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

2020–present	Professor, Department of Health Promotion & Behavioral Sciences (Primary), Department of Biostatistics and Data Science (Secondary), School of Public Health Adjunct Professor, School of Biomedical Informatics University of Texas Health Science Center at Houston (UTHealth), Houston, TX
2019–present	Sally W. Vernon, Ph.D. Distinguished Professorship in Social Determinants of Health, University of Texas Health Science Center at Houston (UTHealth), Houston, TX
2016–2020	Associate Professor (with tenure), Department of Health Promotion & Behavioral Sciences (Primary), Department of Biostatistics and Data Science (Secondary), 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), School of Public Health, School of Biomedical Informatics (Adjunct), 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

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. Pending

CDC (PI: Justin Bahl)
Role: Site-PI (subcontract through University of Georgia, Athens)
"Molecular epidemiology and transmission dynamics of COVID-19 in Houston Texas"
This study aims at combining epidemiological surveillance with viral comparative genomic analysis in a statistical phylodynamic framework to understand the characteristics of SARS-CoV-2 transmission dynamics in Houston, TX.

2. Active

Principal Investigator/Multiple PI/Site-PI

NIH/1R01MH125727-01 (PI: Mariano Kanamori) 12/20–11/23
Role: Site-PI (subcontract through University of Miami)
"PrEParados: A multi-level social network model to increase PrEP enrollment by Latino MSM selfidentified as gay, bisexual or straight in Miami"
The study will characterize how stress risk factors (immigration, discrimination, homophobia and racism) and Latino cultural values (family cohesion, marianismo, machismo, and religiosity) influence

social network structures, which in turn impact access to PrEP information, uptake and adherence by Latino men who have sex with other men (LMSM) who self-identify as bisexual/straight or gay. Total Costs: $81,267/ Direct Costs: $45,510

NIH/NIAID 1R56AI150272-01A1 (PI: Tao, C., Fujimoto, K., & Schneider, J. A.) 09/20–08/21
Role: Multiple Principal Investigator
"Using big data and deep learning on predicting HIV transmission risk in MSM population" This project aims at constructing a comprehensive framework that combines population-based molecular, behavior, and contact/partner tracing information including venue affiliation data and behaviors, as well as existing locally collected cohort data in collaboration with the health departments of Houston and Chicago. We will then develop deep-learning algorithms that leverage the comprehensive framework for cluster growth and to identify newly infected populations. Total Costs: $801,194/ Direct Costs: $574,350/ Indirect Costs: $226,844

NIH/NIAID 1R21AI139480 (PI: Fujimoto, K.) 06/18–05/21 (NCE)
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.) 07/15–10/21 (NCE)
Role: Multiple Principal Investigator, subcontract through University of Chicago
"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: $613,636 / Direct Costs: $398,465 / Indirect Costs: $215,171

Supplement, 3R01DA039934 (PI: Schneider, J. A., Fujimoto, K., & Harawa, N.) 05/18–10/21 (NCE)
Role: Multiple Principal Investigator, subcontract through University of Chicago
"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: $98,349/ Direct Costs: $63,863/ Indirect Costs: $34,486

NIH/NIAID R01AI136056 (PI: Schneider, J.A, D'Aquila, R.T., & Benbow, N.) 02/18–1/23
Role: Site PI, 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: $241,622/ Direct Costs: $156,897/ Indirect Costs: $84,725

NIH/NIDA U2C DA050098-01 (PI: Schneider, J. A. & Pollack, H. A.) 06/19–05/24
Role: Site PI (a Core Methodology Leader for Social Network Analysis), subcontract through University of Chicago "Methodology and Advanced Analytics Resource Center
(MAARC)"
This project proposes advanced bi-directional data sharing, analytics and modeling capacities to provide new scientific insights into interventions at the intersection of opioid use and justice contexts that will ultimately lead to reductions in opioid overdose: The Methodology and Advanced Analytics Resource Center (MAARC). The MAARC will support these capabilities within opioid clinical trials implemented within justice contexts.
Total Costs: $358,792/ Direct Costs: $230,895 / Indirect Costs: $127,897

Supplement for NIH/NIAID P30AI117943 (PI: D'Aquila, R. T) 08/19–05/21 (NCE)
Role: Site PI, subcontract through Northwestern University
"Next generation responses to HIV related events in ending the epidemic contexts" (PI: Schneider, J.A.)
Total Costs: $24,839/ Direct Costs: $16,129/ Indirect Costs: $8,710

