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EDUCATION

- Harvard T.H. Chan School of Public Health**
2018 *Doctor of Science, Quantitative Methods & Social Epidemiology*
Department of Social and Behavioral Sciences
- New York University**
2010 *Master of Public Health, International Health*
- San Diego State University**
2007 *Bachelor of Arts, Sociology (Social Inequalities)*

EXPERIENCE

- Sep 2018 – current **Stanford University School of Medicine**
Postdoctoral Research Fellow, Center for Population Health Sciences
- Jul 2014 – Jun 2018 **Harvard T.H. Chan School of Public Health**
Research Assistant (part-time), Department of Biostatistics
Sep 2012 – Mar 2015 *Research Assistant (part-time), Department of Social and Behavioral Sciences*
Jul 2010 – Sep 2012 *Project Manager / Research Assistant, Department of Health Policy and Management*
- May 2016 – Aug 2016 **University of Chicago Harris School of Public Policy**
Data Science for Social Good Fellow, Center for Data Science and Public Policy
- Jun 2008 – Jul 2010 **Center for Health, Identity, Behavior, and Prevention Studies**
Graduate Research Intern (part-time), Professor Perry Halkitis
- Nov 2009 – Jul 2010 **New York University Wagner School of Public Service**
Research Assistant (part-time), Professor Karen Grépin

TEACHING

- Spring 2017 & Spring 2018 **Harvard T.H. Chan School of Public Health**
Teaching Assistant, Dynamics of Infectious Disease, Professor Caroline Buckee
Oct 2016 & Jan 2018 *Course Developer, Using Python for Research via HarvardX, Professor JP Onnela*
Fall 2013 *Teaching Assistant, Society and Health, Professor Ichiro Kawachi*
- Mar 2017 **Instituto Tecnológico Autónomo de México**
Instructor, Introduction to Causal Inference for Data Science Workshop =
- Spring 2010 **New York University**
Course Assistant, Biostatistics II, Professor Ying Lu
Fall 2009 *Course Assistant, Statistics I, Professor Robert Norman*

PEER-REVIEWED PUBLICATIONS

1. Alexander MJ[†], **Kiang MV**[†], & Barbieri M, Trends in black and white opioid mortality in the United States, *Epidemiology* (September 2018), doi: 10.1097/EDE.0000000000000858. [†]Authors contributed equally.
2. Kishore N, Marques-Reyes D, Mahmud A, **Kiang MV**, Rodriguez I, Fuller A, Ebner P, Sorensen C, Racy F, Lemery J, Maas L, Leaning J, Irizarry RA, Balsari S[†], & Buckee CO[†], Mortality in Puerto Rico after Hurricane Maria, *New England Journal of Medicine* (May 2018), doi: 10.1056/NEJMs1803972. [†]Authors contributed equally.
3. Vable AM, **Kiang MV**, Basu S, Rudolph KE, Kawachi I, Subramanian SV, & Glymour MM, Military service, childhood socioeconomic status, and late life lung function: Korean War era military service is associated with smaller disparities, *Military Medicine* (March 2018), doi: 10.1093/milmed/usx196
4. Torous J, **Kiang MV**, Lorme J, & Onnela JP, New tools for new research in psychiatry: A scalable and customizable platform to empower data driven smartphone research, *JMIR — Mental Health* (May 2016), doi: 10.2196/mental.5165
5. Krieger N, Gruskin S, Singh N, **Kiang MV**, Chen JT, Waterman PD, Beckfield J, & Coull BA, Reproductive justice and preventable deaths: State family planning, abortion, and infant mortality 1980–2010, *SSM — Population Health* (April 2016), doi: 10.1016/j.ssmph.2016.03.007
6. Molina G, Jiang W, Edmondson L, Gibbons L, Huang LC, **Kiang MV**, Haynes AB, Gawande AA, Berry WR, & Singer SJ, Implementation of the surgical safety checklist in South Carolina hospitals is associated with improvement in perceived perioperative safety, *Journal of the American College of Surgeons* (January 2016), doi: 10.1016/j.jamcollsurg.2015.12.052
7. Krieger N, Chen JT, Waterman PD, **Kiang MV**, & Feldman J, Police killings and police deaths are public health data and can be counted, *PLOS Medicine* (December 2015), doi: 10.1371/journal.pmed.1001915
8. Krieger N, Singh N, Chen JT, Coull BA, Beckfield J, **Kiang MV**, Waterman PD, & Gruskin S, Why history matters for quantitative target setting: long-term trends in socioeconomic and racial/ethnic inequities in US infant death rates (1960–2010), *Journal of Public Health Policy* (May 2015), doi: 10.1057/jphp.2015.12
9. Krieger N, Gruskin S, Singh N, **Kiang MV**, Chen JT, Waterman PD, Gottlieb J, Beckfield J & Coull BA, Reproductive justice and the pace of change: socioeconomic trends in US infant death rates by legal status of abortion, 1960–1980, *American Journal of Public Health* (April 2015), doi: 10.2105/AJPH.2014.302401
10. Singer SJ, Huang LC, **Kiang MV**, Jiang W, Edmondson L, Gawande AA, & Berry WR, Surgical team member assessment of the safety of surgery practice in 38 South Carolina hospitals, *Medical Care Research and Review* (March 2015), doi: 10.1177/1077558715577479
11. Krieger N, Kosheleva A, Waterman PD, Chen JT, Beckfield J, & **Kiang MV**, 50-year trends in US socioeconomic inequalities in health: US-born black and white Americans, 1959–2008, *International Journal of Epidemiology* (August 2014), doi: 10.1093/ije/dyu047
12. Krieger N, **Kiang MV**, Kosheleva A, Waterman PD, Chen JT, & Beckfield J, Age at menarche: 50 year socioeconomic trends among US-born black and white women, 1959–2008, *American Journal of Public Health* (July 2014), doi: 10.2105/AJPH.2014.301936
13. Singer SJ, Hayes J, Gray GG, & **Kiang MV**, Making time for learning-oriented leadership in multidisciplinary hospital management groups, *Health Care Management Review* (July 2014), doi: 10.1097/HMR.0000000000000037
14. Krieger N, Chen JT, Coull BA, Beckfield J, **Kiang MV**, & Waterman PD. Jim Crow and premature mortality among the US Black and White population: An age-period-cohort analysis, 1960–2009, *Epidemiology* (July 2014), doi: 10.1097/EDE.0000000000000104

