

Yuyan Shi, PhD

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RESEARCH INTERESTS

Research Fields	Health economics; health policy; behavioral economics; health services; epidemiology
Subject Areas	Use and abuse of legal and illicit substances, including but not limited to cannabis, tobacco, opioids, benzodiazepines, alcohol, and heroin
Specific Topics	Cannabis legalization and commercialization Behavioral experiments on product attributes and marketing Point-of-sale and social media marketing Packaging and warning Retail environments of commercialized substances Tobacco control policies regulating novel tobacco products Epidemiology of substance use and abuse

EMPLOYMENT

2025-present	Full Professor with Tenure , Herbert Wertheim School of Public Health and Human Longevity Science, University of California San Diego, CA
2020-2025	Associate Professor with Tenure , Herbert Wertheim School of Public Health and Human Longevity Science, University of California San Diego, CA
2019-2020	Associate Professor with Tenure , Department of Family Medicine and Public Health, University of California San Diego, CA
2013-2019	Tenure-track Assistant Professor , Department of Family Medicine and Public Health, University of California San Diego, CA
2011-2013	Health Economist , Healthways. Inc. Franklin, TN
2010-2011	Consultant , the World Bank Group. Washington D.C.
2005-2009	Assistant Policy Analyst , RAND Corporation. Santa Monica, CA

EDUCATION

2005-2011	Ph.D., Applied Microeconomics and Public Policy Pardee RAND Graduate School, RAND Corporation, CA
2002-2005	M.S., Public Policy School of Public Policy and Management, Tsinghua University, China
1998-2002	B.S., Economics China Center for Economic Research, Peking University, China
1998-2002	B.A. Political Science and Public Policy School of Government, Peking University, China

RESEARCH GRANTS AND CONTRACTS (PI and Co-I activities only)

Active

- 2026-2028 Title: Evaluating the Impact of Cannabis Vape Packaging and Health Warning Regulations on Young Adults
Funding Agency: California Department of Cannabis Control (\$1,517,000)
Role: Principal Investigator
- 2026-2028 Title: Price and Tax Trends and Their Effects on Cannabis Sales: Evidence from Multi-State Retail Scanner Data
Funding Agency: California Department of Cannabis Control (\$1,219,000)
Role: Principal Investigator
- 2026-2028 Title: Effects of Cannabis Regulatory Policies on Young Adults in an In Vivo Simulated Dispensary (PI: David Strong)
Funding Agency: California Department of Cannabis Control (\$2,000,000)
Role: Co-Investigator
- 2025-2030 Title: R01DA062216, Strengthening Text-based Warning Labels on Cannabis Edible Packages
Funding Agency: NIH/NIDA (\$4,050,000)
Role: Principal Investigator
- 2022-2027 Title: R01DA053294, The Impact of Excise Tax Structures for Non-Medical Marijuana on Marijuana Consumption (PI: Ce Shang)
Funding Agency: NIH/NIDA flow through the Ohio State University (\$3,358,000; UCSD subcontract \$1,009,000)
Role: Subcontract Principal Investigator
- 2020-2025
(NCE to 2026) Title: R01DA049730, Using Behavioral Economics Approach to Examine Individual Preferences for Marijuana Products
Funding Agency: NIH/NIDA (\$3,450,000)
Role: Principal Investigator

Completed

- 2022-2025 Title: T32IR4988 (High Impact Research Project Award), Effects of Legalized Recreational Marijuana on Tobacco Use across Race/Ethnic Groups (PI: Dennis Trinidad)
Funding Agency: TRDRP (\$1,170,000)
Role: Co-Investigator
- 2022-2027
(terminated 2025) Title: #22-10341, Proposition 56 Evaluation and Endgame Goals Analysis (PI: Dennis Trinidad)
Funding Agency: CDPH (\$3,599,000)
Role: Co-Investigator
- 2021-2023
(NCE to 2024) Title: 65216, Evaluating the Impacts of Packaging and Labeling on Cannabis Edible Use among Youth
Funding Agency: California Department of Cannabis Control (\$987,000)
Role: Principal Investigator
- 2020-2023 Title: T31IR1584 (High Impact Research Project Award), Trends in SES Disparities in Smoking Behavior with 5 Major, Different Tobacco Control Programs (mPIs: Sara McMenamin and John Pierce)
Funding Agency: TRDRP (\$950,000)

2018-2021
 (NCE to 2022) Role: Co-Investigator
Title: 271R-0014 (High Impact Research Project Award), Marijuana Dispensaries and Adolescents' Use of Marijuana and Tobacco
Funding Agency: TRDRP (\$870,000)

2018-2022 Role: Principal Investigator
Title: R01HL136407, HL-132: Increasing Adherence to Guideline-Based Exercise Therapy for Chronic Heart Failure (PI: Paul Mills)
Funding Agency: NIH/NHLBI (\$3,980,000)

2017-2020
 (NCE to 2021) Role: Co-Investigator
Title: R01DA042290, Neighborhood Physical, Economic, and Socioeconomic Environment in Relation to Marijuana Use and Disorder
Funding Agency: NIH/NIDA (\$2,370,000)

2020
 (NCE to 2021) Role: Principal Investigator
Title: R01DA042290-04S1 (Administrative Supplement), Neighborhood Physical, Economic, and Socioeconomic Environment in Relation to Marijuana Use and Disorder
Funding Agency: NIH/NIDA (\$249,000)

2019-2020 Role: Principal Investigator
Title: 271R-0014 (Student Supplement Research Award), Marijuana Dispensaries and Adolescents' Use of Marijuana and Tobacco (Mentee: Angelina S. Carrillo)
Funding Agency: TRDRP (\$20,000)

2014-2019 Role: Principal Investigator
Title: R01HL125405, Peer Empowerment Program for Physical Activity in Low Income & Minority Seniors (PI: Jacqueline Kerr/Loki Natarajan)
Funding agency: NIH/NHLBI (\$3,900,000)

2016-2019 Role: Co-Investigator
Title: R40MC29452, Using a Guided Self-Help Treatment Model for Childhood Obesity Management in the Primary Care Setting (PI: Kyung Rhee)
Funding Agency: NIH/HRSA (\$890,000)

2015-2017 Role: Co-Investigator
Title: 24RT-0036 (High Impact Research Project Award), Population Studies of New Tobacco Products and Cigarettes (PI: Karen Messer)
Funding agency: TRDRP (\$420,000)

2013-2017 Role: Co-Investigator
Title: R01CA172058, Population Studies of Cigarette Smoking, Other Tobacco Use, and Lung Cancer (PI: Karen Messer)
Funding agency: NIH/NCI (\$710,000)

2015-2016 Role: Co-Investigator
Title: Marijuana Store Environment and Marijuana Use Behaviors: A Pilot Study
Funding agency: Department of Family Medicine and Public Health, University of California San Diego (\$10,000)

2016 Role: Principal Investigator
Title: 24ST-0050 (High Impact Research Project Award), Trends in Smoking Behavior & Lung Cancer in California (PIs: John Pierce and Yuyan Shi)
Funding agency: TRDRP (\$60,000)
Role: Co-Principal Investigator