Co-investigator

NIH/3UL1TR003167-02S1 (PI: McPherson, D. D.) 09/20–08/22
"RADx: Understanding and Addressing COVID-19 Testing Disparities in Vulnerable Populations: A Multilevel and Multi-method Approach (CCTS)"
Role: Co-Investigator
Building on the partnerships and resources of the Center for Clinical and Translational Science (CCTS), the goal of the proposed study is to identify dynamic disease hotspots and testing deserts in racially diverse regions of the target regions, to inform the development and evaluation of multilevel level just-in-time adaptive intervention strategies to reach individuals with medical comorbidities and whose demographic category and/or living condition are known to increase risk of severe COVID-19 infection. This study will identify dynamic disease hotspots and testing deserts in racially diverse regions of South (Houston/Harris County) and Northeast Texas.
Total Costs**:** $4,998,788 / Direct Costs: $3,682,611 / Indirect Costs: $1,316,177

NIH/NLM R01LM012974-01A1 (PI: Myneni, S.) 07/19–06/23
Role: Co-Investigator
"Pragmatics to reveal intention in social media (PRISM) for health promotion"

This project will investigate associations between communication and social influence dynamics underlying behavior change and chronic disease management as manifested in health-related member communication of online communities. We will integrate methods of discourse analysis, automated text analysis, and dynamic network models to analyze electronically captured peer-to-peer communication and characterize communication intent and content at scale.
Total Costs: $1,611,685/ Direct Costs: $1,172,098/ Indirect Costs: $439,587

Completed

Principal Investigator

NIH/NIMH 1R01MH100021 (PI: Fujimoto, K., & Schneider, J. A.) 04/13–02/19
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/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: Principal 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/NHLBI R01HL120725 (PI: Kandula, N.) 01/14–12/17
Role: 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/DHHS 1R01CA157577-01A1 (PI: Valente, T. W.) 05/12–03/17
Role: Site PI, subcontract through University of Southern California
"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 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 and other roles

NIH/NCI R21 CA220670-01 (PI: Myneni, S.) 09/17–08/20
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: $39,016 / Direct Costs: $25,335.00 / Indirect Costs: $13,681.00

CPRIT PP160051 (PI: Maria Fernandez) 12/15–05/17
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. Direct Costs: $299,781

NIH/NLM 1R21LM012271-01 (PI: Myneni, S.) 09/15–08/18
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: $48,767 / Direct Costs: $31,667.00 / Indirect Costs: $17,100.00

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.

PUBLICATIONS

†share the lead authorship; *indicates student/postdoc authorship

1. **Fujimoto, K.**, Wang, P., Li, D. H., Kuhns, L. M., *Amith, M., & Schneider, J. A. (2020). Collective avoidance of social and health venues and HIV racial inequities: Network modeling of venue avoidance on venue affiliation, social networks, and HIV risk. [Special Issue: Modeling Social Dynamics]. *Health Education & Behavior*, *47*(2), 202–212.

2. *Xiang, Y., **Fujimoto, K.**, *Li, F., *Wang, Q., *Del Vecchio, N., Schneider, J. A., Zhi, D., & Tao, C. (2020). Identifying influential neighbors in social networks and venue affiliations among young MSM: A data science approach to predict HIV infection. *AIDS*. doi:10.1097/QAD.0000000000002784.

3. Lu, T., **Fujimoto, K.**, *Amith, M., Cunningham, R., Costantini, R. A., York, F., Xiong, G., Boom, J. A., & Tao, C. (2020). Going down the rabbit hole?: An exploration of network exposure to vaccine misinformation on YouTube. *Journal of Medical Internet Research*. doi:10.2196/preprints.23262.

4. *Amith, M., **Fujimoto, K.**, Mauldin, R., & Tao, C. (2020). Friend of a Friend with Benefits ontology (FOAF+): Extending a social network ontology for public health. *BMC Medical Informatics and Decision Making*, *20*(10), 1–14.

5. Buzi, R. S., Madanay, F. L., & **Fujimoto, K.** (2020) Sexual and social networks, venue attendance, and HIV risk among young men who have sex with men. *AIDS Care*. doi:10.1080/09540121.2020.1812044.