15. Singer SJ, Friedberg MW, **Kiang MV**, Dunn T, & Kuhn DM, Development and preliminary validation of the Patient Perceptions of Integrated Care survey, *Medical Care Research and Review* (March 2013), doi: 10.1177/1077558712465654
16. Palamar JJ, Halkitis PN, & **Kiang MV**, Perceived public stigma and stigmatization in explaining lifetime illicit drug use among emerging adults, *Addiction Research and Theory* (January 2013), doi: 10.3109/16066359.2012.762508
17. Palamar JJ, **Kiang MV**, & Halkitis PN, Religiosity and illicit drug use among emerging adults: Protective effects depend on low exposure to users, *Journal of Religion and Health* (November 2012), doi: 10.1007/s10943-012-9660-3
18. Palamar JJ, **Kiang MV**, & Halkitis PN, Predictors of stigmatization towards use of various illicit drugs among emerging adults, *Journal of Psychoactive Drugs* (July 2012), doi: 10.1080/02791072.2012.703510
19. Palamar JJ, **Kiang MV**, Storholm ED, & Halkitis PN, A qualitative descriptive study of perceived sexual effects of club drug use in gay and bisexual men, *Psychology and Sexuality* (May 2012), doi: 10.1080/19419899.2012.679363
20. Palamar JJ, **Kiang MV**, & Halkitis PN, Development and psychometric evaluation of scales that assess stigma associated with illicit drug users, *Substance Use and Misuse* (July 2011), doi: 10.3109/10826084.2011.596606
21. Solomon TM, Halkitis PN, Moeller RW, Siconolfi DE, **Kiang MV**, & Barton SC, Sex parties among young gay, bisexual, and other men who have sex with men in New York City: Attendance and behavior, *Journal of Urban Health* (July 2011), doi: 10.1007/s11524-011-9590-5
22. Singer SJ, Hayes J, Cooper J, Vogt J, Sales M, Aristidou A, Gray G, **Kiang MV**, & Meyer GS, A case for safety leadership team training of hospital managers, *Health Care Management Review* (April 2011), doi: 10.1097/HMR.0b013e318208cd1d
23. Solomon TM, **Kiang MV**, Halkitis PN, Moeller RW, & Pappas MK, Personality traits and mental health states of methamphetamine-dependent and methamphetamine non-using MSM, *Addictive Behaviors* (February 2010), doi: 10.1016/j.addbeh.2009.09.002

CONFERENCE MATERIALS

1. Vable AM, **Kiang MV**, Glymour MM, Rigdon J, Drabo E, & Basu S, Performance of matching methods to unmatched ordinary least squares regression under constant effects. *Society for Epidemiologic Research Annual Meeting 2018: Baltimore, MD* (June 2018). Best student poster award.
2. **Kiang MV**, Alexander MJ, Zhang Z, & Chen JT, The geographical distribution of opioid mortality by race in the United States, 1999–2016: Identifying epidemic hotspots. *Population Association of America Annual Meeting 2018: Denver, CO* (April 2018)
3. **Kiang MV**, Staples P, Torous J, Alexander MJ, & Onnela JP, A new platform for high density data collection in population health research. *Population Association of America Annual Meeting 2018: Denver, CO* (April 2018)
4. Alexander MJ, Barbieri M, & **Kiang MV**, Opioid-related deaths by race in the United States: Trends and patterns in multiple causes of death. *Population Association of America Annual Meeting 2017: Chicago, IL* (April 2017)
5. Buckner RL, Braga RM, Hutchison M, Shermohammed M, Coombs G, Barnett IJ, **Kiang MV**, Farfel L, Marotta M, Mair R, O'Keefe T, Meickle J, Liu H, Somerville L, Onnela JP, & Baker JT, Deep dynamic phenotyping of the individual: A platform for precision neuroscience. *Society for Neuroscience 2016: San Diego, CA* (November 2016)
6. Shermohammed M, Barnett IJ, **Kiang MV**, Buckner RL, Baker JT, Onnela JP, & Somerville L, Deep dynamic phenotyping of the individual: Tracking within-subject variability in social and emotional behavioral profiles using smartphones. *Society for Neuroscience 2016: San Diego, CA* (November 2016)

