

CURRICULUM VITAE

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EDUCATION

2003	University of Pittsburgh Pittsburgh, PA	Ph.D.	Sociology
2003	University of Pittsburgh Pittsburgh, PA	M.S.	Statistics
1998	University of Chicago Chicago, IL	M.A.	Social Sciences
1993	Kyoritsu Women's University Tokyo, Japan	B.A.	Art and Letters

PROFESSIONAL EXPERIENCE

2016–present	Associate Professor (with tenure), Department of Health Promotion & Behavioral Sciences (Primary appointment), Department of Biostatistics and Data Science (Secondary appointment), School of Public Health, Adjunct Associate Professor, School of Biomedical Informatics, University of Texas Health Science Center at Houston (UTHealth), Houston, TX
2012–2016	Assistant Professor (tenure track), Department of Health Promotion & Behavioral Sciences (Primary appointment), Department of Biostatistics (Secondary appointment), School of Public Health, School of Biomedical Informatics (Adjunct appointment), University of Texas Health Science Center at Houston (UTHealth), Houston, TX
2007–2011	Postdoctoral Training Fellow/Research Associate, Institute for Prevention Research, University of Southern California, Los Angeles, CA
2004–2007	Research Fellow of the Japan Society for the Promotion of Sciences, Japan
2004–2005	Visiting Scholar, Department of Sociology, University of California, Los Angeles, CA

OTHER PROFESSIONAL EXPERIENCE

1993–1996	Full-time Employee, Tokyo Gas Corporation, Tokyo, Japan
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CERTIFICATIONS

2006 Certificate of Professional Social Researcher, Japanese Certification Board for Social Researchers

HONORS AND AWARDS

2016 Nominated for the Excellence in Teaching Award by Department Chair, School of Public Health, UTHealth
 2016 Nominated for the Research Mentoring Award by Department Chair, School of Public Health, UTHealth
 2015, 2016 Nominated for ASPPH Early Career Public Health Research Award by Department Chair
 2001–2002 Andrew Mellon Pre-doctoral Fellowship, University of Pittsburgh

RESEARCH SUPPORT

1. Active

NIH/NIAID 1R21AI139480 (PI: Fujimoto, K.) 06/18–05/20

Role: Principal Investigator

“Network dynamics of syphilis coinfection within biomedical prevention”

This project takes biological, behavioral, and network perspectives to investigate complex syphilis-HIV transmission dynamic processes, coevolved with sex behavioral dynamic, and sexual network dynamic, and risk reduction behavioral dynamic among young Black men who have sex with men at the aim of creating effective syphilis eliminations interventions for most-at-risk population in the United States.

Total Costs: \$438,175/ Direct Costs: \$340,252/ Indirect Costs: \$97,923

NIH/NIDA 1R01DA039934 (PI: Schneider, J. A., Fujimoto, K., & Harawa, N.) 07/15–04/20

Role: Principal Investigator

“HIV intervention models for criminal justice involved substance-using Black MSM”

(“BARS: Building Agent-based models for a Racialized-justice System”)

This project takes a systems science approach to estimate the effectiveness of HIV prevention interventions for criminal justice (i.e., jail and community supervision) involved younger Black men who have sex with men in HIV prevention services. This study is conducted in three sites (Houston, TX; Los Angeles, CA; and Chicago, IL), with collaborations with the University of Chicago (primary institution), Argonne National Laboratory, and UCLA.

Total Costs: \$3,241,406 / Direct Costs: \$2,395,974 / Indirect Costs: \$845,432

Supplement for NIH/NIDA 3R01DA039934 (PI: Schneider, J. A., Fujimoto, K., & Harawa, N.)

Role: Principal Investigator

05/18–04/20

“HIV intervention models for criminal justice involved substance-using Black MSM”

The primary goal of the proposed supplement is to examine institutional and social network contributors to opioid use (including prescription opioids, heroin, and synthetic opioids such as fentanyl), opioid use disorder, and opioid-related harms among younger Black men who have sex with men (YBMSM) with involvement in the criminal justice/corrections system.

Total Costs: \$148,922/ Direct Costs: \$133,532/ Indirect Costs: \$15,390

NIH/NIMH 1R01MH100021 (PI: Fujimoto, K., & Schneider, J. A.) 04/13–02/19 (NCE)

Role: Principal Investigator

“YMAP: Young Men’s Affiliation Project of HIV risk and prevention venue”

This project conducts a multisite longitudinal network study to investigate the HIV/STD risk and protective behaviors associated with social networks created by venue affiliations among young men who have sex with men (YMSM) aged 16 to 29 years. This study is conducted in two cities (Houston, TX, and Chicago, IL), with collaborations with the University of Chicago and Lurie Children’s Hospital of Chicago.

Total Costs: \$3,008,690 / Direct Costs: \$2,502,247 / Indirect Costs: \$506,443

NIH/NIAID R01AI136056 (PI: Schneider, J.A, D’Aquila, R.T., & Benbow, N.) 02/18–1/23

Role: Site PI (Co-Investigator), subcontract through University of Chicago

“Next-generation phylodynamics-targeted partner service models for combined HIV prevention”

The goal of this project is to guide and transform the rapidly evolving public health implementation of molecular HIV surveillance (MHS) based prevention interventions as a critical step towards HIV elimination.

Total Costs: \$ 3,968,927/ Direct Costs: \$ 2,968,122/ Indirect Costs: \$1,000,805

NIH/NCI R21 CA220670-01 (PI: Myneni, S.)

09/17–08/19

Role: Co-Investigator

“Characterization of the manifestation of stages and processes of smoking behavior change in health-related social intercourse”

This project investigates the manifestation of behavior change processes and stages in online social discourse focusing smoking cessation. As a component of the proposed research we will integrate automated text analysis and network models to understand social mechanisms and influence patterns underlying electronically captured peer-to-peer communication related to behavior modification.

Total Costs: \$380,798

NIH Training Grant (As a Co-mentor)

NIH/DHHS K99HD094648-01A1 (PI: Lindsay E. Young)

08/18–07/21

Role: Co-Mentor

“HIV Prevention and Care”

The objective is to utilize machine learning techniques for text analytics and predictive modeling in combination with advanced social network analysis to provide valuable information about the online communicative and social contexts that contribute to HIV prevention and care engagement among young Black men who have sex with men.