- 2015-2016 Title: RO198H-SHI, Adding Spatialized Location and Price Data to Enhance Multilevel Research on Marijuana Use
Funding agency: Health Science Academic Senate, University of California San Diego (\$10,000)
Role: Principal Investigator
- 2015-2016 Title: 70-002, The Cost-Effectiveness of Using Nicotine Replacement Therapy and Financial Incentives to Promote Utilization of Smokers Quitlines and Smoking Cessation among Asian-language Speakers: A Randomized, Controlled Pilot Trial
Funding agency: American Cancer Society (\$30,000)
Role: Principal Investigator
- 2008-2011 Title: Rosenfeld Dissertation Award, Evaluating the Heterogeneity in Price Elasticity of Alcohol Consumption among Males
Funding agency: RAND Corporation (\$15,000)
Role: Principal Investigator
- 2008-2011 Title: Dissertation Award for Aging Studies in China, Evaluating the Heterogeneity in Price Elasticity of Alcohol Consumption among Males
Funding agency: RAND Corporation (\$25,000)
Role: Principal Investigator

PEER-REVIEWED PUBLICATIONS

Research Articles (*Corresponding author; #First author is a mentee)

1. Bing Han, Michael Cooper, Ce Shang, **Yuyan Shi***#. Standardizing Recreational Cannabis Excise Tax Rates in the United States: New Retail Price-based Measurements by Product Category. *International Journal of Environmental Research and Public Health* (accepted)
2. Bing Han, Christian Gunadi, **Yuyan Shi***#. Authorization of Storefront Recreational Cannabis Retailers and Cannabis-related Healthcare Encounters: A Local-level Spatial Difference-in-Differences Analysis in California, United States. *Addiction* (accepted)
3. Zechariah Zhu, Samantha Cruz, Thet Nwe Myo Khin, **Yuyan Shi**, Sara B. McMenamin, Richard F. Armenta, Kimberley M. Pulvers, Dennis R. Trinidad. Diverging Patterns of Educational Disparities among Cannabis Users and Cigarette Smokers. *AJPM Focus* 2026; 5 (1): 100436
4. Jiayu Chen, Karen Messer, John P Pierce, David R. Strong, Natalie E. Quach, **Yuyan Shi**, Sara B. McMenamin, Matthew D Stone, Dennis R. Trinidad. Cannabis Use and Progression to Regular Tobacco Use among United States Youth and Young adults: Evidence from the Population Assessment of Tobacco and Health (PATH) Study, 2017–2021. *Tobacco Control* 2025; doi:10.1136/tc-2025-059634
5. Bing Han, Hojin Park, Yanyun He, Ce Shang, **Yuyan Shi***#. Estimating Price Elasticity of Cannabis Use among U.S. Adolescents: Evidence from States with Recreational Cannabis Commercialization. *Journal of Adolescent Health* 2025; doi.org/10.1016/j.jadohealth.2025.08.021
6. Karen Messer, John P. Pierce, Jiayu Chen, Man Luo, Matthew D. Stone, Eric C. Leas, **Yuyan Shi**, David R. Strong, Dennis Trinidad, Sara B. McMenamin. Cigarette Smoking Decline among US Young Adults from 2000-2019, in Relation to State-level Cigarette Price and Tobacco Control Expenditure. *Tobacco Control* 2025; 34 (5): 671-679
7. Bing Han, **Yuyan Shi***#. A Content Analysis of Cannabis Edible Product Characteristics, Packaging Features, and Online Promotions. *Preventive Medicine* 2025; 198: 108336

8. Michael Cooper, **Yuyan Shi***#. Correct Recognition and Appeal Ratings of Copycat Cannabis Edible Packaging: Evidence from an Online Experiment. *Cannabis and Cannabinoid Research* 2025; 10 (3): 420-424
9. John P. Pierce, Luo Man, Sara B. McMenamin, Matthew D. Stone, Eric C. Leas, David R. Strong, **Yuyan Shi**, Seila Kealey, Tarik Benmarnhia, Karen Messer. Declines in Cigarette Smoking among US Adolescents and Young Adults: Indications of Independence from E-cigarette Vaping Surge. *Tobacco Control* 2025; 34 (3): 286-293
10. Dennis R Trinidad, Candice Donaldson, Brian Dang, Matthew D Stone, Thet Nwe Myo Khin, Sara B McMenamin, **Yuyan Shi**, Xueying Zhang, Karen Messer, John P Pierce. Tobacco Policy Coverage in California Jurisdictions before and after Implementation of Proposition 56. *Preventive Medicine Reports* 2025; 103080
11. Jin Xing, **Yuyan Shi***#. Estimating and Comparing the Effects of Price- and Potency-Based Taxes on Cannabis Purchase Patterns in an Experimental Cannabis Marketplace. *Addiction* 2025; 120 (9): 1770-1779
12. Matthew D. Stone, John P. Pierce, Brian Dang, Sara B. McMenamin, Candice D. Donaldson, Xueying Zhang, David R. Strong, **Yuyan Shi**, Karen Messer, Dennis R. Trinidad. State and Sociodemographic Trends in US Cigarette Smoking with Future Projections. *JAMA Network Open* 2025; 8 (4): e256834
13. Michael Cooper, **Yuyan Shi***#. Packaging of Cannabis Edibles, Health Warning Recall, and Perceptions among Young Adults. *JAMA Network Open* 2025; 8 (4): e253117
14. Bing Han, **Yuyan Shi***#. Multilevel Determinants of Cannabis Prices in Legal Markets: Evidence from Flower Products Sold in Nearly 4,000 Cannabis Dispensaries in the United States. *International Journal of Drug Policy* 2025; 137: 104722
15. Bing Han, Yanyun He, Hojin Park, Ce Shang, **Yuyan Shi**#. Estimating the Price Elasticity of Cannabis Use among US Adults: Evidence from States with Recreational Cannabis Commercialization. *Cannabis and Cannabinoid Research* 2025; 10 (3): 480-488
16. Christian Gunadi, **Yuyan Shi**#. Drug Decriminalization and Fatal Traffic Crashes: Evidence from BM110 in Oregon. *Health Economics* 2025; 34: 815–820
17. Osika Tripathi, Humberto Parada Jr, Connie Sosnoff, Georg E. Matt, Penelope J. E. Quintana, **Yuyan Shi**#, Sandy Liles, Lanqing Wang, Kevin T. Caron, James Oneill, Ben Nguyen, Benjamin C. Blount, John Bellettiere. Exposure to Secondhand Cannabis Smoke Among Children. *JAMA Network Open* 2025; 8(1): e2455963
18. Osika Tripathi, Humberto Parada Jr., Sandy Liles, **Yuyan Shi**#, Georg E. Matt, Penelope J.E. Quintana, Jason Ferris, Adam Winstock, John Bellettiere. Clearing the Air: Heightened perception of harm from secondhand cannabis smoke exposure is associated with no in-home cannabis smoking. *Preventive Medicine* 2025; 189: 108178
19. Hojin Park, Dong Won Yoon, Qian Yang, Yanyun He, Bing Han, **Yuyan Shi**, Ce Shang. Recreational Cannabis Excise Taxation in the USA: Constructing a Comparable Tax Measure for Empirical Analysis. *International Journal of Drug Policy* 2024; 134: 104630
20. Jin Xing, **Yuyan Shi***#. Cannabis Users' Preferences for Legal and Illegal Cannabis: Evidence from a Discrete Choice Experiment. *BMC Public Health* 2024; 24(1): 2397
21. Michael Cooper, **Yuyan Shi***#. The Impacts of Packaging on Preferences for Cannabis Edibles: A Discrete Choice Experiment. *International Journal of Drug Policy* 2024; 128: 104453
22. Osika Tripathi, Humberto Parada, **Yuyan Shi**#, Georg E. Matt, Penelope J.E. Quintana, Sandy Liles, John Bellettiere. Perception of Harm is Strongly Associated with Complete Ban on In-home Cannabis Smoking: A Cross-sectional Study. *BMC Public Health* 2024; 24(1): 669

