

# Yuyan Shi, PhD

Department of Family Medicine and Public Health

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[Personal Website](#), [Google scholar](#), [NCBI mybibliography](#)

## RESEARCH AREAS

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Primary fields	Health economics; health policy
Secondary fields	Drug use and abuse (marijuana, tobacco, opioids, benzodiazepines, alcohol, heroin, etc.); behavioral economics; health services; economic evaluation
Research topics	Marijuana legalization Tobacco control with focus on novel tobacco products Prescription opioid control policies Retail outlets and drug abuse Behavioral experiments of drug use Point-of-sale and social media marketing of drugs Epidemiology of drug abuse in vulnerable population

## EDUCATION

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

## EMPLOYMENT

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2019-	<b>Associate Professor with Tenure</b> , Department of Family Medicine and Public Health, University of California San Diego, CA
2013-2019	<b>Tenure-track Assistant Professor</b> , Department of Family Medicine and Public Health, University of California San Diego, CA
2011-2013	<b>Health Economist</b> , Healthways. Inc. Franklin, TN
2010-2011	<b>Consultant</b> , the World Bank Group. Washington D.C.

2005-2009

Assistant Policy Analyst, RAND Corporation. Santa Monica, CA

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

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**Ongoing**

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 (\$TBD)

Role: Co-Investigator

2018-2021      Title: 27IR-0014 (High Impact Research Project Award), Marijuana Dispensaries and Adolescents' Use of Marijuana and Tobacco

Funding Agency: TRDRP (\$882,154)

Role: Principal Investigator

2018-2022      Title: R01HL136407, HL-132: Increasing Adherence to Guideline-Based Exercise Therapy for Chronic Heart Failure (PI: Paul Mills)

Funding Agency: NIH/NHLBI (\$3,800,000)

Role: Co-Investigator

2017-2020      Title: R01DA042290, Neighborhood Physical, Economic, and Socioeconomic Environment in Relation to Marijuana Use and Disorder

Funding Agency: NIH/NIDA (\$2,372,885)

Role: Principal Investigator

**Completed**

2019-2020      Title: 27IR-0014 (Student Supplement Research Award), Marijuana Dispensaries and Adolescents' Use of Marijuana and Tobacco (Mentee: Angelina S. Carrillo)

Funding Agency: TRDRP (\$20,000)

Role: Principal Investigator

2014-2019      Title: R01HL125405, Peer Empowerment Program for Physical Activity in Low Income & Minority Seniors (PI: Jacqueline Kerr/Loki Natarajan)

Funding agency: NIH/NHLBI (\$3,946,518)

Role: Co-Investigator

2016-2019      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 (\$893,933)

Role: Co-Investigator

2015-2017      Title: 24RT-0036 (High Impact Research Project Award), Population Studies of New Tobacco Products and Cigarettes (PI: Karen Messer)

Funding agency: TRDRP (\$421,403)

- 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 (\$714,832)  
Role: Co-Investigator
- 2015-2016 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)  
Role: Principal Investigator
- 2016 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 (\$61,992)  
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 (\$9,755)  
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**

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### **Research Articles** (\*Corresponding Author)

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 (accepted)

- 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 (accepted)
- 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 (accepted)
- 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* 2020; doi.org/10.1016/j.drugpo.2020.102793
- Yuyan Shi\***, Di Liang. The Association between Recreational Cannabis Commercialization and Cannabis Exposures Reported to the US National Poison Data System. *Addiction* 2020; doi:10.1111/add.15019
- 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
- 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
- Di Liang, Huiying Guo, **Yuyan Shi\***. Mandatory Use of Prescription Drug Monitoring Program and Benzodiazepine Prescribing among U.S. Medicaid Enrollees. *Substance Abuse* 2019; doi: 10.1080/08897077.2019.1686722
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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

- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- Yuyan Shi\***. Medical Marijuana Policies and Hospitalizations Related to Marijuana and Opioid Pain Reliever. *Drug and Alcohol Dependence* 2017; 173: 144-150

- 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
- Yuyan Shi**, Sharon Cummins, Shu-hong Zhu. Use of Electronic Cigarettes in Smoke-free Environments. *Tobacco Control* 2017; 26(e1): e19-e22
- 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
- Yuyan Shi\***. The Availability of Medical Marijuana Dispensary and Adolescent Marijuana Use. *Preventive Medicine* 2016; 91: 1-7
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- 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
- Yuyan Shi\***. Smoking Cessation among People Seeking Mental Health Treatment. *Psychiatric Services* 2014; 65(7): 957-60
- Yuyan Shi\***, Sheng Zhong. From Genomes to Societies: A Holistic View of Determinants of Human Health. *Current Opinion of Biotechnology* 2014; 28: 134-42
- 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
- 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
- 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