6. Mauldin, R., Wong, C., Fernandez, J., & **Fujimoto, K.** (2020). Network modeling of assisted living facility residents' attendance at programmed group activities: Proximity and social contextual correlates of attendance. *The Gerontologist*. doi:10.1093/geront/gnaa149.

7. *Singh, T., Roberts, K. E., Cohen, T., Cobb, N. K., Wang, J., **Fujimoto, K.**, Myneni, S. (2020). Social Media as a Research Tool (SMaaRT) for Risky Behavior Analytics: A Methodological Review. doi: 10.2196/21660.

8. Hotton, A. L., Chen, Y. T., Schumm, P., Khanna, A. S., Brewer, R., Skaathun, B., Issema, R. S., Ramani, S., Ramachandran, A., Ozik, J., **Fujimoto, K.**, Harawa, N., Schneider, J. A. (2020). Sociostructural and neighborhood predictors of incident criminal justice involvement in a population-based cohort of young Black MSM and transgender women. *Journal of Urban Health*, 1–12. doi: https://doi.org/10.1007/s11524-020-00428-8.

9. *Mitchell, K. R., Brassil, K. J., Rodriguez, S., *Tsai, E., **Fujimoto, K**., Krause, K. J., Shay, L. A., & Springer, A. E. (2020). Operationalizing patient-centered cancer care: A systematic review and synthesis of the qualitative literature on cancer patients' needs, values, and preferences." *Psycho-Oncology*. doi: 10.1002/pon.5500.

10. *Mitchell, K. R., Brassil, K. J., **Fujimoto, K**., Fellman, B. M., & Springer, A. E. (2020). Exploratory factor analysis of a patient-centered cancer care measure to support improved assessment of patients' experiences. *Value in Health: The Journal of the International Society for Pharmacoeconomics and Outcomes Research*, *23*(3), 351–361.

11. **Fujimoto, K.**, Wang, P., Flash, C. A. Kuhns, L. M., *Zhao, Y., *Amith, M. F., & Schneider, J. A. (2019). Network modeling of PrEP uptake on referral networks and health venue utilization among young men who have sex with men. *AIDS & Behavior, 23*(7), 1698–1707. PMID: 30430341.

12. *****Xiang, Y., **Fujimoto, K.**, Schneider, J. A., *Jia, Y., Zhi, D., & Tao, C. (2019). Network context matters: Graph convolutional network model over social networks improves the detection of unknown HIV infections among young men who have sex with men. *Journal of the American Medical Informatics Association (JAMIA)*, *26*(11), 1263–1271.

13. *Young, L. E., **Fujimoto, K.**, & Schneider, J. A. (2019). Facebook group affiliation ties, group topics, and HIV behavioral characteristics among young Black men who have sex with men: Potential for public health intervention. *SSM-population health*, *9*. Nov 2. doi: 10.1016/j.ssmph.2019.100510.

14. *Young, L. E., **Fujimoto, K.**, Alon, L., Zhang, L., & Schneider, J. A. (2019). The multiplex social environments of young Black men who have sex with men: How online and offline social structures impact HIV prevention engagement. [Special Issue: Networks and Health]. *Journal of Social Structure, 20*(3), 70–95.

15. *Imahashi, M., **Fujimoto, K.**, Kuhns, L. M., *Amith, M., & Schneider, J. A. (2019). Network overlap and knowledge of partner's HIV status among young men who have sex with men. *AIDS Care*, 31(12), 1533–1539. doi: 10.1080/09540121.2019.1601672. PMID: 30935221.

16. *Medhekar, R., **Fujimoto, K.**, Aparasu, R., Bhatara, V., Johnson, M.L., Alonzo, J. P., Schwarzwald, H. L., & Chen, H. (2019). Physician care coordination and the use of psychotropic polypharmacy in the management of pediatric mental disorders. *Journal of Managed Care and Specialty Pharmacy*, *25*(1), 29–38. doi: 10.18553/jmcp.2019.25.1.029.

17. *Amith, M., **Fujimoto, K.**, & Tao, C. (2019). NET-EXPO: A Gephi plugin towards social network analysis of network exposure for unipartite and bipartite graphs. Human-Computer Interaction International (HCII) Conference 2019. Springer Nature Switzerland AG. C. Stephanidis (Ed.): HCII 2019, Communications in Computer and Information Science (CCIS) *(Conference Proceedings)*, 1034, pp. 1–10, 2019.doi.org/10.1007/978-3-030-23525-3_1.