7. Jung OS, Kite JG, Jiang W, Conley D, **Kiang MV**, Huang LC, Childers AK, Edmondson L, Berry WR, & Singer SJ, Implementation objectives associated with success in delivery system innovation: Lessons from Safe Surgery 2015. *Academy of Management 2014: Philadelphia, PA* (August 2014)
8. Jung OS, Kite JG, Jiang W, Conley D, **Kiang MV**, Huang LC, Childers AK, Edmondson L, Berry WR, & Singer SJ, Factors associated with effective implementation of delivery system innovations: Lessons from Safe Surgery 2015. *AcademyHealth 2014 Annual Research Meeting: San Diego, CA* (June 2014)
9. Kite JG, Jiang W, Huang LC, **Kiang MV**, Conley D, Edmondson L, Berry WR, & Singer SJ, The relationship between operating room teamwork and safety checklist performance: Safe Surgery 2015. *AcademyHealth 2014 Annual Research Meeting: San Diego, CA* (June 2014)
10. Huang LC, Conley D, **Kiang MV**, Jiang W, Edmonson L, Gawande AA, Berry WR, & Singer SJ, Factors associated with successful implementation of health delivery innovations: Lessons from Safe Surgery 2015. *AcademyHealth 2013 Annual Research Meeting: Baltimore, MD* (June 2013)
11. Singer SJ, **Kiang MV**, Huang LC, Jiang W, Edmonson L, & Berry WR, Surgical intervention climate in South Carolina hospitals: Measurement as opportunity to motivate, direct, and assess improvement. *Academy of Management 2012: Boston, MA* (August 2012)
12. Singer SJ, **Kiang MV**, Huang LC, Jiang W, Edmonson L, & Berry WR, Surgical safety culture in South Carolina hospitals. *AcademyHealth 2012 Annual Research Meeting: Orlando, FL* (June 2012)
13. Singer SJ, Hayes J, Gray GG, & **Kiang MV**, Collective learning in management groups: A function of making time. *AcademyHealth 2012 Annual Research Meeting: Orlando, FL* (June 2012)
14. Singer SJ, Hayes J, Gray GG, & **Kiang MV**, Making time for learning in leadership teams. *Academy of Management 2011: San Antonio, TX* (August 2011)
15. Singer SJ, Clark J, Valentine M, **Kiang MV**, & Kane NM, Performance of safety net hospitals: The role of organizational culture and leadership. *AcademyHealth 2011 Annual Research Meeting: Seattle, WA* (June 2011)
16. Palamar JJ, **Kiang MV**, Tortora K, & Jones D, Stigma as a protective factor against illicit drug use among racial minorities. *Disparities Research to Disparities Interventions: Lessons Learned and Opportunities for the Future of Behavioral Health Services Conference: Arlington, VA* (May 2011)
17. Solomon TM, Moeller RW, Siconolfi DE, **Kiang MV**, Barton SC, & Halkitis PN, Sex party attendance among young gay, bisexual, and other men who have sex with men: The role of person and environment. *International Conference on Urban Health 2010: New York, NY* (October 2010)
18. Singer SJ, Burgers J, Friedberg M, Rosenthal M, Leape, L, Schneider E, & **Kiang MV**, Integrated patient care: The next frontier. *Academy of Management 2010: Montreal, Canada* (August 2010)

HONORS & AWARDS

2017, 2018	Department of Social and Behavioral Sciences Travel Award <i>Harvard T.H. Chan School of Public Health</i>
2017	Department of Epidemiology Teaching Assistant Award <i>Harvard T.H. Chan School of Public Health</i>
2012 – 2016	Department of Social and Behavioral Sciences Scholarship <i>Harvard T.H. Chan School of Public Health</i>

- 2010 **E. George Payne Memorial Award**
New York University
- 2009 **Dean's Grant for Graduate Student Research**
New York University
- 2009 **Steinhardt Graduate Study Abroad Scholarship**
New York University
- 2009 **Wasserman Funded Internship Award**
New York University
- 2008 – 2009 **Steinhardt Graduate Student Scholarship**
New York University

OTHER PUBLICATIONS

1. Krieger N, **Kiang MV**, Chen JT, Waterman PD, Trends in US deaths due to legal intervention among black and white men, age 15–34 years, by county income level: 1960–2010, *Harvard Public Health Review* (Jan 2015 — Special Issue)