Total Costs: \$94,832

NIH/NIDA K99DA044277-01A1 (PI: Georges E. Khalil)

05/18–04/20

Role: Co-Mentor

“Social Influence Strategies during a Web-based Smoking Prevention Intervention for Adolescents”

The objective is to identify the effect of a Web-based smoking prevention intervention on key mechanisms underlying adolescents’ intention to smoke nicotine/tobacco products, when social influence strategies are added to the intervention.

Total Costs: \$98,541

NIH/NIAAA1K01AA023849-01A1 (PI: Abby L. Braitman)

09/16–08/21

Role: Co-Mentor

“Refining boosters to strengthen online college student drinking interventions”

The overall goal is to refine the methodology, improve the efficacy of an electronic booster, and close the gap between in-person and computerized interventions by using social network analysis to reduce alcohol use and related problems.

Total Cost: \$632,433

2. Completed

Principle Investigator

NIH/NIGMS 1R21GM113694 (PI: Fujimoto, K.)

07/15–06/18

Role: Principal Investigator

“iMAN: integrated Molecular & Affiliation Network analysis of HIV transmission”

This project integrates molecular phylogenetic analysis with affiliation network analysis to examine HIV/AIDS transmission structure among younger Black men who have sex with men aged 16 to 29 years in Houston, TX, and Chicago, IL. This project collaborates with a research team at the University of Athens, Greece, for HIV phylogenetic analysis, as well as with the University of Chicago and Lurie Children’s Hospital of Chicago (Northwestern University).

Total Costs: \$442,076 / Direct Costs: \$314,397 / Indirect Costs: \$127,679

Gilead Sciences, Inc. IN-US-276-D120 (PI: Fujimoto, K.)

05/16–10/18

Role: Principle Investigator

“Racial/ethnic disparity in PrEP care continuum: Multiplex networks involving health venues and younger MSM.”

This study proposes to identify any racial/ethnic differences in younger MSM’s affiliation with both clinical and non-clinical venues in Houston and Chicago.

Total Costs: \$139,532 / Direct Costs: \$86,307 / Indirect Costs: \$53,225

NIH/NIAAA 4R00AA019699-03 (PI: Fujimoto, K.)

04/12–03/15

Role: Principal Investigator

“Comparing Social Network Influence on Alcohol Use using Affiliation Data”

This study examined the dynamics of the two-mode affiliation networks between adolescents and social contexts including school-sponsored organized sports activities in relation to adolescent alcohol use and cigarette smoking. This study applied stochastic network modeling methodologies such as exponential random graph models and stochastic actor-oriented network dynamic models to identify social mechanisms by analytically disentangling the effects of social contexts on network dynamics from the effects of social networks on social contexts.

Total Costs: \$411,473 / Direct Costs: \$270,706 / Indirect Costs: \$140,767

NIH/NIAAA 1K99AA019699-01 (PI: Fujimoto, K.)

09/10–12/11

Role: Principal Investigator

“Comparing Social Network Influence on Alcohol Use using Affiliation Data”

This study developed a new network influence model that uses two-mode affiliation network data (actor-by-event affiliation/bipartite) by extending one-mode (actor-by-actor network) network exposure model to measure affiliation-based social influence (adolescents affiliate with organized activities sponsored at school, or identify with crowds) and its association with adolescent alcohol use and cigarette smoking.

Total Costs: \$ 170,006 / Direct Costs: \$ 101,935 / Indirect Costs: \$ 68,071

JSPS#09348 (PI: Fujimoto, K.) 04/04–06/07

Ministry of Education, Culture, Sports, Science and Technology–Japan

Role: Principal Investigator

“Network Structure of Contemporary Japanese Female Labor Market”

To examine structural features of entry-level Japanese female labor market by employing social network analysis and statistical methods.

Total Costs: \$103,842 (1,1648,000 yen, converted \$1 = 112.17 yen, average exchange rate)

Co-investigator or Consultant

CPRIT PP160051 (PI: Maria Fernandez) 12/15–05/18

Role: Co-Investigator

“Dissemination of an Evidence-Based HPV Vaccination Intervention in Community and Clinical Settings”

The overall goal is to increase the reach, adoption, and implementation of a HPV educational program for parents, with a particular emphasis on reducing HPV-related health disparities among Hispanics.

Total Direct Costs: \$299,778

NIH/NHLBI R01HL120725 (PI: Kandula, N.) 01/14–12/17

Role: Co-Investigator (Site PI), subcontract through Northwestern University

“Social and Cultural Influences on Diet and Physical Activity in South Asians”

The study takes a social network approach in order to determine network-level sociocultural drivers of diet and physical activity among U.S. South Asians.

Total Costs: \$33,222 / Direct Costs: \$21,857 / Indirect Costs: \$11,365

NIH/NLM 1R21LM012271-01 (PI: Myneni, S.) 09/15–08/17

Role: Co-Investigator

“Content-based Social Network Analysis Methods for Data-driven Health Promotion”

This project integrates qualitative analysis, automated text analysis, and social network models to understand social influence patterns embedded in peer-to-peer communication exchanges on digital communication platforms, aiming at the development of data-driven socio-behavioral interventions.

Total Costs: \$378,720 / Direct Costs: \$247,500 / Indirect Costs: \$131,220

NIH/DHHS 1R01CA157577-01A1 (PI: Valente, T. W.) 05/12–03/17

“The Global Diffusion of Tobacco Control”

This study proposes to compile extensive network data from GLOBALink, an electronic forum for global tobacco advocacy to estimate network effects in a dynamic modeling framework.

Total Costs: \$79,345 / Direct Costs: \$52,200 / Indirect Costs: \$27,145

NIH/NIAAA 1RC1AA019239-01 (PI: Valente, T. W.) 09/09–08/11

Role: Postdoctoral Fellow

“Social Networks and Networking that put Adolescents at High Risk”

To investigate how social network data may be used to identify adolescents at risk for negative health behaviors such as smoking, alcohol use, or drug use by comparing several aspects of survey data collection.