18. *Manas, S., *Young, L. E., **Fujimoto, K.**, Franklin, A., & Myneni, S. (2019). Exploring the social structure of a health-related online community for tobacco cessation: A two-mode network approach. *Studies in Health Technology and Informatics (Conference Proceedings)*, *264*, 1268–1272.

19. *Kanamori M.N., Williams M. L., **Fujimoto, K,** Shrader, C.H., Schneider J.A., & De La Rosa, M. (2019). A social network analysis of cooperation and support in an HIV service delivery network for young Latino MSM in Miami. *Journal of Homosexuality*. doi: 10.1080/00918369.2019.1667160.

20. Khanna, A., Schneider, J. A., Collier, N., Ozik, J., Issema, R., *Di Paola, A., Skwara, A., Ramachandran, A., Webb, J., Brewer, R., Cunningham, W., Hilliard, C., Ramani, S., **Fujimoto, K.**, Harawa, N. (2019). A modeling framework to inform PrEP initiation and retention scale-up in the context of Getting to Zero Initiatives. *AIDS, 33*(12), 1911–1922. doi: 10.1097/QAD.0000000000002290. PMID: 31274533.

21. *Kanamori, M. N., De La Rosa, M., Shrader, C.-H., Muncayo, C., Doblecki-Lewis, S., Prado, G., Safren, S., Trepka, M.J., **Fujimoto, K.** (2019). Progreso en Salud: Findings from two adapted social network HIV risk reduction interventions for Latina seasonal workers. *International Journal of Environmental Research and Public Health, 16*(22), 4530; doi:10.3390/ijerph16224530.

22. **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), 6*(3), 370–395. doi:10.1017/nws.2018.11.

23. †**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. NIHMSID 937984. PMID: 29910531.

24. **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. PMID: 29440465.

25. **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.

26. *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*, *22*(10), 3324–333.

27. 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*, *217*(5), 777–784. PMCID: PMC5853382.

28. Fujiyama, H., & **Fujimoto, K.** (2018). Stochastic actor-oriented models for multiplex conversationadvice 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.

29. *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) *(Conference Proceedings)*. 978-1-5386-6051-5/18/$31.00.

30. 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.

31. Lancki, N., Siddique, J., Schneider, J. A., Kanaya, A. M., **Fujimoto, K.**, Dave, S. S., Puri-Tanejaa, A., Kandulaa,N. R. (2018). Social network body size is associated with body size norms of South Asian adults. *Obesity Medicine*, *11*, 25–30.

32. 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.

33. *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*, *95*(3), 228–235. doi: 10.1136/sextrans-2018-053639.

34. **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*, *33*(9), 35–940. doi:10.1089/AID.2016.0228. PMID 28398775.

35. **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.

36. **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.

37. **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.

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53. **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. PMCID: PMC3971990.

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65. 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. PMCID: PMC2882399.

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Manuscript under review/ready for submission (lead authorship only)

†share the lead authorship; *indicates student/postdoc authorship

1. †**Fujimoto, K.**, †Bahl, J., Wertheim, J. O.,* Del Vecchio, N., Hicks, J., Damodaran, L., Hallmark, C. J., *Lavingia, R., Mora, R., Carr, M., Yang, B., Schneider, J. A., Hwang L.-Y., & McNeese, M. HIV-1 transmission epidemiology in a racially/ethnically diverse Southern U.S. context: Synthesis of HIVTRACE, Bayesian phylodynamics, and GEE.

2. †**Fujimoto, K.**, Hallmark, C. J., Mauldin, R. L., *Kuo, J. C., Smith, C., *Del Vecchio, N., Kuhns, L. M., Schneider, J. A., & †Peng Wang. Brokerage-centrality conjugates for multi-level organizational field networks: Toward a blockchain implementation to enhance coordination of healthcare delivery.

3. †**Fujimoto, K.**, †Dimitrios, P., *Kuo, J. C., *Zhao, J. Hochi, A., Kuhns, L. M., Hwang, L.-Y., Hatzakis, A., & Schneider, J. A. Social mechanisms of sexual affiliation networks and HIV transmission among younger Black MSM who are living with HIV: A synthesis of affiliation network analysis and molecular phylogenetics.

4. †**Fujimoto, K.**, Nyitray, A. G., *Kuo, J. C., *Zhao, J., Hwang, L.-Y., Giuliano, A. R., Schneider, J. A. & †Khanna, A. Racial inequities in high-risk genotypes of human papillomavirus anal infection in social networks of young, predominantly Black MSM.