23. Michael Cooper, **Yuyan Shi***#. Appeal Rating and Visual Attention Associated with Youth-Appealing Cannabis Packaging: An Eye Tracking Experiment. *Drug and Alcohol Dependence* 2023; 253: 110992
24. Christian Gunadi, **Yuyan Shi***#. Prescription Drug Monitoring Programs Use Mandates and Prescription Stimulant and Depressant Quantities. *BMC Public Health* 2023; 23: 1326
25. Osika Tripathi, John Bellettiere, Sandy Liles, **Yuyan Shi***#. Location and Home Rules of Cannabis Use - Findings from Marijuana Use and Environmental Survey 2020, a Nationally Representative Survey in the United States. *Preventive Medicine Reports* 2023; 35: 102289
26. Christian Gunadi, **Yuyan Shi***#. Association between Prescription Drug Monitoring Programs Use Mandates and Prescription Stimulants Received by Medicaid Enrollees. *Drug and Alcohol Review* 2023; 42(7): 1658-1666
27. Bing Han, **Yuyan Shi***#. Associations of Recreational Cannabis Dispensaries' Availability, Storefront Signage, and Health Benefit Signs with Cannabis Use: Findings from a Representative Adult Sample in California, United States. *Addiction* 2023; 118(7): 1270-1279
28. Michael Cooper, Thadchaigeni Panchalingam, Ce Shang, **Yuyan Shi***#. Behavioral Economic Relationship between Cannabis and Cigarettes: Evidence from Hypothetical Purchase Tasks. *International Journal of Drug Policy* 2023; 112: 103951
29. Thadchaigeni Panchalingam, Michael Cooper, Ce Shang, **Yuyan Shi***#. Behavioral Economic Relationship between Cannabis Flower and Concentrates: Evidence from Simulated Purchase Tasks. *Experimental and Clinical Psychopharmacology* 2023; 31(3): 694
30. Christian Gunadi, **Yuyan Shi***#. Association of Recreational Cannabis Legalization with Cannabis Possession Arrest Rates in the US. *JAMA Network Open* 2022; 5(12): e2244922
31. Thadchaigeni Panchalingam, **Yuyan Shi***#. Parental Refusal and Hesitancy of Vaccinating Children against COVID-19: Findings from a Nationally Representative Sample of Parents in the U.S. *Preventive Medicine* 2022; 164: 107288
32. Katie Crist, Kelsie M. Full, Sarah Linke, Fatima Tuz-Zahra, Khalisa Bolling, Brittany Lewars, Chenyu Liu, **Yuyan Shi**, Doris Rosenberg, Marta Jankowska, Tarik Benmarhnia, Loki Natarajan. Health Effects and Cost-effectiveness of a Multilevel Physical Activity Intervention in Low-income Older Adults; Results from the PEP4PA Cluster Randomized Controlled Trial. *International Journal of Behavioral Nutrition and Physical Activity* 2022; 19(1): 75
33. Yanjia Cao, Marta M. Jankowaska, Jiue-an Yang, **Yuyan Shi***#. Spatial and Temporal Pattern of Marijuana Use Disorder in California 2010-2019. *Spatial and Spatio-temporal Epidemiology* 2022; 42: 100520
34. Christian Gunadi, Bin Zhu, **Yuyan Shi***#. Recreational Cannabis Legalization and Transitions in Cannabis Use: Findings from a Nationally Representative Longitudinal Cohort in the United States. *Addiction* 2022; 117(10): 2651-2659
35. Kyung E. Rhee, Lourdes Herrera, David Strong, Eastern Kang-Sim, **Yuyan Shi**, Kerri N. Boutelle. Guided Self-Help for Pediatric Obesity in Primary Care: A Randomized Clinical Trial. *Pediatrics* 2022; 150(1): e2021055366
36. Christian Gunadi, **Yuyan Shi***#. Cannabis Decriminalization and Racial Disparity in Arrests for Cannabis Possession. *Social Science and Medicine* 2022; 293: 114672
37. Eric C. Leas, Alicia Nobles, **Yuyan Shi**, Erik Hendrickson. Public Interest in Δ 8-Tetrahydrocannabinol (delta-8-THC) Increased in US States That Restricted Δ 9-Tetrahydrocannabinol (delta-9-THC) Use. *International Journal of Drug Policy* 2022; 101: 103557
38. Shu-Hong Zhu, Julian Ong, Shiushing Wong, Adam Cole, Yuelin Zhuang, **Yuyan Shi**. Early Adoption of Heated Tobacco Products Resembles That of E-Cigarettes. *Tobacco Control* 2022; 31(e1): e35-e40

39. Christian Gunadi, Tarik Benmarhnia, Martha White, John P. Pierce, Sara B. McMenamin, Eric C. Leas, **Yuyan Shi***#. Tobacco Price and Use following California Proposition 56 Tobacco Tax Increase. *Plos One* 2021; 16(10): e0257553
40. **Yuyan Shi***, Rosalie L. Pacula. Assessment of Recreational Cannabis Dispensaries' Compliance with Underage Access and Marketing Restrictions in California. *JAMA Pediatrics* 2021; 175(11): 1178-1180
41. Eric C. Leas, Natalie Moy, Sara McMenamin, **Yuyan Shi**, Tarik Benmarhnia, Matthew D. Stone, Dennis R. Trinidad, Martha White. Availability and Promotion of Cannabidiol (CBD) Products in Online Vape Shops. *International Journal of Environmental Research and Public Health* 2021; 18(13): 6719
42. Kyung E. Rhee, Lourdes Herrera, David Strong, Anthony M. DeBenedetto, **Yuyan Shi**, Kerri N. Boutelle. Design of the GOT Doc Study: A randomized controlled trial comparing a Guided Self-Help Obesity Treatment Program for Childhood Obesity in the Primary Care Setting to Traditional Family-Based Behavioral Weight Loss. *Contemporary Clinical Trials Communications* 2021; 22: 100771
43. **Yuyan Shi***. Heterogeneities in Cannabis Administration Methods by Use Purpose and Legalization Status: Findings from a Nationally Representative Survey in the US, 2020. *Addiction* 2021; 116(7): 1782-1793
44. **Yuyan Shi***, Bin Zhu, Di Liang. The Associations between Prenatal Cannabis Use Disorder and Neonatal Outcomes. *Addiction* 2021; 116(11):3069-3079
45. Bin Zhu, Huiying Guo, Ying Cao, Ruopeng An, **Yuyan Shi***#. Perceived Importance of Factors in Cannabis Purchase Decisions: A Best-worst Scaling Experiment. *International Journal of Drug Policy* 2021; 91: 102793
46. Di Liang, Huiying Guo, **Yuyan Shi***#. Mandatory Use of Prescription Drug Monitoring Program and Benzodiazepine Prescribing among U.S. Medicaid Enrollees. *Substance Abuse* 2021; 42(3): 294-301
47. Hao Zhang, Srikar Tallavajhala, Shashi N Kapadia, Philip Jeng, **Yuyan Shi**, Hefei Wen, Yuhua Bao. State Legislative Limits on Initial Opioids and Volume of Opioid Prescriptions Received by Medicaid Patients. *Medical Care* 2020; 58(12): 1111-1115
48. Yiwen Cao, Angelina S. Carrillo, Marta M. Jankowska, **Yuyan Shi***#. Validation of Secondary Data Sources for Enumerating Marijuana Dispensaries in a State Commercializing Marijuana. *Drug and Alcohol Dependence* 2020; 215: 108183
49. Ruopeng An, **Yuyan Shi**, Jing Shen, Tiffany Bullard, Guancheng Liu, Qiuying Yang, Nan Chen, Lianzhong Cao. Effect of Front-of-Package Nutrition Labelling on Food Purchases: A Systematic Review. *Public Health* 2020; 191: 59-67
50. **Yuyan Shi***, Di Liang. The Association between Recreational Cannabis Commercialization and Cannabis Exposures Reported to the US National Poison Data System. *Addiction* 2020; 115(10): 1890-1899
51. Di Liang, **Yuyan Shi***#. The Association between Pain Clinic Laws and Prescription Opioid Exposures: New Evidence from Multi-state Comparisons. *Drug and Alcohol Dependence* 2020; 206: 107754
52. Yiwen Cao, Angelina S. Carrillo, Shu-hong Zhu, **Yuyan Shi***#. Point-of-Sale Marketing of Recreational Marijuana Dispensaries around California Schools. *Journal of Adolescent Health* 2020; 66(1): 72-78
53. Di Liang, **Yuyan Shi***#. The Associations of Neighborhood Availability of Marijuana Dispensaries and DATA-2000 Waivered Providers with Hospital Stays Related to Opioids. *Substance Use and Misuse* 2019; 54(14): 2387-2399
54. **Yuyan Shi***, Ying Cao, Ce Shang, Rosalie L. Pacula. The Impacts of Potency, Warning Messages, and Price on Preferences for Cannabis Products. *International Journal of Drug Policy* 2019; 74: 1-10
55. Di Liang, Mark S. Wallace, **Yuyan Shi***#. Medical and Nonmedical Cannabis Use and Risk of Prescription Opioid Use Disorder: Findings from Propensity Score Matching. *Drug and Alcohol Review* 2019; 38(6): 597-605