Total Costs: \$714,008 / Direct Costs: \$439,670 / Indirect Costs: \$274,338

NIH/NIMH 1R01MH089474-01 (PI: Solomon, O.) 09/09–08/11

Role: Consultant (Social Network Analysis)

“Autism in Urban Context: Linking Heterogeneity with Health and Service Disparities”

To examine health and service disparities in autism spectrum disorder (ASD) diagnoses among African American children living in Los Angeles.

Total Costs: \$ 1,248,025

NIH/NCI 5T32 CA009492-23-25 (PI: Pentz, M. A.) 08/07–07/10

Role: Postdoctoral Fellow (11/07–08/10)

Cancer Control and Epidemiology Research Training Grant

Training of postdoctoral fellows in cancer prevention and control.

NIH Training Grant (As a Co-mentor)

NIH/NIDA 1K99 DA041494-01A1 (PI: Mariano N. Kanamori) 07/16–05/18

Role: Co-Mentor

“Multilevel approaches for embracing dyadic, egocentric and two-mode networks which address substance use disorders and HIV risk in Latina seasonal workers”

The overall goal is to implement advanced social network modeling to address the question of how do Latino cultural values and acculturation stress impact social network configurations and dynamics that could then act as protective or risk factors for substance use disorders (SUDs) and HIV risk.

Total Costs: \$366,008

NIH/NIAAA F31AA024377 (PI: Heather Krieger) 09/15–08/18

Role: Co-Mentor

“Longitudinal social network analysis of drinking and health”

The objective is to evaluate how social network position influences alcohol use, attitudes, and experienced alcohol consequences in Greek Life students over time to test the validity of more comprehensive network relationships and provide new insights to the associations between these behaviors to be used in future alcohol interventions.

Total Cost: \$90,000

NSF#1702643 (PI: Rebecca Mauldin) 05/17–04/18

Role: Co-Mentor

“Social Support and physical and cognitive functioning of older adults in assisted living facilities”

This project examines the dynamics of the social networks and disability-related health factors of residents in an assisted living facility.

Total Cost: \$12,000

PUBLICATIONS

Peer-Reviewed Articles (*indicates student/postdoc authorship; †share the first co-authorship)

1. **Fujimoto, K.**, Wang, P., Flash, C. A. Kuhns, L. M., *Zhao, Y., *Amith, M. F., & Schneider, J. A. (2018). Network modeling of PrEP uptake on referral networks and health venue utilization among young men who have sex with men. *AIDS & Behavior*. doi: 10.1007/s10461-018-2327-7.
2. **Fujimoto, K.**, Snijders, T. A. B., & Valente, T. W. (2018). Multivariate dynamics of one-mode and two-mode networks: Explaining similarity in sports participation among friends. *Network Science (Cambridge University Press)*. doi:10.1017/nws.2018.11.
3. **Fujimoto, K.**, *†Cao, M., Kuhns, L. M., *Li, D. H., & Schneider, J. A. (2018). Statistical adjustment of network degree in respondent-driven sampling estimators: Venue attendance as a proxy for network size among young men who have sex with men. *Social Networks*, 54, 118–131. doi.org/10.1016/j.socnet.2018.01.003. NIHMSID 937984.
4. **Fujimoto, K.**, Flash, C. A., Kuhns, L. M., *Kim, J-Y., & Schneider, J. A. (2018). Social networks as drivers of syphilis and HIV infection among young black men who have sex with men. *Sexually Transmitted Infections*, 94(5), 365–371. doi:10.1136/sextrans-2017-053288.
5. **Fujimoto, K.**, Fujiyama, H., *Li, D. H., & Schneider, J. A. (2018). Multiplex competition-referral networks of social venues and of health organizations for young men who have sex with men. [Special issue: Recent Developments in Social Network Analysis]. *Sociological Theory and Methods (Riron to Hōhō): Official Journal of the Japanese Association for Mathematical Sociology*, 33(1), 63–78.
6. *Young, L. E., **Fujimoto, K.**, & Schneider, J. A. (2018). HIV prevention and sex behaviors as organizing mechanisms in a Facebook group affiliation network among young Black men who have sex with men. *AIDS & Behavior*. doi:10.1007/s10461-018-2087-4.
7. Nyitray, A.G., **Fujimoto, K.**, *Zhao, J., Giuliano, A.R., Schneider, J.A., & Hwang, Lu-Yu. (2018). Prevalence of and risk factors for anal HPV among a sample of predominantly Black men who have sex with men in Houston, Texas. *Journal of Infectious Disease*. doi: 10.1093/infids/jix588.
8. *Medhekar, R., **Fujimoto, K.**, Aparasu, R., Bhatara, V., Johnson, M., Alonzo, J., Schwarzwald, H., & Chen, H. (2018). Physician care-coordination and the use of psychotropic polypharmacy in the management of pediatric mental disorders. *Journal of Managed Care and Specialty Pharmacy*.
9. Fujiyama, H., & **Fujimoto, K.** (2018). Stochastic actor-oriented models for multiplex conversation-advice network dynamics based on the self-determination theory. [Special issue: Recent Developments in Social Network Analysis]. *Sociological Theory and Methods (Riron to Hōhō): Official Journal of the Japanese Association for Mathematical Sociology*, 33(1), 79–92.