- 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
- 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
- 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
- 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
- Carmen Carpio, Willy De Geyndt, Zukhra 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.
- Yuyan Shi**, Carmen Carpio, Willy De Geyndt, Zukhra 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
- Yuyan Shi\***. Protection Policy of China's Agriculture after the Entry into WTO. *Economic Review* 2003; (1): 32-34. (In Chinese)

### **Conference Abstracts: Oral Presentations**

- 8<sup>th</sup> 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.
- 8<sup>th</sup> 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.
- 13<sup>th</sup> 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.
- 40<sup>th</sup> 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". Nov 2018, Washington DC.
- 7<sup>th</sup> 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.
- 80<sup>th</sup> 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.
- 12<sup>th</sup> 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.
- 144<sup>th</sup> American Public Health Association Annual Meeting. "Availability of Medical Marijuana Dispensary and Adolescent Marijuana Use". Oct 2016, Denver, CO.

- 6<sup>th</sup> *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.
- 22<sup>nd</sup> *Society for Research on Nicotine and Tobacco Annual Meeting*. “Use of Electronic Cigarettes in Smoke-free Environment”. Mar 2016, Chicago, IL.
- 16<sup>th</sup> *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”. Feb 2016, Ponte Vedra Beach, FL.
- 21<sup>st</sup> *Society for Research on Nicotine and Tobacco Annual Meeting*. “Cigarette Smoking Cessation among US Smokers Who Also Use Smokeless Tobacco”. Feb 2015, Philadelphia, PA.
- 142<sup>nd</sup> *American Public Health Association Annual Meeting*. “Impacts of State Medical Marijuana Laws on Marijuana Use, Perceived Access, and Social Norms”. Oct 2014, New Orleans, LA
- 10<sup>th</sup> *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”. Dec 2010, World Bank, Washington DC.
- 2010 *World Bank Mission Presentation to Jamaica Ministry of Health*. “Combating Non-Communicable Disease: The Case of Jamaica”. Oct 2010, Kingston, Jamaica
- 137<sup>th</sup> *American Public Health Association Annual Meeting*. “Cost-effectiveness of Physical Activity Interventions – Analysis from a Systematic Review”. Nov 2009, Philadelphia, PA
- 7<sup>th</sup> *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)
- 25<sup>th</sup> *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”. Feb 2019, San Francisco, CA.
- 2019 *North American Cannabis Summit*. “Impacts of Point-of-Sale Marijuana Marketing on Adolescent Marijuana Use”. Jan 2019. Los Angeles, CA.



- 80<sup>th</sup> *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.
- 24<sup>th</sup> *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”. Feb 2018, Baltimore, MD.
- 24<sup>th</sup> *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. Feb 2018, Baltimore, MD.
- 24<sup>th</sup> *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”. Feb 2018, Baltimore, MD.
- 16<sup>th</sup> *American Academy of Health Behavior Annual Scientific Meeting*. “Cannabis Liberalization and Adolescent Cannabis Use: A Cross-national Study in 38 Countries”. Feb 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”. Oct 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.
- 21<sup>st</sup> *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”. Feb 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
- 20<sup>th</sup> *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”. Feb 2014, Seattle, WA
- 20<sup>th</sup> *Society for Research on Nicotine and Tobacco Annual Meeting*. “Smoking Cessation among People Seeking Mental Health Treatment”. Feb 2014, Seattle, WA

## **INVITED TALKS**

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- 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. Feb 2016, Los Angeles, CA.

Management, Organization and Policy Transformation Research Cluster of Excellence, School of Social Work, University of Southern California. Feb 2016, Los Angeles, CA.

Center of Excellence in Tobacco Control, University of California San Diego. Jan 2015, San Diego, CA.

Center for Health Policy Research, University of California Los Angeles. Oct 2013, Los Angeles, CA.

5<sup>th</sup> 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. Sep 2012, Chicago, IL.

Allergan. Inc. June 2011, Irvine, CA.

## PROFESSIONAL ACTIVITIES

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### Grant Review

Ad-hoc Reviewer	Sep 2020, NIH CIHB Study Section July 2020, NIH ZDA1 SXM-M (09) S Special Emphasis Panel Mar 2020, NIH ZDA1 SXM-M (24) S Special Emphasis Panel Nov 2019, NIH ZRG1 HDM-C (05) M Special Emphasis Panel Feb 2019, NIH SSPB B Study Section June 2018, NIH ZDA1 HXO-H (13) S Special Emphasis Panel Mar 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	2017-2018 PLOS One (Academic Editor)
Ad-hoc Reviewer journals	Addiction, Addictive Behaviors, 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, Disability and Health Journal, Drug and Alcohol Dependence, Drug and Alcohol Review, European Journal of Clinical Nutrition, Health Affairs, International Journal of Drug Policy, International Journal of Environmental Research and Public Health, International Journal of Geriatric Psychiatry, International Journal of Obesity, Journal of Occupational and Environmental Medicine, Journal of Policy Analysis and Management, Journal of Substance Abuse Treatment, Journal of Urban Health, 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, and Value in Health.
Ad-hoc Reviewer conference abstracts	2014-2019 American Public Health Association Annual Meeting and Exposition, 2016 American Academy of Health Behavior Annual Scientific Meeting, 2014-2020 Society of Behavioral Medicine Annual Meeting and Scientific Sessions, 2019 North American Cannabis Summit, 2017-2019 American Society of Health Economists

Annual Conference, 2021 Society for Research on Nicotine and Tobacco Annual Meeting.

