiological shifts	Podium Presentation at APHA 2022.
2021	*Sobredosis, Disparos, y Nuevas Drogas Sintéticas: Mercados Ilícitos de Drogas en Norte América*	Presentation at *Universidad Central de Venezuela.*

2021	COVID-19 and the Drug Overdose Crisis: Uncovering the Deadliest Months in the United States, January-July 2020	Presentation to Big Southwest Node CTN Journal Club.
2020	*"Mortalidad Extrahospitalaria Durante la Pandemia del COVID-19: Un Estudio Comparativo de 18 Ciudades y Países"*	Invited presentation at the week of *FACISALUD,* the First Virtual Meeting of Health Sciences, at *la Universidad Autónoma de Baja California* (UABC).
2020	"The introduction of fentanyl on the US-Mexico border: An ethnographic account triangulated with drug checking data from Tijuana"	Podium presentation at APHA, in San Francisco, California (virtual).
2020	"Assessing the social impact of not-for-profit hospitals in the post-ACA period: "charity", profit, Medicaid provision and medical segregation"	Podium presentation at APHA, in San Francisco, California (virtual).
2020	"Experiences of arbitrary and abusive policing among people who inject drugs: A mixed methods study in California's central valley"	Podium presentation at APHA, in San Francisco, California (virtual).
2020	"covidcompare: Predictive Performance of International COVID-19 Mortality Forecasting Models"	Panel session "Open data, Open Code, and Reproducible Research." At: *Data Science Conference on COVID-19.*
2019	"Disparities in Violent Injury in Los Angeles: A Baseline Assessment for a Hospital-Based Violence Intervention Program"	Podium presentation at APHA, in Philadelphia, Pennsylvania.
2019	"Non-Profit Healthcare Systems and Medical Segregation"	Podium presentation at APHA, in Philadelphia, Pennsylvania.
2019	"Structural Vulnerability to Narcotics-Driven firearm violence: An ethnographic and epidemiological study of Philadelphia's Puerto Rican inner-city."	Poster Presentation at the Spirit of 1848 Caucus, at APHA, in Philadelphia, Pennsylvania.
2019	*"Mapeo de las Principales Enfermedades en Coahuila"*	Invited presentation at "Detección temprana de enfermedades crónicas" conference in Coahuila, Mexico.
2019	"Global Trends and Forecasts in Educational Inequality"	Presentation at Center for Global Health Inequalities kickoff event in Trondheim, Norway.
2019	"*Datos Epidemiológicos: Justificando una propuesta con evidencia cuantitativa*"	Guest lecture to MPH students at *la Universidad Autónoma de Baja California* (UABC).
2019	"Ending Medical Segregation in LA"	Presentation at the 2019 UCLA Grad Slam Finals. Placed third.
2019	"Social Determinants of Diabetes and Health Disparities"	Lecture to the first-year medical students at the David Geffen School of Medicine at UCLA. Co-taught with Dr. David Schriger.
2018	"Why Is the Opioid Epidemic So White? Racial and Socioeconomic Trends in Controlled Substance Prescription"	Oral presentation at All-LA 2018 Emergency Medicine Conference: Pain Management and the Opioid Crisis.
2018	"The Shocking Social Patterns of Prescription Drug Use"	Presentation at the 2018 UCLA Grad Slam Finals. https://www.youtube.com/watch?v=YaSGBWwUjws
2018	"2 laws, 1 City: Quantifying Disparities in Access to Mexico City's Public Abortion Program"	Oral presentation at Population Association of America (PAA) annual meeting.
2018	"Measuring the Distribution of Education: Global Trends, Forecasts, and Inequality Metrics"	Oral presentation at PAA annual meeting.
2017	"Travel Time, Local Legality, and Socio-Economic Status Affect Access to Legal Abortion in Mexico City"	Poster presentation at North American Forum on Family Planning annual meeting.
2017	"Inequality in Maternal Education and Child Mortality"	Poster presentation at PAA annual meeting.

2017	"Improving the Comparability of Educational Attainment Estimates: Developing a method to Reliably Crosswalk Binned Education Data to Single-Year Values"	Poster presentation at PAA annual meeting. Winner of best poster in session award.
2013	"Whet your Apatite: A Dietary Reconstruction Using Stable Carbon Isotopes from Human Tooth Enamel at Tell Dothan"	Poster presentation at the American Association of Physical Anthropologists annual meeting.