10. Kandula, N. R., Cooper, A. J., Schneider, J. A., **Fujimoto, K.**, Kanaya, A. M., Van Horn, L., & Siddique, J. (2018). Personal social networks and organizational affiliation of South Asians in the United States. *BMC Public Health*, *18*(1), 218. doi: 10.1186/s12889-018-5128-z.
11. Lancki, N., Siddique, J., Schneider, J. A., Kanaya, A. M., **Fujimoto, K.**, Dave, S. S., Puri-Tanejaa, A., Kandula, N. R. (2018). Social network body size is associated with body size norms of South Asian adults. *Obesity Medicine*, *11*, 25–30.
12. Harawa, N., Brewer, R., Buckman, V., Ramani, S., Khanna, A., **Fujimoto, K.**, Schneider, J.A. (2018). HIV, sexually transmitted infection, and substance use continuum of care interventions among criminal justice-involved Black men who have sex with men: A systematic review. *American Journal of Public Health*, *108*(S4):e1–e9. doi:10.2105/AJPH.2018.304698.
13. *Chen, Y.-T., Kolak, M., Duncan, D. T., Schumm, P., Michaels, S., **Fujimoto, K.**, Schneider, J. A. (2018). Neighbourhoods, networks and pre-exposure prophylaxis awareness: A multilevel analysis of a sample of young black men who have sex with men. *Sexually Transmitted Infections*. Doi: 10.1136/sextrans-2018-053639.
14. **Fujimoto, K.**, Coghill, L. M., Weier, C., Hwang, L-Y, *Kim, J-Y., Schneider, J.A., Metzker, M. L., & Brown, J. M. (2017). Short communication: Lack of support for socially connected HIV-1 transmission among young adult Black MSM. *AIDS Research and Human Retroviruses*. doi:10.1089/AID.2016.0228. PMID 28398775.
15. **Fujimoto, K.**, Turner, R., Kuhns, L. M., *Kim, J-Y., *Zhao, J., & Schneider, J. A. (2017). Network centrality and geographical concentration of social and service venues that serve young men who have sex with men. *AIDS & Behavior*, *21*(12), 3578–3589. doi: 10.1007/s10461-017-1711-z. NIHMSID 854084. PMID 28220310.
16. **Fujimoto, K.**, Snijders, T. A. B., & Valente, T. W. (2017). Popularity breeds contempt: The evolution of diffusion of reputational dislike relations and friendships in high school. *Social Networks*, *48*, 100–109. doi:10.1016/j.socnet.2016.07.006. NIHMSID 809626. PMCID: PMC5268737.
17. **Fujimoto, K.**, Wang, P., Kuhns, L. M., Ross, M. W., Williams, M. L., Garofalo, R., Klovdahl, A. S., Laumann, E. O., & Schneider, J. A. (2017). Multiplex competition, collaboration, and funding networks among social and health organizations: Towards organization-based HIV interventions for young men who have sex with men. *Medical Care*, *55*(2), 102–110. doi: 10.1097/MLR.0000000000000595. NIHMSID 793016. PMCID: PMC5233557.
18. Upadhyay, N., *Medhekar, R. A., **Fujimoto, K.**, Aparasu, R. R., Bhatara, V., Johnson, M. L., ... & Chen, H. (2017). 1.36 Physician peer-influence on prescribing psychotropic polypharmacy in the treatment of children and adolescents with mental disorders. *Journal of the American Academy of Child & Adolescent Psychiatry*, *56*(10), S164.
19. Kuhns, L. M., Hotton, A. L., Schneider, J. A., Garofalo, R., & **Fujimoto, K.** (2017). Use of pre-exposure prophylaxis (PrEP) in young men who have sex with men is associated with race, sexual

- risk behavior and peer network size. *AIDS & Behavior*, 21(5), 1376–1382. doi: 10.1007/s10461-017-1739-0.
20. **Fujimoto, K.**, *Kim, J-Y., Ross, M. W., & Williams, M. L. (2016). Multiplex crack smoking and sexual networks: Associations between network members' incarceration and HIV risks among high-risk MSM. *Journal of Behavioral Medicine*, 39(5), 845–854. doi: 10.1007/s10865-016-9754-6. PMID: PMC5014586.
21. *Hayashi, H. D., Patterson, T. L., Semple, S. J., **Fujimoto, K.**, & Stockman, J. K. (2016). Risk factors for recent intimate partner violence among methamphetamine-using men and women. *Journal of Psychoactive Drugs*, 48(2), 1–11. doi: 10.1080/02791072.2016.1170249. PMID: PMC4882313.
22. **Fujimoto, K.**, Wang, P., Ross, M. W., & Williams, M. L. (2015). Venue-mediated weak ties in multiplex HIV risk transmission networks among drug-using male sex workers and associates. *American Journal of Public Health*, 105(6), 1128–35. doi: 10.2105/AJPH.2014.302474. PMID: PMC4431095.
23. **Fujimoto, K.** & Williams, M. L. (2015). Racial/ethnic differences in sexual network mixing: A log-linear analysis of HIV status by partnership and sexual behavior among most at-risk MSM. *AIDS & Behavior*, 19(6): 996–1004. doi: 10.1007/s10461-014-0842-8. PMID: PMC4312750.
24. **Fujimoto, K.** & Valente, T. W. (2015). Multiplex congruity: Friendship networks and perceived popularity as correlates of adolescent alcohol use [Special issue]. *Social Science & Medicine*, 125, 173–181. doi: 10.1016/j.socscimed.2014.05.023. PMID: PMC4242802.
25. *Myneni, S., **Fujimoto, K.**, Cobbs, N. K., & Cohen, T. (2015). Content-driven analysis of online community for smoking cessation: Integration of qualitative techniques, automated text analysis, and affiliation networks. *American Journal of Public Health*, 105(6): 1206–1212. doi: 10.2105/AJPH.2014.302464. PMID: PMC4431114.
26. Valente, T. W., *Dyal, S. R., Chu, K-H., Wipfli, H., & **Fujimoto, K.** (2015). Diffusion of innovations theory applied to Global Tobacco Control Treaty ratification. *Social Science & Medicine*, 145, 89–97. doi: 10.1016/j.socscimed.2015.10.001. PMID: PMC4630093.
27. **Fujimoto, K.**, Williams, M. L., & Ross, M. W. (2014). A network analysis of relationship dynamics in sexual dyads as correlates of HIV risk misperceptions among high-risk MSM. *Sexually Transmitted Infections*, 91(2), 130–134. doi: 10.1136/sextrans-2014-051742. PMID: PMC4336571.
28. *Huang, G. C., Soto, D., **Fujimoto, K.**, & Valente, T. W. (2014). The interplay of friendship networks and social networking sites: Longitudinal analysis of selection and influence effects on adolescent smoking and alcohol use. *American Journal of Public Health*, 104(8), e51–e59. doi: 10.2105/AJPH.2014.302038. PMID: PMC4103209.

