

## Curriculum Vitae Eric R. W. Rice, Ph.D.

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University of Southern California  
Suzanne Dworak-Peck School of Social Work  
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Los Angeles CA 90015  
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### EDUCATION

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- 2002-2004 Postdoctoral Fellow. NIMH AIDS Research Training Program. Department of Sociology, University of California Los Angeles.
- 1995-2002 Ph.D., Department of Sociology, Stanford University.  
(with Distinction on Ph.D. Proposal) Chair: Karen S. Cook
- 1995-1996 M.A., Department of Sociology, Stanford University.
- 1991-1995 B.A., with Honors, University of Chicago.  
Major: Sociology  
Phi Beta Kappa

### AREAS OF RESEARCH

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The use of artificial intelligence to augment evidence-based practice and decision making in social work science.

How to implement and design network-based interventions for homeless youth.

Housing intervention evaluation and community-level housing system design for persons experiencing homelessness.

How social media, mobile phones, and information technologies impact the social networks and sexual risk-taking of adolescents and young adults.

How social networks and the use of social networking technologies impact risk-taking and resilience among homeless youth.

### PROFESSIONAL EXPERIENCE

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- 2016-present **Founding Director. USC Center for Artificial Intelligence in Society.**
- 2015-present **Associate Professor. University of Southern California. School of Social Work. Los Angeles, CA.**
- 2009-2015 **Assistant Professor. University of Southern California. School of Social Work. Los Angeles, CA.**
- 2004-2009 **Assistant Research Sociologist. University of California Los Angeles, Semel Institute for Neuroscience and Human Behavior, Center for Community Health. Los Angeles, CA.** Research focus: Social network models

of HIV risk factors for homeless adolescents; effects of HIV on family functioning and developmental tasks for adolescents of families affected by HIV/AIDS. HIV transmission behaviors and secondary HIV prevention for HIV+ women.

- 2004-2007 **Project Director. University of California Los Angeles, Semel Institute for Neuroscience and Human Behavior, Center for Community Health. Los Angeles, CA.** Directed the implementation of NIMH-funded R01 grant, "Mothers Living with HIV and their Adolescent Children" (Rotheram-Borus, Principal Investigator). The study was a randomized control trial of a family-based HIV coping and prevention intervention (n= 968).
- 2002-2004 **Research Assistant. University of California Los Angeles, Semel Institute for Neuroscience and Human Behavior, Center for Community Health. Los Angeles, CA.** Research focus: HIV risk factors and adolescent homelessness; influence networks for at risk adolescents; safe sex practices and disclosure for young people living with HIV/AIDS; coping with chronic illness for mothers living with HIV and their adolescent children.
- 2000-2002 **Research Assistant. Stanford University, Libraries. Stanford, CA.** Research focus: Archival data collection of World Trade Organization internal legal documents and trade agreements.
- 1996-2002 **Research Assistant. Stanford University, Department of Sociology. Stanford, CA.** Research focus: The effects of social uncertainty and social power on social exchange networks.
- 1994-1995 **Research Assistant. State University of New York at Buffalo, Department of Epidemiology. Buffalo, NY.** Research focus: The impact of socio-economic status on mortality rates over time.

#### **HONORS AND SPECIAL AWARDS**

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- 2013 Sterling C. Franklin Distinguished Faculty Award for research and scholarship, USC School of Social Work
- 2012 Early Career Reviewer, (ECR) program at the Center for Scientific Review (CSR), National Institute of Health ([www.csr.nih.gov/ECR](http://www.csr.nih.gov/ECR))
- 2012 ECPN John B. Reid Early Career Award, Society for Prevention Research
- 2004-2006 National Institutes of Health, Loan Repayment Program for Clinical Research
- 2001 The Barbara and Sanford Dornbusch Award in Social Psychology (Outstanding Graduate Student in Social Psychology), Stanford University
- 1997-1998 William H. Metzler Fellowship in Sociology, Stanford University
- 1995 Phi Beta Kappa honor society inductee, University of Chicago
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## RESEARCH GRANTS RECEIVED