Selected Media Coverage and Mentions

2024	For *Illicit Fentanyl Use and Hepatitis C Virus Seroconversion Among People Who Inject Drugs in Tijuana and San Diego: Results From a Binational Cohort Study*	• https://oxfordjournals.altmetric.com/details/165792866/news
2023	For *Fentanyl, Heroin, and Methamphetamine-Based Counterfeit Pills Sold at Tourist-Oriented Pharmacies in Mexico: An Ethnographic and Drug Checking Study*	• https://medrxiv.altmetric.com/details/141895087/news
2023	For *Deaths of despair and Indigenous data genocide*	• https://plu.mx/plum/a/news?doi=10.1016/S0140-6736(22)02404-7
2022	For *Trends in Drug Overdose Deaths Among US Adolescents, January 2010 to June 2021*	• NPR All Things Considered: https://www.npr.org/2022/04/12/1092414599/teen-overdose-deaths-rose-recently-largely-due-to-fentanyl • WBUR Radio Interview: https://www.wbur.org/hereandnow/2022/04/14/fatal-drug-overdoses-teenagers • https://jamanetwork.altmetric.com/details/126491469/news
2022	For *Evaluation of Increases in Drug Overdose Mortality Rates in the US by Race and Ethnicity Before and During the COVID-19 Pandemic*	• https://jamanetwork.altmetric.com/details/123936888 • NPR "All Things Considered" Appearance: https://www.npr.org/2022/03/02/1083838947/black-americans-dying-drug-overdoses
2021	For *Racial/Ethnic, Social, and Geographic Trends in Overdose-Associated Cardiac Arrests Observed by US Emergency Medical Services During the COVID-19 Pandemic*	• Full list: https://www.altmetric.com/details/106449584/news
2020	For *Overdose-Related Cardiac Arrests Observed by Emergency Medical Services During the US COVID-19 Epidemic*	• Full list: https://jamanetwork.altmetric.com/details/95386386/news
2020	For *Excess Out-Of-Hospital Mortality and Declining Oxygen Saturation: The Sentinel Role of EMS Data in the COVID-19 Crisis in Tijuana, Mexico*	• https://www.latimes.com/world-nation/story/2020-05-21/in-tijuana-paramedics-reveal-hidden-death-toll-not-captured-in-official-covid-19-statistics • Full list: altmetric.com/details/82266569/news
2019	For: *Assessment of Racial/Ethnic and Income Disparities in the Prescription of Opioids and Other Controlled Medications in California*	• https://www.latimes.com/science/sciencenow/la-sci-sn-opioids-whites-doctors-20190211-story.html • Full list: https://www.altmetric.com/details/55301738/news
2019	For: *Structural vulnerability to narcotics-driven firearm violence: An ethnographic and epidemiological study of Philadelphia's Puerto Rican inner-city*	• https://www.inquirer.com/opinion/commentary/kensington-drug-market-gun-violence-homicide-racial-segregation-opioid-crack-20191207.html • https://whyy.org/articles/economic-investment-not-arrests-will-save-kensington-from-drug-violence-say-researchers-who-lived-there/
2019		

For harm reduction fieldwork in Tijuana, Mexico.	• https://www.ozy.com/the-new-and-the-next/ozy-investigation-americas-fentanyl-crisis-heads-south-to-mexico/227967/

Selected Media Appearances

10/2026	The Academic Minute	US Overdose Deaths Dropped in 2024 Amid Uneven Progress. https://www.academicminute.org/p/joseph-friedman-university-of-california
2026	New Scientist	Why drug overdose deaths have suddenly plummeted in the US. https://www.newscientist.com/article/2519030-why-drug-overdose-deaths-have-suddenly-plummeted-in-the-us.
4/2025	NYT	As Fentanyl Deaths Slow, Meth Comes for Maine. https://www.nytimes.com/2025/04/16/health/meth-maine-fentanyl.html
10/2024	LAist	US overdose deaths are dropping. Is California following? https://laist.com/news/health/la-california-overdose-fatal-fentanyl-death-opioid-plateau-drop-racial-inequality-homelessness
9/2024	The Guardian	https://www.theguardian.com/society/2024/sep/14/fentanyl-deaths-high-school
7/2024	NPR	https://www.npr.org/sections/shots-health-news/2024/07/09/nx-s1-5015243/stimulant-users-meth-cocaine-coke-in-overdose-fourth-wave-opioid-epidemic
7/2024	Yahoo News	https://ca.news.yahoo.com/biden-talks-fentanyl-crisis-mexico-100305271.html?src=rss
5/2023	Native American Calling	https://www.nativeamericacalling.com/friday-may-19-2023-the-desperate-fight-against-fentanyl/
1/2023	NPR Morning Edition	Deaths of despair also affect Native American Communities, study shows. NPR Morning Edition. https://www.npr.org/2023/01/27/1151957875/deaths-of-despair-also-affect-native-american-communities-study-shows
1/2023	USA Today	Biden talks fentanyl crisis in Mexico: What experts say should be done to stop overdose deaths. USA Today. https://www.usatoday.com/story/news/nation/2023/01/07/biden-talks-fentanyl-opioid-crisis-overdose-death/10990587002/
9/2022	980 CKNW	Jill Bennett Show Daily News: https://podcasts.apple.com/ca/podcast/the-jill-bennett-show/id1241365830?i=1000579985540
9/2022	LAist / KPCC 89.3	'We Have To Teach Them To Stay Safe' — High Schooler Dies From Fentanyl Overdose Amid Rise in Drug Deaths https://laist.com/news/health/fentanyl-overdose-drug-deaths-high-school-teen-hollywood-los-angeles
4/2022	NPR All Things Considered	https://www.npr.org/2022/04/12/1092414599/teen-overdose-deaths-rose-recently-largely-due-to-fentanyl
4/2022	WBUR	https://www.wbur.org/hereandnow/2022/04/14/fatal-drug-overdoses-teenagers
3/2022	NPR All Things Considered	https://www.npr.org/2022/03/02/1083838947/black-americans-dying-drug-overdoses