29. *Huang, G. C., Unger, J. B., Soto, D., **Fujimoto, K.**, Pentz, M. A., Jordan-Marsh, M., & Valente, T. W. (2014). Peer influences: The impact of online and offline friendship networks on adolescent smoking and alcohol use. *Journal of Adolescent Health, 54*(5), 508–514. doi: 10.1016/j.jadohealth.2013.07.001. PMID: PMC 4694047
30. **Fujimoto, K.**, Wang, P., & Valente, T. W. (2013). The decomposed affiliation exposure model: A network approach to segregating peer influences from crowds and organized sports. *Network Science (Cambridge University Press), 1*(2), 154–169. doi: 10.1017/nws.2013.7. PMID: PMC3859688.
31. **Fujimoto, K.**, Williams, M. L., & Ross, M. W. (2013). Venue-based affiliation network and HIV risk-taking behavior among male sex workers. *Sexually Transmitted Diseases, 40*(6), 453–458. doi: 10.1097/OLQ.0b013e31829186e5. PMID: PMC3675278.
32. **Fujimoto, K.**, & Valente, T. W. (2013). Alcohol peer influence from participating in organized school activities among U.S. adolescents: A network approach. *Health Psychology, 32*(10), 1084–1092. doi: 10.1037/a0029466. PMID: PMC3971990.
33. **Fujimoto, K.** (2013). Organizational linkages in Japan's female labor market: Information exchanged in networks. *Journal of Sociology*, doi: 10.1177/1440783313487810.
34. Valente, T. W., **Fujimoto, K.**, Unger, J. B., Soto, D., & Meeker, D. (2013). Variations in network boundary and type: A study of adolescent peer influences. *Social Networks, 35*(3), 309–316. doi:10.1016/j.socnet.2013.02.008.
35. Valente, T. W., **Fujimoto, K.**, Soto, D., Ritt-Olson, A., & Unger, J. B. (2013). A comparison of peer influence measures as predictors of smoking among predominately Hispanic/Latino high school adolescents. *Journal of Adolescent Health, 52*(3), 358–364. doi: 10.1016/j.jadohealth.2012.06.014. PMID: PMC3580024.
36. **Fujimoto, K.**, & Valente, T. W. (2012). Decomposing the components of friendship and friends' influence on adolescent drinking and smoking. *Journal of Adolescent Health, 51*(2), 136–143. doi: 10.1016/j.jadohealth.2011.11.013. PMID: PMC3404406.
37. **Fujimoto, K.**, & Valente, T. W. (2012). Social network influences on adolescent substance use: Disentangling structural equivalence from cohesion. *Social Science & Medicine, 74*(12), 1952–1960. doi: 10.1016/j.socscimed.2012.02.009. PMID: PMC3354645.
38. **Fujimoto, K.**, Unger, J. B., & Valente, T. W. (2012). A network method of measuring affiliation-based peer influence: Assessing the influences on teammates' smokers on adolescent smoking. *Child Development, 83*(2), 442–451. doi: 10.1111/j.1467-8624.2011.01729.x. PMID: PMC3305834.
39. **Fujimoto, K.**, Chou, C. P., & Valente, T. W. (2011). The network autocorrelation model using two-mode data: Affiliation exposure and potential bias in the autocorrelation parameter. *Social Networks, 33*(3), 231–243. doi: 10.1016/j.socnet.2011.06.001. PMID: PMC3167212.

40. **Fujimoto, K.** (2010). The organizational practice of gendered employment: Disparate impact and gender segregation in the Japanese labor market. *Sociological Focus*, *43*(2), 88–108. doi: 10.1080/00380237.2010.10571370.
41. Valente, T. W., & **Fujimoto, K.** (2010). Bridges: Locating critical connectors in a network. *Social Networks*, *32*(3), 212–220. doi: 10.1016/j.socnet.2010.03.003. PMID: PMC2889704.
42. Wipfli, H., **Fujimoto, K.**, & Valente, T. W. (2010). Global tobacco control diffusion: The case of the Framework Convention on Tobacco Control [Special issue]. *American Journal of Public Health*, *100*(7), 1260–1266. doi: 10.2105/AJPH.2009.167833. PMID: PMC2882412.
43. Valente, T. W., **Fujimoto, K.**, Palmer, P., & Tanjasiri, S. P. (2010). A network assessment of community-based participatory action: Linking communities and universities to reduce cancer disparities [Special issue]. *American Journal of Public Health*, *100*(7), 1319–1325. doi: 10.2105/AJPH.2009.171116. PMID: PMC2882399.
44. **Fujimoto, K.**, Valente, T. W., & Pentz, M. A. (2009). Network structural influences on the adoption of evidence-based prevention in communities. *Journal of Community Psychology*, *37*(7), 830–845. doi: 10.1002/jcop.20333. PMID: PMC5584875.
45. Valente, T. W., **Fujimoto, K.**, Chou, C. P., & Spruijt-Metz, D. (2009). Adolescent affiliations and adiposity: A social network analysis of friendships and obesity. *Journal of Adolescent Health*, *45*(2), 202–204. doi: 10.1016/j.jadohealth.2009.01.007. PMID: PMC2747768.
46. Chung, A., Liou, D., Karlan, S., Waxman, A., **Fujimoto, K.**, Hagiike, M., & Phillips, E. H. (2006). Preoperative FDG-PET for axillary metastases in patients with breast cancer. *Archives of Surgery*, *141*(8), 783–789. doi:10.1001/archsurg.141.8.783.
47. **Fujimoto, K.** (2005). From women's college to work: Inter-organizational network in the Japanese female labor market. *Social Science Research*, *34*(4), 651–681. doi:10.1016/j.ssresearch.2004.11.001.
48. **Fujimoto, K.** (2004). Feminine capital: Forms of capital in the female labor market in Japan. *The Sociological Quarterly*, *45*(1), 91–111. doi: 10.1111/j.1533-8525.2004.tb02399.x.
49. Doreian, P., & **Fujimoto, K.** (2004). Identifying linking-pin organizations in inter-organizational networks. *Computational & Mathematical Organization Theory*, *10*(1), 45–68. doi: 10.1023/B:CMOT.0000032579.62046.0b.
50. Doreian, P., & **Fujimoto, K.** (2002). Structures of Supreme Court voting. *Connections*, *25*(3).

Peer-Reviewed Conference Proceedings

1. *Cao, M., Chen, Y., **Fujimoto, K.**, & Schweinberger, M. (2018). A two-stage working model strategy for network analysis under Hierarchical Exponential Random Graph Models. IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM). 978-1-5386-6051-5/18/\$31.00.