56. Di Liang, **Yuyan Shi***#. Prescription Drug Monitoring Programs and Drug Overdose Deaths Involving Benzodiazepines and Prescription Opioids. *Drug and Alcohol Review* 2019; 38(5): 494-502
57. Ruopeng An, Jindong Chang, **Yuyan Shi**, Caitlin Clarke, Sheng Zhang. Nighttime Eating and Obesity among U.S. Adults, 2007–2016. *Journal of Human Nutrition and Dietetics* 2019; 32(6): 754-764
58. Kathryn Tringale, Mia Salans, Deborah Marshall, Minh-Phuong Huynh-Le, **Yuyan Shi**, Jona Hattangadi-Gluth. The Role of Cancer in Marijuana and Prescription Opioid Use in the United States: A Population-Based Analysis from 2005-2014. *Cancer* 2019; 125(13): 2242-2251
59. Griffin A. Tyree, Reith Sarkar, Brandon K. Bellows, Ronald J. Ellis, Hampton J. Atkinson, Thomas D. Marcotte, Mark S. Wallace, Igor Grant, **Yuyan Shi**, James D. Murphy, David J. Grelotti. A Cost-Effectiveness Model for Adjunctive Smoked Cannabis in the Treatment of Chronic Neuropathic Pain. *Cannabis and Cannabinoid Research* 2019; 4(1): 62-72
60. David R. Strong, Karen Messer, Martha M. White, **Yuyan Shi**, Madison Noble, David B. Portnoy, Alexander Persoskie, Annette R. Kaufman, Kelvin Choi, Charles Carusi, Maansi Bansal-Travers, Andrew Hyland, John P. Pierce. Youth Perception of Harm and Addictiveness of Tobacco Products: Findings from the Population Assessment of Tobacco and Health Study (Wave 1). *Addictive Behaviors* 2019; 92: 128-135
61. John Pierce, **Yuyan Shi**, Sara McMenamin, Tarik Benmarhnia, Dennis R. Trinidad, David R. Strong, Martha M. White, Sheila Kealey, Erik M. Hendrickson, Matthew D. Stone, Adriana Villasenor, Sandy L. Kwong, Xueying Zhang, Karen Messer. Trends in the Dual Epidemics of Lung Cancer and Smoking: California Compared to the Rest of the United States. *Cancer Prevention Research* 2019; 12(1): 3-12
62. **Yuyan Shi***, Di Liang, Yuhua Bao, Ruopeng An, Mark S Wallace, Igor Grant. Recreational Marijuana Legalization and Prescription Opioids Received by Medicaid Enrollees. *Drug and Alcohol Dependence* 2019; 194: 13-19
63. Maya Vijayaraghavan, Tarik Benmarhnia, John P. Pierce, Martha M. White, Jennie Kempster, **Yuyan Shi**, Dennis R. Trinidad, Karen Messer. Income Disparities in Smoking Cessation and in the Diffusion of Smoke-free Homes among U.S. Smokers - Results from two longitudinal surveys. *PLOS One* 2018; 13(7): e0201467
64. Di Liang, Yuhua Bao, Mark Wallace, Igor Grant, **Yuyan Shi***#. Medical Cannabis Legalization and Opioid Prescriptions: Evidence on US Medicaid Enrollees during 1993-2014. *Addiction* 2018; 113(11): 2060-2070
65. John P. Pierce, **Yuyan Shi**, Erik Hendrickson, Martha M. White, Madison Noble, Sheila Kealey, David R. Strong. Did Slowdown on Taxes and Program Impact California's Smoking Decline? *Tobacco Regulatory Science* 2018; 4(5): 30-40
66. **Yuyan Shi***, Sharon E. Cummins, Shu-hong Zhu. Medical Marijuana Availability, Price, and Product Variety and Adolescents' Marijuana Use. *Journal of Adolescent Health* 2018; 63(1): 88-93
67. John Pierce, James D. Sargent, David B. Portnoy, Martha White, Madison Noble, Sheila Kealey, Nicolette Borek, Charles Carusi, Kelvin Choi, Victoria R. Green, Annette R. Kaufman, Eric Leas, Jane M. Lewis, Katherine A. Margolis, Karen Messer, **Yuyan Shi**, Marushka L. Silveira, Kimberly Snyder, Cassandra A. Stanton, Susanne E. Tanski, Maansi Bansal-Travers, Dennis Trinidad, Andrew Hyland. Association between Receptivity to Tobacco Advertising and Progression to Tobacco Use in Youth and Young Adults in the PATH Study. *JAMA Pediatrics* 2018; 172(5): 444-451
68. John P. Pierce, **Yuyan Shi**, Erik Hendrickson, Martha M. White, Madison Noble, Sheila Kealey, David R. Strong, Dennis R. Trinidad, Anne M. Hartman, Karen Messer. Tobacco Control in California Compared with the Rest of the United States: Trends in Adult Per Capita Cigarette Consumption. *Tobacco Control* 2018; 27(e2): e112-e117