### **Professional Organization Membership**

2012-present	AcademyHealth
2015-present	American Academy of Health Behavior (full member)
2012-present	American Public Health Association
2013-present	American Society of Health Economics
2013-present	Center of Excellence in Tobacco Research, University of California San Diego
2015-present	Chinese Economists Society
2015-present	Institute for Public Health, University of California San Diego
2014-present	International Society for the Study of Drug Policy
2013-2014	Society for Occupational Health Psychology
2014-present	Society for Research on Nicotine and Tobacco

### **Scientific Conference Leadership**

2019	Planning committee member for the <i>2019 North American Cannabis Summit</i>
2018	Session chair for <i>the 7<sup>th</sup> Annual Conference of the American Society of Health Economists</i>

### **Teaching**

2014-present	<i>FMPH 120 Health Policies for Healthy Lifestyles</i> , Instructor, Bachelor of Science in Public Health, University of California San Diego. Enrollment: 50-130 undergraduate students
2014-present	<i>FMPH 199 Independent Study</i> , Instructor, Bachelor of Science in Public Health, University of California San Diego. Enrollment: 1-2/year
2013-2016	<i>FMPH 40 Introduction to Public Health</i> , Guest Lecturer, Bachelor of Science in Public Health, University of California San Diego. Enrollment: 160-220 undergraduate students
2013	<i>FPM 290 Health Policy for Health Behavior Change</i> , Instructor, UCSD-SDSU Joint Doctoral Program in Public Health. Enrollment: 5-10 Ph.D. students

### **Mentee Advisory**

2019	Shelton Lo. Master student in Public Health, University of California San Diego. Currently prospective PhD student in Population Health Sciences at Harvard University. (Role: mentor and practicum adviser)
2019	Jinghao Jia. Undergraduate student in Computer Science, University of California San Diego. (Role: mentor)
2019-2020	Bin Zhu. Post-doctoral research associate, University of California San Diego. Formerly obtained PhD in Public Policy at Xi'an Jiaotong University, China and City University of Hong Kong. (Role: mentor)

2018-2019	Alejandra M. Infante. Post-doctoral research associate, University of California San Diego. Formerly obtained PhD in Clinical Psychology from UCSD-SDSU Joint Doctoral Program. (Role: co-mentor)
2018-2020	Angelina Carrillo. Master student in Public Health, University of California San Diego. Formerly obtained Bachelor degree in Public Health at University of California San Diego. Currently Specialist at Social Advocates for Youth. (Role: mentor and thesis committee chair)
2018-2019	Yiwen Li. Undergraduate student in Statistics and Math, University of California San Diego. Currently Business Analyst at IBM Watson. (Role: mentor)
2018	Huiying Guo. Master student in Economics, Duke University. Currently PhD student in Health Policy and Management at University of California Los Angeles. (Role: mentor)
2018-present	Yiwen Cao, PhD. Post-doctoral research associate, University of California San Diego. Formerly obtained PhD in Social Work at Ohio State University. (Role: mentor)
2017-2019	Di Liang, PhD. Post-doctoral research associate, University of California San Diego. Formerly obtained PhD in Health Policy and Management at University of California Los Angeles. Currently Assistant Professor of Health Policy at FuDan University, China (Role: mentor)
2016	Sumin Wang. Undergraduate student in Management and Earth, University of California San Diego. Currently Consultant at Energy and Environmental Economics. (Role: mentor)
2015	James Lui. Undergraduate student in Public Health, University of California San Diego. Currently master student in Health Systems and Public Policy at University of Edinburgh. (Role: independent study faculty advisor)
2015	Kathy Yang. Undergraduate student in Public Health, University of California San Diego. Currently master student in Occupational Therapy at Washington University School of Medicine. (Role: independent study faculty advisor)
2014-2017	Jennie Kempster. Received PhD in Public Health from UCSD-SDSU Joint Doctoral Program. (Role: dissertation committee member)

### **Departmental & University Service**

2015-2017	Member of Institute for Public Health planning committee, University of California San Diego
2015-present	Curriculum committee member for Bachelor of Science in Public Health program, University of California San Diego
2015-2018	Accreditation committee co-leader for Bachelor of Science in Public Health program, University of California San Diego
2013-present	Steering committee member for 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
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2003, 2004 Graduate Student Award, Tsinghua University, China  
2000, 2001 Outstanding Student Award, Peking University, China

## **LANGUAGES**

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English, Chinese (Native)