2. **Fujimoto, K.** (2012). Using mixed-mode networks to disentangle multiple sources of social influence. *Lecture Notes in Computer Science (LCNS)*, 7227, 214–221. S. J. Yang, A. M. Greenberg, and M. Endsley (Eds.). International Conference on Social Computing, Behavioral-Cultural Modeling, & Prediction (SBP12).

Invited Book Chapter

1. Myneni, S., **Fujimoto, K.**, & Cohen, T. (2017). Leveraging social media for health promotion and behavior change: Methods of analysis and opportunities for intervention. In *Cognitive Informatics in Health and Biomedicine: Understanding and Modeling Health Behaviors*. Patel, V. L., Arocha, J. F., & Ancker, J. S. (Eds.). pp. 315–345. Springer.

Non-International: Invited Article

2. **Fujimoto, K.** (2007). The framework of the IRB system in the United States and its issues: Towards establishing a system of research participant protections in the protections in the Japanese social sciences (in Japanese). *Advanced Social Research (Sentan Shakai Kenkyu)*, 6, 165–188.

CONFERENCE PRESENTATIONS & POSTERS (Presenter or Team presenter)

1. **Fujimoto, K.**, Mauldin, R., Kuhns, L. M., & Schneider, J. A. (September, 2018). Referral network for the delivery of pre-exposure prophylaxis (PrEP) among organizations that serve young men who have sex with men. Keynote Speaker Presentation, Proceedings of 3rd World Conference on Medical Sociology and Public Health, Dallas TX. Conference proceedings: doi: 10.4172/2161-0711-C4-040.
2. **Fujimoto, K.**, Paraskevis, D., Zhao, J., Kuhns, L. M., Hwang, L-Y, Hatzakis, A., & Schneider, J. A. (June-July, 2108). Identifying HIV transmission networks using phylogenetic clustering analysis among young Black men who have sex with men. Poster presentation. XXXVIII Sunbelt Conference, Utrecht, Netherland.
3. **Fujimoto, K.**, Wang, P., Kuhns, L., & Schneider, J. A. (2017, November). Multiplex referral and affiliation networks in relation to uptake of Pre-exposure prophylaxis among HIV-negative young men who have sex with men. The 31st Annual Meeting of the Japanese Society for AIDS Research, Tokyo, Japan.
4. **Fujimoto, K.**, Wang, P., Kuhns, L., & Schneider, J. A. (2017, July). Venue avoidance and impact on HIV risk and prevention behavior among young Black MSM. Poster presentation. 1st North American Social Networks Conference–NASN2017, Washington DC.
5. **Fujimoto, K.**, Cao, M., Kuhns, L., Li D., & Schneider, J. A. (2017, July). Statistical adjustment of network degree in respondent-driven sampling estimator venue attendance as a proxy for personal network size among young MSM. Poster presentation. 9th IAS Conference on HIV Science, abstract A-854-0158-02102. Paris, France.

6. **Fujimoto, K.**, Wang, P., Kuhns, L., & Schneider, J. A. (2017, June). Multiplex referral and affiliation networks in relation to uptake of Pre-exposure prophylaxis among HIV-negative young men who have sex with men. Poster presentation. Sunbelt XXXVII, International Sunbelt Social Network Conference, Beijing, China.
7. **Fujimoto, K.**, Wang, P., Kuhns, L., Ross, M. W., Williams, M. L., Garofalo, R., Klovdahl, A. S., Laumann, E. O., & Schneider, J. A. (2016, April). Multiplex competition, collaboration, and funding networks among social and health venues: Towards venue-based HIV interventions for young men who have sex with men (MSM). Sunbelt XXXVI, International Sunbelt Social Network Conference, New Port Beach, CA.
8. Harawa, N., **Fujimoto, K.**, Khanna, A., & Schneider, J. A. (2016, January). The BARS study: Building Agent-based models of Racialized justice systems study in Black MSM. National African American MSM Leadership Conference (NAESM), Los Angeles, CA.
9. **Fujimoto, K.**, Snijders, T. A. B., & Valente, T. W. (2015, June). Prestige-driven dislike dynamics in relation to adolescent substance and Facebook use. Sunbelt XXXV, International Sunbelt Social Network Conference, Brighton, England.
10. **Fujimoto, K.**, Kuhns, L., & Schneider, J. A. (2015, June). Centralities of Collaboration, Competition, and Conflict Networks as Correlates of Spatial Clustering: HIV-related Venue Clustering for Younger Men who Have Sex with Men. Poster presentation. Sunbelt XXXV, International Sunbelt Social Network Conference, Brighton, England.
11. **Fujimoto, K.**, Kuhns, L., Li, D., Kim, J. Y., Ross, M. W., & Schneider, J. A. (2014, August). Structure of venue clustering and HIV Prevalence among men who have sex with men. Texas HIV/STD Conference, Austin, TX.
12. **Fujimoto, K.**, Snijders, T. A. B., & Valente, T. W. (2014, February). Adolescent substance use: Multiplex dynamics of friendship, crowd identification, and sports participation. Sunbelt XXXIV, International Sunbelt Social Network Conference, St. Pete Beach, FL.
13. **Fujimoto, K.**, & Wang, P. (2013, May). Structure of participation in organized sports and adolescent alcohol use: Centrality and two-mode ERGM analysis. Sunbelt XXXIII, International Sunbelt Social Network Conference, Hamburg, Germany.
14. **Fujimoto, K.** (2012, April). Using mixed-mode networks to disentangle multiple sources of social influence. International Conference on Social Computing, Behavioral-Cultural Modeling, & Prediction (SBP12), University of Maryland, College Park, MD.
15. **Fujimoto, K.**, Soto, D., & Valente, T. W. (2012, March). Social network method of disentangling the peer influences from organized activity participation and crowd identity on adolescents' alcohol use. Sunbelt XXXII, International Sunbelt Social Network Conference, Redondo Beach, CA.