69. **Yuyan Shi***, Sheng Zhong. Trends in Cannabis Use Disorder among Pregnant Women in the U.S., 1993-2014. *Journal of General Internal Medicine* 2018; 33(3): 245-246
70. Porchia Rich, Gregory A. Aarons, Michelle Takemoto, Veronica Cardenas, Katie Crist, Khalisa Bolling, Brittany Lewars, Cynthia Castro Sweet, Loki Natarajan, **Yuyan Shi**, Kelsie M. Full, Eileen Johnson, Dori E. Rosenberg, Melicia Whitt-Glover, Bess Marcus, Jacqueline Kerr. Implementation-effectiveness Trial of An Ecological Intervention for Physical Activity in Ethnically Diverse Low Income Senior Centers. *BMC Public Health* 2017; 18(1): 29
71. Dennis R. Trinidad, John P. Pierce, James D. Sargent, Martha M. White, David R. Strong, David B. Portnoy, Victoria R. Green, Cassandra A. Stanton, Kelvin Choi, Maansi Bansal-Travers, **Yuyan Shi**, Jennifer Pearson, Annette R. Kaufman, Nicolette Borek, Blair N. Coleman, Andrew Hyland, Charles Carusi, Sheila Kealey, Eric Leas, Madison Noble, Karen Messer. Susceptibility to Tobacco Product Use Among Youth in Wave 1 of the Population Assessment of Tobacco and Health (PATH) Study. *Preventive Medicine* 2017; 101: 8-14
72. **Yuyan Shi***. Medical Marijuana Policies and Hospitalizations Related to Marijuana and Opioid Pain Reliever. *Drug and Alcohol Dependence* 2017; 173: 144-150
73. Ruopeng An, **Yuyan Shi**. Consumption of Coffee and Tea with Add-ins in Relation to Daily Energy, Sugar, and Fat Intake in U.S. Adults, 2001-2012. *Public Health* 2017; 146: 1-3
74. **Yuyan Shi**, Sharon Cummins, Shu-hong Zhu. Use of Electronic Cigarettes in Smoke-free Environments. *Tobacco Control* 2017; 26(e1): e19-e22
75. **Yuyan Shi**, John Pierce, Martha White, Maya Vijayaraghavan, Wilson Compton, Kevin Conway, Anne Hartman, Karen Messer. E-cigarette Use and Smoking Reduction or Cessation in the 2010/2011 TUS-CPS Longitudinal Cohort. *BMC Public Health* 2016; 16(1): 1105
76. **Yuyan Shi***. The Availability of Medical Marijuana Dispensary and Adolescent Marijuana Use. *Preventive Medicine* 2016; 91: 1-7
77. **Yuyan Shi***, Kristin Meseck, Marta M. Jankowska. Availability of Medical and Recreational Marijuana Stores and Neighborhood Characteristics in Colorado. *Journal of Addiction* 2016; Article ID 7193740
78. **Yuyan Shi***, Michela Lenzi, Ruopeng An. Cannabis Liberalization and Adolescent Cannabis Use: A Cross-national Study in 38 Countries. *PLOS One* 2015; 10(11): e0143562
79. Karen Messer, Maya Vijayaraghavan, Martha M. White, **Yuyan Shi**, Cindy Chang, Kevin P. Conway, Anne Hartman, Megan J. Schroeder, Wilson M. Compton, John P. Pierce. Cigarette smoking cessation attempts among current US smokers who also use smokeless tobacco. *Addictive Behaviors* 2015; 51: 113-9
80. Ruopeng An, **Yuyan Shi**. Body Weight Status and Onset of Functional Limitations in U.S. Middle-aged and Older Adults. *Disability and Health Journal* 2015; 8(4): 468
81. **Yuyan Shi***, Sharon Cummins. Smoking Cessation Services and Smoke-free Policies in Substance Abuse Treatment Facilities: National Survey Results. *Psychiatric Services* 2015; 66(6): 610-6
82. Hua Wang, **Yuyan Shi***, Yoonhee Kim, Takuya Kamata. Economic Value of Water Quality Improvement for One Grade Level in Erhai Lake: A Willingness-to-Pay Survey and a Benefit-Transfer Study. *Frontiers of Economics in China* 2015; 10(1): 168-199
83. Karen Messer, Martha M. White, David R. Strong, Baoguang Wang, **Yuyan Shi**, Kevin P. Conway, John P. Pierce. Trends in Use of Little Cigars or Cigarillos and Cigarettes among US Males, 2002-2011. *Nicotine & Tobacco Research* 2015; 17(5): 515-23
84. Augustine S. Rajaratnam, Lindsay E. Sears, **Yuyan Shi**, Carter Coberley, James E. Pope. Well-being, Health and Productivity Improvement Following an Employee Well-being Intervention in Large Retail Distribution Centers. *Journal of Occupational and Environmental Medicine* 2014; 56(12): 1291-6
85. **Yuyan Shi***. Smoking Cessation among People Seeking Mental Health Treatment. *Psychiatric Services* 2014; 65(7): 957-60

86. **Yuyan Shi***, Sheng Zhong. From Genomes to Societies: A Holistic View of Determinants of Human Health. *Current Opinion of Biotechnology* 2014; 28: 134-42
87. **Yuyan Shi***. At High Risk and Want to Quit: Marijuana Use among Adults with Depression or Serious Psychological Distress. *Addictive Behaviors* 2014; 39(4): 761-7
88. Hua Wang, **Yuyan Shi***, Yoonhee Kim, Takuya Kamata. Valuing Water Quality Improvement in China: A Case Study of Puzhehei Lake in Yunnan Province. *Ecological Economics* 2013; 94: 56-65
89. **Yuyan Shi***, Lindsay Sears, Carter Coberley, James Pope. The Association between Modifiable Well-being Risks and Productivity: A Longitudinal Study in Pooled Employer Sample. *Journal of Occupational and Environmental Medicine* 2013; 55(4): 353-64
90. Lindsay Sears, **Yuyan Shi**, Carter Coberley, James Pope. Overall Well-being as a Predictor of Healthcare, Productivity, and Retention Outcomes in a Large Employer. *Population Health Management* 2013; 16(6): 397-405
91. **Yuyan Shi***, Lindsay Sears, Carter Coberley, James Pope. Classification of Individual Well-Being Scores for the Determination of Adverse Health and Productivity Outcomes in Employee Population. *Population Health Management* 2013; 16(2): 90-8
92. Hua Wang, Ke Fang, **Yuyan Shi**. Benefit-Cost Analysis with Local Residents' Stated Preference Information: A Study of Non-Motorized Transport Investments in Pune, India. *Journal of Benefit-Cost Analysis* 2011; 2(3): Article 3
93. Shinyi Wu, Deborah Cohen, **Yuyan Shi**, Marjorie Pearson, Roland Sturm. Economic Analysis of Physical Activity Interventions. *American Journal of Preventive Medicine* 2011; 40(2): 149-58
94. Carmen Carpio, Willy De Geyndt, Zuhra Shaabdullaeva, Shiyao Chao, **Yuyan Shi**. The Growing Burden of Non Communicable Diseases in the Eastern Caribbean. *World Bank Report No. 62066-LAC*, 2011. World Bank News Release.
95. **Yuyan Shi**, Carmen Carpio, Willy De Geyndt, Zuhra Shaabdullaeva, Shiyao Chao. Non-Communicable Diseases in Jamaica: Moving from Prescription to Prevention. *World Bank Report No. 62065-JM*, 2011. World Bank Press Release No: 2012/159/LAC
96. **Yuyan Shi***. Protection Policy of China's Agriculture after the Entry into WTO. *Economic Review* 2003; (1): 32-34. (In Chinese)