CONFERENCE PRESENTATIONS & POSTERS (Presenter or Team presenter)

1. **Fujimoto, K.**, Paraskevis, D., Kuo, J. C., Zhao, J., Hochi, A., Kuhns, L. M., Hwang, L.-Y., Hatzakis, A., Schneider, J. A. (Virtual meeting, November-December, 2020). A synthesis of affiliation network analysis and molecular phylogenetic analysis to characterize HIV transmission among younger Black MSM. The 34th Annual Meeting of the Japanese Society for AIDS Research.

2. **Fujimoto, K.**, Hallmark, C., & McNeese, M. (February, 2020). Blockchain technologies and community empowerment: The potential for effective implementation of PrEP care delivery via P2P networks of local health service agencies that engage with young men who have sex with men, Blockchain and Digital Transformation in Health 2020 Symposium, Austin, TX.

3. Xiang, Y., **Fujimoto, K.**, Schneider, J.A., Zhi, D., Tao, C. (February, 2020). Modeling influential neighbors in social networks of young MSM: An application of Graph Attention Networks to predict and track HIV infection, University of South Carolina BDHSC National Big Data Health Conference 2020, Columbia, SC.

4. **Fujimoto, K.**, Khanna, A., Zhao, J., Giuliano, A., Hwang, L.-Y., Schneider, J.A., & Nyitray, A. (November, 2019) Network clustering of high-risk anal HPV-genotypes 16 and 45 of young Black MSM in Houston. The 33rd Annual Meeting of the Japanese Society for AIDS Research, Kumamoto, Japan.

5. **Fujimoto, K.**, Khanna, A., Schneider, J.A., Zhao, J., Giuliano, A. R., Hwang, L.-Y., & Nyitray, A. (June, 2019). High-risk anal HPV-genotype transmission networks of young Black men who have sex with men in Houston: Support for assortative mixing based on HPV types 16 and 45. Poster presentation. XXXVIII International Sunbelt Social Network Conference, Montreal, Quebec, Canada.

6. **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.

7. **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 International Sunbelt Social Network Conference, Utrecht, Netherland.

8. **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.

9. **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.

10. **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 A854-0158-02102. Paris, France.

11. **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.

12. **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.

13. 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.

14. **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.

15. **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.

16. **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.

17. **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.

18. **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.

19. **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.

20. **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.

21. **Fujimoto, K.**, & Valente, T. W. (2011, August). Alcohol peer influence from participating in organized school activities. American Sociological Association, Las Vegas, NV.

22. **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.

23. **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.

24. **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.

25. **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.

26. **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.

27. **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.

28. **Fujimoto, K.** (2005, October). Structure of female labor market in Japan. Japanese Sociological Association, Tokyo, Japan.

29. **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.

30. **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.

31. **Fujimoto, K.** (2000, August). From women's college to work: Female labor market and institutional mechanism in Japan. American Sociological Association, Washington, DC.

32. **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.

TEACHING

Courses taught

Spring 2017–2020	PH1324: Applied Discrete Data Analysis Using Stata Department of Health Promotion & Behavioral Sciences UTHealth School of Public Health, Houston, TX
Fall 2015–2020	PH1321L: Social Networks and Health (Co-teach, 50%) Department of Health Promotion & Behavioral Sciences Department of Epidemiology, Human Genetics, & Environmental Sciences UTHealth School of Public Health, Houston, TX
Spring 2013–2016	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 SERVICE

GRANT REVIEW PANELS

Standing Committee Member
2019–present

Population and Public Health Approaches to HIV/AIDS (PPAH) Study Section, NIH

Ad Hoc Committee Member

2014–2019

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

International

2016–2019

Medical Research Council, UK Research and Innovation (UKRI)
The Netherlands Organisation of Health, Research and Development (ZonMw)
Israeli Science Foundation

Intramural

2015

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

MENTORSHIP SERVICE

Active NIH Career Development (K-Series) and Diversity Supplement Awards

NIH/NIAAA 1K01AA023849-01A1 (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

Diversity supplement (PI: Amith, Muhammad F.) 08/19–01/21
NIH/NIAID 1R01AI130460-01 (PI: Tao, Cui)
Role: Co-Mentor
"Dynamic learning for post-vaccine event prediction using temporal information in VAERS"