16. **Fujimoto, K.**, & Valente, T. W. (2011, August). Alcohol peer influence from participating in organized school activities. American Sociological Association, Las Vegas, NV.
17. **Fujimoto, K.** & Valente, T. W. (2011, May–June). Alcohol peer influence from participating in organized school activities: A network approach. Individual paper presentation. Society for Prevention Research (SPR), Washington, DC.
18. **Fujimoto, K.** & Valente, T. W. (2011, February). Network influence on adolescent alcohol use: Relational, positional, and affiliation-based peer influence. Sunbelt XXXI, International Sunbelt Social Network Conference, St. Pete Beach, FL.
19. **Fujimoto, K.**, & Valente, T. W. (2010, June–July). Autocorrelation model using two-mode network data: Affiliation exposure model and biasness in autocorrelation parameter. Sunbelt XXX, International Sunbelt Social Network Conference, Riva del Garda, Italy.
20. **Fujimoto, K.**, Unger, J., & Valente, T. W. (2009, March). Team smoking: Assessing the influence of smoking teammates on adolescent smoking using the network affiliation model. Sunbelt XXIX, International Sunbelt Social Network Conference, San Diego, CA.
21. **Fujimoto, K.**, Valente, T. W., & Pentz, M. A. (2008, October). Social network and organizational performance: Effect of community coalitions on the effectiveness in delivering substance abuse prevention program. Poster presentation. American Public Health Association, San Diego, CA.
22. **Fujimoto, K.** (2007, March). The organizational practice of gendered employment: Disparate impact and gender segregation in the Japanese entry-level labor market. Southwest Sociological Association, Albuquerque, NM.
23. **Fujimoto, K.** (2005, October). Structure of female labor market in Japan. Japanese Sociological Association, Tokyo, Japan.
24. **Fujimoto, K.** (2004, August). Methodology of computer simulation in the study of evolution of social networks: Integrating qualitative and quantitative methods. Round table presentation. American Sociological Association, San Francisco, CA.
25. **Fujimoto, K.** (2002, August). Performance of genderism: Dramaturgical approach to gender inequality in Japan's female labor market. Round table presentation. American Sociological Association, Chicago, IL.
26. **Fujimoto, K.** (2000, August). From women's college to work: Female labor market and institutional mechanism in Japan. American Sociological Association, Washington, DC.
27. **Fujimoto, K.** (1999, August). Feminine capital: Embeddedness of patriarchal ideology within the female labor market in Japan. Round table presentation. American Sociological Association, Chicago, IL.

INVITED PRESENTATIONS & GUEST LECTURES/PRESENTER**Extramural**

1. Discussant for “The use of modeling methods and knowledge gained from alcohol behavioral research to advance HIV prevention interventions” (January, 2019). Conference for Alcohol Behavioral HIV Prevention Research: Mechanisms and Intervention Development, hosted by NIH/NIAAA & Syracuse University, Bethesda, MD.
2. Application of network modeling approach to HIV research among young men who have sex with men (October 2018). Modeling Social Dynamics & Health Behavior Conference, hosted by Public Health Dynamics Laboratory Center for Social Dynamics & Community Health, BCHS, University of Pittsburgh, PA.
3. Social network analysis applied to HIV research (2018, September). Seminar Series Present by Department of Health Policy & Management, Florida International University, Miami, FL.
4. HIV and venue-based social networks (2017, November). UTMB Galveston AIDS Education Training Center (AETC) Lunch and Learn Lecture series, Center for Global Health Education, UTMB Health, Galveston, TX.
5. Social network analysis in HIV/AIDS research (2017, April). Graduate College of Social Work, University of Houston, Houston, TX.
6. Multiplex network analysis applied to the study of Building Agent-based models of Racialized justice systems (BARS). (2016, January). Retreat hosted by UCLA, Los Angeles, CA.
7. Application of social network analysis to HIV/AIDS research. (2016, January). Center for HIV Identification, Prevention and Treatment Services (CHIPTS), Methods Core Seminar Series. UCLA, LA, CA.
8. Application of social network analysis to HIV/AIDS research. (2016, January). AIDS Research Forum, Center for AIDS Research (CFAR) Baylor-UT, Houston, TX.
9. Social network analysis in HIV/AIDS research. (2015, May). Retreat hosted by Global Security Sciences, Argonne National Laboratory, Argonne, IL.
10. Social networks and health. (2015, April). Seminar in the Center for Research on U.S. Latino HIV/AIDS and Drug Abuse (CRUSADA), Florida International University, Miami, FL.
11. Social network analysis in HIV/STD research. (2015, April). Seminar in Sexuality, Science and Sandwiches, VA Houston Center for Quality of Care & Utilization Studies (HCQCUS), Department of Psychiatry & Behavioral Sciences, VA Medical Center, Houston, TX.

12. Social network analysis in health behavioral research. (2015, March). Seminar in Pharmaceutical Health Outcomes and Policy, PHCA 6181–PHCA 7181–PHCA 8181, Department of Pharmaceutical Health Outcomes and Policy, University of Houston, Houston, TX.
13. Social network analysis in health behavioral research. (2014, September). IPHAM Seminar Series, Institute of Public Health & Medicine, Northwestern University, Chicago, IL.
14. Social network analysis in health behavioral research. (2013, December). Seminar hosted by Robert Stempel College of Public Health and Social Work (RSCPHSW), Florida International University, Miami, FL.
15. Introduction to exponential random graph modeling and new network method of bridging. (2010, November). Department of Health Studies, University of Chicago, Chicago, IL.
16. Exponential random graph modeling and statistical model for network dynamics. (2009, May). NIH Office of Behavioral and Social Sciences Research and the CDC Syndemics Prevention Network, at School of Public Health, University of Michigan, Ann Arbor, MI.
17. The framework of the IRB system in the United States and its problems. (2005, December). Kwansai Gakuen University, Hyogo, Japan.

Intramural

1. Respondent-driven sampling methodology (2018, January). Research meeting for Center for Neurobehavioral Research on Addiction (CNRA), Department of Psychiatry and Behavioral Sciences.
2. Social network analysis in health behavioral & prevention research. (2015, October): PH5380: Principles & Foundations of Public Health Informatics. School of Biomedical Informatics.
3. Social networks and health. (2015, 2014, 2013). PH2612: Epidemiology I, Department of Epidemiology, Human Genetics, and Environmental Sciences.
4. Social network analysis and health. (2015, April). Biostatistics Seminar Series.
5. Social network analysis in health promotion and behavioral research. (2015, 2012). Department of Health Promotion & Behavioral Sciences Research Seminar.
6. Social network analysis in health promotion and behavioral research. (2015, January). Center for Health Promotion & Prevention Research (CHPPR) Investigators' Meeting.
7. Social network analysis in health behavioral research. (2014, October). PH1110: Social and Behavioral Aspects of Community Health, Department of Health Promotion & Behavioral Sciences.
8. Social network analysis and HIV behavioral research. (2013, October). Center for International Training and Research Seminar.