Non-Peer Reviewed Publications

- Matthew D. Stone, Brian Q. Dang, Karen Messer, Sara B. McMenamin, **Yuyan Shi**, Sara W. Yoeun, Sheila Kealey, Thet Nwe Myo Khin, Eric C. Leas, Tarik Benmarhnia, John P. Pierce, Dennis R. Trinidad. Prop 56 Biennial Report: 2025. San Diego, CA: University of California, San Diego. 2025
- Matthew D. Stone, Sara W. Yoeun, Sara B. McMenamin, **Yuyan Shi**, Brian Q. Dang, Sheila Kealey, Thet Nwe Myo Khin, Eric C. Leas, Tarik Benmarhnia, Karen Messer, John P. Pierce, Dennis R. Trinidad. Prop 56 Biennial Report: 2023. San Diego, CA: University of California, San Diego. 2023

Conference Abstracts: Oral Presentations

- 90th Annual Meeting of Midwest Economics Association. "Standardizing Recreational Cannabis Excise Tax Rates in the United States: New Retail Price-based Measurements by Product Category". March 2026, Chicago, IL.
- 2026 American Economic Association Annual Conference. "Allowance of Storefront Recreational Cannabis Retailers and Cannabis-related Healthcare Encounters: A Local-level Spatial Difference-in-differences Analysis in California". January 2026, Philadelphia PA.

47th Annual Research Conference of the Association for Public Policy Analysis and Management. “Estimating the Price Elasticity of Cannabis Use among U.S. Adolescents: Evidence from States with Recreational Cannabis Commercialization” November 2025, Seattle WA.

2025 Annual Conference of the American Society of Health Economists. “Allowance of Storefront Recreational Cannabis Retailers and Cannabis-Related Healthcare Encounters: A Local-Level Spatial Difference-in-Differences Analysis in California, United States”. June 2025, Nashville, TN.

89th Annual Meeting of Midwest Economics Association. “Estimating price elasticity of cannabis use among U.S. adolescents: Evidence from states with recreational cannabis commercialization”. March 2025, Kansas City, MI.

2024 Annual Conference of the American Society of Health Economists. “The Impacts of Packaging on Preferences for Cannabis Edibles: A Discrete Choice Experiment”. June 2024, San Diego, CA.

2024 Annual Conference of the American Society of Health Economists. “Preferences for Legal and Illegal Cannabis Purchase Sources: A Discrete Choice Experiment”. June 2024, San Diego, CA.

2024 Annual Conference of the American Society of Health Economists. “Price Elasticity of Demand for Cannabis among U.S. Adults Following Recreational Cannabis Commercialization”. June 2024, San Diego, CA.

87th Annual Meeting of Midwest Economics Association. “Price Elasticity of Demand for Cannabis among U.S. Adults Following Recreational Cannabis Commercialization”. March 2023, Chicago, IL.

87th Annual Meeting of Midwest Economics Association. “The Impacts of Packaging on Preferences for Cannabis Edibles: A Discrete Choice Experiment”. March 2023, Cleveland, OH.

87th Annual Meeting of Midwest Economics Association. “The Association between Recreational Cannabis Commercialization and Cannabis-related Healthcare Encounters at Local Level: A Spatial Difference-in-Differences Analysis in California, United States”. March 2023, Cleveland, OH.

2022 Annual Conference of the American Society of Health Economists. “Parental Preferences for COVID-19 Vaccines for Children in the U.S.”. June 2022, Austin, TX.

2019 Annual Conference of the American Society of Health Economists. “Preferences for Marijuana Dried Flowers and Concentrates: Evidence from a Discrete Choice Experiment”. June 2019, Washington DC.

2019 Annual Conference of the American Society of Health Economists. “Behavioral Economic Substitution between Marijuana Dried Flowers and Concentrates: Evidence from a Simulated Purchase Task”. June 2019, Washington DC.

13th Annual Conference of the International Society for the Study of Drug Policy. “The Associations between Recreational Cannabis Commercialization and Cannabis Exposures Reported to the US National Poison Data System, 2010-2017”. May 2019, Paris, France.

40th Annual Fall Research Conference of the Association for Public Policy Analysis & Management. “The Impacts of Potency, Warning Messages, and Price on Preferences for Cannabis Products”. November 2018, Washington DC.

2018 Annual Conference of the American Society of Health Economists. “The Impacts of Potency, Warning Messages, and Price on Preferences for Marijuana Products”. June 2018, Atlanta, GA.

80th Annual Scientific Meeting of the College on Problems of Drug Dependence. “Marijuana Legalization and Abuse and Overdose of Opioid Analgesics”. June 2018, San Diego, CA.

12th Annual Conference of the International Society for the Study of Drug Policy. “The Impacts of Potency, Warning Messages, and Price on Preferences for Cannabis Products”. May 2018, Vancouver, Canada.

2017 AcademyHealth Annual Research Meeting. “Medical Marijuana Policies and Hospitalizations Related to Marijuana and Opioid”. June 2017, New Orleans, LA.

- 144th *American Public Health Association Annual Meeting*. “Availability of Medical Marijuana Dispensary and Adolescent Marijuana Use”. October 2016, Denver, CO.
- 2016 *Biennial Conference of the American Society of Health Economists*. “Impacts of Medical Marijuana Policies on Initiation of Marijuana Use: Evidence from National Longitudinal Surveys of Youth 1997”. June 2016, Philadelphia, PA.
- 22nd *Society for Research on Nicotine and Tobacco Annual Meeting*. “Use of Electronic Cigarettes in Smoke-free Environment”. March 2016, Chicago, IL.
- 16th *American Academy of Health Behavior Annual Scientific Meeting*. “Impacts of Medical Marijuana Policies on Initiation of Marijuana Use: Evidence from National Longitudinal Surveys of Youth 1997”. February 2016, Ponte Vedra Beach, FL.
- 21st *Society for Research on Nicotine and Tobacco Annual Meeting*. “Cigarette Smoking Cessation among US Smokers Who Also Use Smokeless Tobacco”. February 2015, Philadelphia, PA.
- 142nd *American Public Health Association Annual Meeting*. “Impacts of State Medical Marijuana Laws on Marijuana Use, Perceived Access, and Social Norms”. October 2014, New Orleans, LA
- 10th *International Conference on Occupational Stress and Health (American Psychological Association)*. “Productivity Impairment Associated with Health and Non-Health Well-being Risks: A Longitudinal Study”. May 2013, Los Angeles, CA
- 2010 *World Bank Research Group Seminar Series*. “Valuing Development Projects with Multi-Dimensional Benefits: A Case of Non-Motorized Transport Project in Pune, India”. December 2010, World Bank, Washington DC.
- 2010 *World Bank Mission Presentation to Jamaica Ministry of Health*. “Combating Non-Communicable Disease: The Case of Jamaica”. October 2010, Kingston, Jamaica
- 137th *American Public Health Association Annual Meeting*. “Cost-effectiveness of Physical Activity Interventions – Analysis from a Systematic Review”. November 2009, Philadelphia, PA
- 7th *International Conference on Diet and Physical Activity*. “How Does Measurement Method Matter in Evaluating Physical Activity Promotion Interventions? A systematic review and meta-analysis”. May 2009, Washington DC.
- RAND Corporation Seminar Series*. “Economic and Health Determinants of Retirement Behavior”. July 2008, RAND Corporation, Santa Monica, CA
- RAND Corporation Board Meeting*. “New Engines and Fuels”. March 2007, RAND Corporation, Santa Monica, CA