The goal is to develop tools and methods to represent temporal data of adverse events from unstructured clinical sources (EHR data warehouses and VAERS reports) as a network graph representation to better understand vaccine adverse events among patients.
Total: $293,520

Completed NIH/NSF Career Development and Graduate Research Fellowships Awards

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
Current position: Assistant professor (tenure track), University of Southern California

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
Current position: Assistant professor (tenure track), University of Florida

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
Current position: Assistant professor (tenure track), University of Miami

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
Current position: Assistant professor (tenure track), University of Texas, Arlington

EXTERNAL TENURE AND PROMOTION REVIEWS

2017–2020

American University
University of Wisconsin at Milwaukee
University of Texas at Tylor
Indiana University, Bloomington
University of Southern California

INVITED PRESENTATIONS & GUEST LECTURES/PRESENTER

1. Presenter for "Applied researches and methods" and Panelist (2019, November). The 31st Annual Dokkyo International Forum: Recent Trends in Social Network Analysis, Dokkyo University International Center, Dokkyo University, Saitama, Japan.

2. Presenter and Panelist for "The role of network analysis as a key method and theoretical approach for engaging in research on policymaking, knowledge/research evidence and health & youth outcomes" (2019, September). WTG (William T. Grant Foundation) Knowledge Networks and the Public Policymaking Process Workshop, University of Minnesota, Minneapolis, MN.

3. Panelist for "Sustaining a career in SGM health research" (2019, May). Regional Workshop on Sexual and Gender Minority (SGM) Health Research, hosted by NIH/Sexual & Gender Minority Research Office (SGMRO) & Emory University, Atlanta, GA.

4. Discussant for "The use of modeling methods and knowledge gained from alcohol behavioral research to advance HIV prevention interventions" (2019, January). Conference for Alcohol Behavioral HIV Prevention Research: Mechanisms and Intervention Development, hosted by NIH/NIAAA & Syracuse University, Bethesda, MD.

5. Presenter, Application of network modeling approach to HIV research among young men who have sex with men (2018, October). Modeling Social Dynamics & Health Behavior Conference, hosted by Public Health Dynamics Laboratory Center for Social Dynamics & Community Health, BCHS, University of Pittsburgh, PA.

6. Lecturer, Social network analysis applied to HIV research (2018, September). Seminar Series Present by Department of Health Policy & Management, Florida International University, Miami, FL.

7. Lecturer, 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.

8. Lecturer, Social network analysis in HIV/AIDS research (2017, April). Graduate College of Social Work, University of Houston, Houston, TX.

9. Presenter, 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.

10. Lecturer, 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.

11. Presenter, Application of social network analysis to HIV/AIDS research. (2016, January). AIDS Research Forum, Center for AIDS Research (CFAR) Baylor-UT, Houston, TX.

12. Presenter, Social network analysis in HIV/AIDS research. (2015, May). Retreat hosted by Global Security Sciences, Argonne National Laboratory, Argonne, IL.

13. Lecturer, 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.

14. Presenter, 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.

15. Presenter, 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.

16. Lecturer, Social network analysis in health behavioral research. (2014, September). IPHAM Seminar Series, Institute of Public Health & Medicine, Northwestern University, Chicago, IL.

17. Lecturer, 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.

18. Presenter, Introduction to exponential random graph modeling and new network method of bridging. (2010, November). Department of Health Studies, University of Chicago, Chicago, IL.

19. Lecturer, 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.

20. Panelist for "The framework of the IRB system in the United States and its problems." (2005, December). Kwansei Gakuen University, Hyogo, Japan.

JOURNAL REVIEWS

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

OTHER 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

INTRAMURAL PROFESSIONAL SERVICE

Committee Member

2020–present Chair, Faculty Search Committee
Department of Health Promotion & Behavioral Sciences
UTHealth School of Public Health

2019–present UTHealth Research Conflict of Interest (RCOI) Committee Member

2018 Faculty Search Committee Member (Methodology)
Department of Health Promotion & Behavioral Sciences
UTHealth School of Public Health

2017–2019 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 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

Mentorship for Junior Faculty

2019– Casey Durand, PhD, Assistant Professor, Department of Health Promotion & Behavioral Sciences, School of Public Health.

2018– Michael J. Wilkerson, PhD, Assistant Professor, Department of Health Promotion & Behavioral Sciences, School of Public Health.

Invited Presentations & Guest Lectures/Presenter

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.

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, Baylor College of Medicine