9. Social network analysis and health behavioral research. (2013, June). Michael & Susan Dell Center for Health Living, University of Texas at Austin, Austin, TX.

TEACHING

- Spring 2018, 2017 PH1324: Applied Discrete Data Analysis Using Stata
Department of Health Promotion & Behavioral Sciences
UTHealth School of Public Health, Houston, TX
- Fall 2018, 2017, 2016,
2015 PH1321L: Social Networks and Health (Co-teach)
Department of Health Promotion & Behavioral Sciences
Department of Epidemiology, Human Genetics, & Environmental Sciences
UTHealth School of Public Health, Houston, TX
- Spring 2016, 2015,
2014, 2013 PH1830: Categorical Data Analysis
Department of Biostatistics
UTHealth School of Public Health, Houston, TX
- Spring and Fall, 2000 STAT0200: Basic Applied Statistical Methods (Teaching Fellow)
Department of Statistics
University of Pittsburgh, Pittsburgh, PA
- Fall 1999 STAT1000: Applied Statistical Methods (Teaching Assistant)
Department of Statistics
University of Pittsburgh, Pittsburgh, PA

PROFESSIONAL AND MENTORSHIP SERVICE

- 2013 Program Committee Member
AAAI (Association for the Advancement of Artificial Intelligence) Fall Symposium
2013 on Social Networks and Social Contagion, Westin Arlington Gateway,
Arlington, VA
- 2013 Program Committee Member
International Conference on Social Computing, Behavioral-Cultural Modeling, &
Prediction (the SBP13 Conference), Washington, DC
- 2012 Doctoral Consortium Chair
International Conference on Social Intelligence and Technology (SOCIETY 13),
State College, PA

GRANT REVIEW PANELS

National (Ad Hoc Reviewer)

- 2019 Special Emphasis Panel/Scientific Review
Modeling and Simulation to Optimize HIV Prevention Research, NIH
- 2016 Special Emphasis Panel/Scientific Review
US – Russia Bilateral Collaborative Research Partnerships (CRP) on the
Prevention and Treatment of HIV/AIDS and HIV-Associated Comorbidities, NIH
- 2016 Special Emphasis Panel/Scientific Review
US – China Program for Collaborative Biomedical Research Section, NIH
- 2016 Accelerating Improvements in the HIV Care Continuum Section, NIH
- 2016, 2015 Special Emphasis Panel/Scientific Review
Systems Science and Health in the Behavioral and Social Sciences Section
Modeling Social Behavior Section, NIH
- 2018, 2017, 2015 Special Emphasis Panel/Scientific Review
Multidisciplinary Studies of HIV/AIDS and Aging Section, NIH
- 2018, 2016, 2015 Special Emphasis Panel/Scientific Review
Behavioral and Social Science Approaches to Preventing HIV/AIDS Section,
NIH
- 2015 Special Emphasis Panel/Scientific Review
Behavioral and Social Consequences of HIV/AIDS Study Section, NIH
- 2015, 2014 Special Emphasis Panel/Scientific Review
AIDS and AIDS Related Research Section, NIH

International

- 2017 Grant Reviewer
The Netherlands Organisation of Health, Research and Development (ZonMw)
- 2016 Individual Research Grant Reviewer
Israeli Science Foundation

Internal

- 2015 Pilot Project Award Program
The Center for Clinical and Translational Sciences (CCTS)
University of Texas Health Science Center at Houston

INTERNAL SERVICE

- 2018–present Faculty Search Committee Member (Methodology)

Department of Health Promotion & Behavioral Sciences
UTHealth School of Public Health

- 2017–present Faculty Council Member
UTHealth School of Public Health
- 2015–present Curriculum Committee Member (Sub-group of Preliminary Exam Committee)
Department of Health Promotion & Behavioral Sciences
UTHealth School of Public Health
- 2014–present Mentor
UTSPH Cancer Education and Career Development Program
National Cancer Institute NIH R25/CA57712 (PI: Mullen, P.)
- 2012–present Preliminary Exam Grader (Data Analysis Section) for Doctoral Program
Department of Health Promotion & Behavioral Sciences
UTHealth School of Public Health
- 2012–present Mentor
Cancer Prevention Research Training Program
National Institute on Drug Abuse–funded R25 “Statistical Genetics of Addiction”
Training Program (PI: Shete, S., & Chang, S.)
The University of Texas MD Anderson Cancer Center

TENURE AND PROMOTION REVIEWS

- 2018 External reviewer, tenure and promotion for associate professor. American University.
- 2018 External reviewer, promotion for associate professor. University of Wisconsin at Milwaukee.
- 2017 External reviewer, tenure and promotion for associate professor. University of Texas at Tylor.

JOURNAL REVIEWER

AIDS & Behavior
AIDS Research and Human Retroviruses
American Journal of Public Health
Annals of Behavioral Sciences
Annals of Family Medicine
BMC Public Health
Child Development
Connections

Drug & Alcohol Dependence
Gender & Society
Health & Place
Health Psychology
Health Policy & Planning
Journal of Acquired Immunodeficiency Syndrome (JAIDS)
Journal of Early Adolescence
Journal of Health & Social Behavior
Journal of Mathematical Sociology
Journal of Primary Prevention
Journal of Sociology
Network Science
Nicotine & Tobacco Research
PLoS ONE
Psychology of Addictive Behavior
Social Forces
Social Networks
Social Problems
Social Science & Medicine
Social Science Research
Substance Use & Misuse

PROFESSIONAL MEMBERSHIPS

2013–2016 Baylor College of Medicine-UT Houston Center for AIDS Research (CFAR)
2009–present International Network for Social Network Analysis

CONSULTING

2012–2014 Social Network Study (PI: Buzi, R.), Baylor College of Medicine