Conference Abstracts: Poster Presentations

- TRDRP Joining Forces 2020*. “The Association between Marijuana Point-of-sale Marketing and Adolescents’ Marijuana Use”. June 2020, Palm Desert, CA. (canceled due to COVID-19)
- TRDRP Joining Forces 2020*. “Proximity and Marketing of Vape Shops and Adolescents’ E-cigarette Use”. June 2020, Palm Desert, CA. (canceled due to COVID-19)
- 25th *Society for Research on Nicotine and Tobacco Annual Meeting*. “Trends in the Dual Epidemics of Lung Cancer and Smoking, California Compared to the Rest of the United States”. February 2019, San Francisco, CA.
- 2019 *North American Cannabis Summit*. “Impacts of Point-of-Sale Marijuana Marketing on Adolescent Marijuana Use”. January 2019. Los Angeles, CA.
- 80th *Annual Scientific Meeting of the College on Problems of Drug Dependence*. “The Associations of Neighborhood Availability of Marijuana Dispensaries and Buprenorphine Treatment Practitioners with Hospital Stays Related to Opioid Analgesics”. June 2018, San Diego, CA.

- 24th *Society for Research on Nicotine and Tobacco Annual Meeting*. “Receptivity to Tobacco Advertising at Wave 1 and Progression to Tobacco Use at Wave 2 in Youth and Young Adults in the PATH Study”. February 2018, Baltimore, MD.
- 24th *Society for Research on Nicotine and Tobacco Annual Meeting*. Susceptibility to Tobacco Product Use among Youth in Wave 1 of the Population Assessment of Tobacco and Health (PATH) Study. February 2018, Baltimore, MD.
- 24th *Society for Research on Nicotine and Tobacco Annual Meeting*. “Youth Perceptions of Harm and Addictiveness of Cigarette and Non-Cigarette Tobacco Products: Descriptive Findings from Wave 1 (2013-2014) of the Population Assessment of Tobacco and Health Study”. February 2018, Baltimore, MD.
- 16th *American Academy of Health Behavior Annual Scientific Meeting*. “Cannabis Liberalization and Adolescent Cannabis Use: A Cross-national Study in 38 Countries”. February 2016, Ponte Vedra Beach, FL.
- 2015 *Tobacco-Related Disease Research Program (TRDRP) annual conference*. “E-cigarette Use, Smoking Cessation and Change in Smoking Intensity in the 2010/2011 TUS-CPS Longitudinal Cohort”. October 2015, Sacramento, CA.
- UC San Diego Annual Public Health Research Day*. “E-cigarette Use, Smoking Cessation and Change in Smoking Intensity in the 2010/2011 TUS-CPS Longitudinal Cohort”. April 2015, La Jolla, CA.
- 21st *Society for Research on Nicotine and Tobacco Annual Meeting*. “E-cigarette Use, Smoking Cessation and Change in Smoking Intensity in the 2010/2011 TUS-CPS Longitudinal Cohort”. February 2015, Philadelphia, PA.
- 2014 *AcademyHealth Annual Research Meeting*. “Estimating Patient Willingness-To-Pay for Type 2 Diabetes Treatment in China”. June 2014, San Diego, CA
- 20th *Society for Research on Nicotine and Tobacco Annual Meeting*. “Increasing Disparity in Smoking Prevalence by Income and Education While Paralleled Reduction in Cigarettes Consumption, 1997-2012”. February 2014, Seattle, WA
- 20th *Society for Research on Nicotine and Tobacco Annual Meeting*. “Smoking Cessation among People Seeking Mental Health Treatment”. February 2014, Seattle, WA

INVITED TALKS

- Health Policy and Management Research Seminar, Tulane University. March 2026, Virtual.
- Institute for Addiction Science Health Policy Research Program, University of Southern California. December 2024, Virtual.
- Information Gathering Session 3 for the Committee on the Public Health Consequences of Changes in the Cannabis Policy Landscape, National Academies of Sciences, Engineering and Medicine. January 2024, Virtual.
- California High Potency THC Think Tank Meeting, California Department of Public Health and California Department of Cannabis Control. September 2023, Virtual.
- Drug Policy Research Center, RAND Corporation. August 2023, Santa Monica, CA.
- California Cannabis Research Briefing, California Department of Public Health, California Department of Cannabis Control, and University of California. April 2023, Davis, CA.
- Rady Children’s Hospital Summer Grand Rounds. August 2019, San Diego, CA.
- Health Science Faculty Council Meeting, University of California San Diego. May 2019, San Diego, CA
- Drug Policy Alliance. August, 2018, Webinar.
- Center for Medicinal Cannabis Research, University of California. June 2018, San Diego, CA.
- Center of Excellence in Tobacco Control, University of California San Diego. April 2018, San Diego, CA.

Drug Policy Research Center, RAND Corporation. March 2018, Santa Monica, CA.
 Center for Medicinal Cannabis Research, University of California San Diego. Oct 2017, San Diego, CA.
 Public Health Grand Rounds, University of California San Diego. July 2016, San Diego, CA.
 Management, Organization and Policy Transformation Research Cluster of Excellence, School of Social Work,
 University of Southern California. February 2016, Los Angeles, CA.
 Management, Organization and Policy Transformation Research Cluster of Excellence, School of Social Work,
 University of Southern California. February 2016, Los Angeles, CA.
 Center of Excellence in Tobacco Control, University of California San Diego. January 2015, San Diego, CA.
 Center for Health Policy Research, University of California Los Angeles. Oct 2013, Los Angeles, CA.
 5th Peking University Bio-Net Conference. July 2013, San Diego, CA
 Department of Family and Preventive Medicine, University of California San Diego. Sep 2012, San Diego, CA.
 School of Public Health, University of Illinois at Chicago. September 2012, Chicago, IL.
 Allergan. Inc. June 2011, Irvine, CA.

PROFESSIONAL ACTIVITIES

Grant Review

Ad-hoc Reviewer	June 2025, NIH SSPB Study Section February 2025, NIH SSPA Study Section March 2024, NSF DRMS Program Dissertation Award Review March 2024, NIH ZRG1 SCIL-R 02 Special Emphasis Panel February 2023, NIH ZRG1 HSS-E (56) R Special Emphasis Panel July 2022, NIH ZDA1 SXC-G (07) S Special Emphasis Panel June 2022, NIH CIHB Study Section October 2021, NIH BGES Study Section October 2021, NIH ZRG1 PSE-F (60) C Special Emphasis Panel September 2020, NIH CIHB Study Section July 2020, NIH ZDA1 SXM-M (09) S Special Emphasis Panel March 2020, NIH ZDA1 SXM-M (24) S Special Emphasis Panel November 2019, NIH ZRG1 HDM-C (05) M Special Emphasis Panel February 2019, NIH SSPB Study Section June 2018, NIH ZDA1 HXO-H (13) S Special Emphasis Panel March 2018, NIH ZRG1 PSE W55 Special Emphasis Panel June 2017, NIH ZRG1 PSE W55 Special Emphasis Panel
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Editorial Activities

Editorial Board	2023-present, International Journal of Drug Policy (Member) 2017-2018, PLOS One (Academic Editor)
Ad-hoc Reviewer: journals	Addiction, Addictive Behaviors, Addictive Behaviors Report, American Journal of Epidemiology, American Journal of Lifestyle Medicine, American Journal of Public Health, American Journal of Preventive Medicine, American Journal on Addictions, Applied Health Economics and Health Policy, BMC Health Services Research, BMC Public Health, BMJ Open, BMC Psychiatry, BMJ, Disability and Health Journal, Drug and Alcohol Dependence, Drug and Alcohol Review, European Journal of Clinical Nutrition, Health Affairs, Health Economics, Health and Place, Health Services Research, International Journal of Drug Policy,

International Journal of Environmental Research and Public Health, International Journal of Geriatric Psychiatry, International Journal of Obesity, JAMA Network Open, Journal of Occupational and Environmental Medicine, Journal of Policy Analysis and Management, Journal of Public Policy and Marketing, Journal of Studies on Alcohol and Drugs, Journal of Substance Abuse Treatment, Journal of Urban Health, Mayo Clinic Proceedings, Nicotine & Tobacco Research, Nutrients, Nutrition Research, Pediatrics, PLOS One, Population Health Management, Preventing Chronic Disease, Preventive Medicine, Rural and Remote Health, Substance Use and Misuse, Tobacco Control, Tobacco Induced Diseases, Value in Health

Ad-hoc Reviewer: 2014-2019 American Public Health Association Annual Meeting and Exposition, conference abstracts 2016 American Academy of Health Behavior Annual Scientific Meeting, 2014-2021 Society of Behavioral Medicine Annual Meeting and Scientific Sessions, 2019 North American Cannabis Summit, 2017-2026 American Society of Health Economists Annual Conference, 2021 Society for Research on Nicotine and Tobacco Annual Meeting, 2023 AcademyHealth Annual Research Meeting

Scientific Conference Leadership

2019 Planning committee member, *2019 North American Cannabis Summit*

Teaching

2023-present *FMPH440 Health Economics*, Instructor, Master in Public Health, University of California San Diego.
 2022-2023 *FMPH191 Health Economics*, Instructor, Bachelor of Science in Public Health, University of California San Diego.
 2014-2019 *FMPH120 Health Policies for Healthy Lifestyles*, Instructor, Bachelor of Science in Public Health, University of California San Diego.
 2014-present *FMPH199 Independent Study*, Instructor, Bachelor of Science in Public Health, University of California San Diego.
 2013-2016 *FMPH40 Introduction to Public Health*, Guest Lecturer, Bachelor of Science in Public Health, University of California San Diego.
 2013 *FPM290 Health Policy for Health Behavior Change*, Instructor, UCSD-SDSU Joint Doctoral Program in Public Health.

Mentee Advisory

Project Scientist

2026-present Bing Han, University of California San Diego. PhD in Economics at Clark University.
 2026-present Michael T. Cooper, University of California San Diego. PhD in Economics at University of California Santa Barbara.

Postdoctoral Researcher

2023-2025 Jin Xing, University of California San Diego. PhD in Economics at Tulane University.
 2021-2026 Bing Han, University of California San Diego. PhD in Economics at Clark University.
 2021-2026 Michael T. Cooper, University of California San Diego. PhD in Economics at University of California Santa Barbara.

2021-2022	Thadchaigeni Panchalingam, University of California San Diego. PhD in Agricultural, Environmental, and Development Economics at Ohio State University. Currently at Abbott Laboratories.
2020-2023	Christian Gunadi, University of California San Diego. PhD in Economics at University of California Riverside.
2020-2021	Yanjia Cao, University of California San Diego. PhD in Geography at University of Maryland-College Park.
2019-2020	Bin Zhu, University of California San Diego. PhD in Public Policy at Xi'an Jiaotong University, China and City University of Hong Kong. Currently Assistant Professor at School of Public Health in Southern University of Science and Technology, China.
2018-2019	(NIH diversity supplement co-mentor) Alejandra M. Infante, University of California San Diego. PhD in Clinical Psychology at University of California San Diego. Currently Staff Psychologist at US Department of Veterans Affairs.
2018-2021	Yiwen Cao, University of California San Diego. PhD in Social Work at Ohio State University.
2017-2019	Di Liang, University of California San Diego. PhD in Health Policy and Management at University of California Los Angeles. Currently Associate Professor of Health Policy at FuDan University, China.
<i>PhD Student</i>	
2025-2028	(Advisory committee member) Yingqi Zhu, TRDRP Predoctoral Fellowship.
2023-2024	(External advisor) Ishita Ghai, Public Policy, PARDEE RAND Graduate School.
2021-2023	(Dissertation committee member) Osika Tripathi, Epidemiology in UCSD-SDSU Joint Doctoral Program.
2014-2017	(Dissertation committee member) Jennie Kempster, Public Health in UCSD-SDSU Joint Doctoral Program.
<i>Master Student</i>	
2022-2023	(Thesis committee member) Gino Acevedo, Master in Public Health, University of California San Diego.
2021	(Mentor) Harji Charaia, Master in Health Administration, University of Southern California.
2019	(Capstone mentor) Shelton Lo, Master in Public Health, University of California San Diego. Currently PhD student in Population Health Sciences at Harvard University.
2018-2020	(Thesis committee chair) Angelina Carrillo, Master in Public Health, University of California San Diego. Currently Immunization Evaluation Specialist at University of California San Diego Health System.
2018	(Mentor) Huiying Guo, Master in Economics, Duke University. Currently PhD student in Health Policy and Management at University of California Los Angeles.
<i>Training Program</i>	
2022-2024	Smoke and Vape Free Scholars Program for Reducing Tobacco Disease in Diverse Communities (PIs: Dennis Trinidad, Kim Pulvers, and Richard Armenta), California State University San Marcos and University of California San Diego
2021	Health Science Grant Writing Course on Population and Behavioral Health, University of California San Diego
2021-2025	T32 Training Program in Substance Use, HIV and Related Infections (PIs: Natasha Martin and Steffanie Strathdee), University of California San Diego

2018-2020 T32 Training Program in Cardiovascular Epidemiology (PI: Matthew Allison),
University of California San Diego

Departmental & University Service

2024-present Committee member, PhD in Public Health program with concentration in Health Services Research and Implementation Science, University of California San Diego

2023-2024 Faculty Search (School of Public Health and School of Management joint recruitment)
Committee member, University of California San Diego

2021-present Faculty Search (Health Policy, School of Public Health) Committee member,
University of California San Diego

2021-2023 Herbert Wertheim School of Public Health and Human Longevity Science
representative to the Academic Senate, University of California San Diego

2020-2023 Admissions Committee member, Master of Public Health program, University of
California San Diego

2015-2017 Institute for Public Health Planning Committee member, University of California San
Diego

2015-2021 Curriculum Committee member, Bachelor of Science in Public Health program,
University of California San Diego

2015-2018 Accreditation Committee co-leader, Bachelor of Science in Public Health program,
University of California San Diego

2013-2022 Steering Committee member, Bachelor of Science in Public Health program,
University of California San Diego

HONOR AND AWARDS

2016, 2018 Academic Senate Travel Award for Scientific Conference, University of California San
Diego

2003, 2004 Graduate Student Award, Tsinghua University, China

2000, 2001 Outstanding Student Award, Peking University, China

LANGUAGES

English, Chinese (Native)