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- 2020-present **Principal Investigator.** Hilton Foundation, Home for Good. “Coordinated Entry System Trial Tool Redesign Research Project” (estimated total \$1,500,000) 1/1/2020 – 12/31/2022 (PI: Eric Rice, USC)
- 2018-present **Senior Personnel.** National Science Foundation. 1831770. “S&CC: Landslide Risk Management in Remote Communities: Integrating Geoscience, Data Science, and Social Science in Local Context” (estimated total \$2,100,974) 10/1/2018 – 9/30/2021 (PI: Robert Lempert, RAND)
- 2017-present **Principal Investigator.** Army Research Office. W911NF1710445. “Predictive Modeling for Early Identification of Suicidal Thinking in Social Networks” (estimated total \$598,806) 8/1/2017 – 3/31/2021 (PI: Eric Rice, USC)
- 2016-present **Principal Investigator.** California HIV/AIDS Research Program. “Peers and Social Media to Promote HIV Testing and Treatment for Homeless Youth” (estimated total \$998,724) 4/1/2016 – 3/31/2021 (PI: Eric Rice, USC)
- 2017-2019 **Co-Principal Investigator.** Gift grant to support field study in India to USC Center for Artificial Intelligence in Society, approx \$25,000 Individual donor (name withheld for anonymity)
- 2018 **Co-Principal Investigator.** Microsoft Research India. Gift grant to support collaborations with USC Center for Artificial Intelligence in Society, \$115,000.
- 2017-2018 **Co-Principal Investigator.** Schmidt Futures. Gift grant to support summer fellows at USC Center for Artificial Intelligence in Society, \$250,000.
- 2016-2019 **Co-Investigator.** National Institute of Mental Health. R01MH110206, “Understanding HIV Risk Environment for Youth in Supportive Housing,” 9/1/2016-8/1/2019 (PI: Benjamin Henwood)
- 2014-2018 **Co-Investigator.** National Institute on Drug Abuse. R01DA036345. “HIV Risk, Drug Use, Social Networks: Homeless Persons Transitioned to Housing.” (Estimated total \$2,700,000): (PI: Suzanne Wenzel, USC).
- 2014-2017 **Consultant.** National Institute on Drug Abuse. R21DA037816. “Social Networks and Technology Use of Transgender Women with/at High Risk for HIV.” (estimated total \$353,997): (PI: Cathy Rebak, Friends Research Institute).
- 2012-2016 **Consultant.** Administration for Children and Families/DHHS. “Building Capacities/Making Connections: A Multi-Year Study of Human and Social Capital Development through the HIP Career Pathways Initiative.” (estimated total \$1,480,000): (PI: Cheryl Hyde, Temple University).
- 2011-2014 **Principal Investigator.** National Institute of Mental Health. R01MH093336. “HIV Risk in Large Social Networks of Homeless Youth” (estimated total \$1,967,765); 3/1/2011 – 2/28/2014. (PI: Eric Rice, USC)
- 2007-2012 **Principal Investigator.** National Institute of Mental Health. K01MH080605. “Social Network-Based HIV Prevention for Homeless Youth.” (estimated total \$681,446); 2/28/2007-2/28/2012. (PI: Eric Rice, USC)

- 2004-2007 **Co-Investigator & Project Director.** National Institute of Mental Health. R01MH068194. "Mothers Living with HIV and their Adolescent Children" (estimated total \$6,992,513); 09/15/03 - 06/30/08. (PI: Mary Jane Rotheram-Borus, UCLA).
- 2004-2005 **Co-Investigator.** National Institute of Mental Health. P30MH58107. "Center for HIV Identification, Prevention, and Treatment Services (CHIPTS)" (estimated total \$9,984,062); 1/01/02 - 12/31/06. (PI: Mary Jane Rotheram-Borus, UCLA).
- 2003 **Principal Investigator.** UCLA Center for HIV Intervention, Prevention, and Treatment Services, Pilot Grant Program: "Social Networks as Pathways into HIV/AIDS Risk Behaviors for Homeless Young People." (estimated total \$11,582). (PI: Rice, UCLA).
- 2002-2004 **Postdoctoral Investigator.** National Institute of Mental Health. R01MH61185. "Adolescent Trajectories for Homelessness and Risk for HIV" (estimated total \$3,533,732); 09/30/99 - 05/31/05. (PI: Norweeta G. Milburn, UCLA).
- 2002 **Student Principal Investigator.** National Science Foundation Dissertation Enhancement Grant: "The Effect of Social Uncertainty in Networks of Social Exchange" (estimated total \$7360), (Sponsor: Karen S. Cook, Stanford University).

#### ACADEMIC MENTORING – FUNDED MENTEES

- 2018- 2019 Jaih Craddock  
Sponsor for funded NIMH F31
- 2016-2018 Amanda Yoshioka-Maxwell  
Sponsor for funded NIMH F31
- 2016-2018 Robin Petering  
Sponsor for funded NIMH F31
- 2014-present Alia Al-Tayyib  
Co-Mentor for funded NIDA K01
- 2013 Anamika Barman-Adhikari  
Sponsor for funded NIMH F31 (declined due to early graduation)
- 2012-2016 Sonya Negriff  
Consultant for funded NICHD K01
- 2010-2012 Ian W. Holloway  
Co-Sponsor funded NIDA F31

## PUBLICATIONS

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- A. Research Papers – Peer Reviewed (155 total)  
(\* indicates first authors who are students or mentees, or projects for which I am senior author)
1. \*Um, M. Y., **Rice, E.**, Palinkas, L. A., & Kim, H. J. (2020). Migration-Related Stressors and Suicidal Ideation in North Korean Refugee Women: The Moderating Effects of Network Composition. *Journal of Traumatic Stress*.
  2. \*Yoshioka-Maxwell, A., & **Rice, E.** (2020). Exploring the Relationship between Foster Care Experiences and Social Network Engagement Among a Sample of Homeless Former Foster Youth. *Children and Youth Services Review*, 105132.
  3. \*Begun, S., Barman-Adhikari, A., O'Connor, C., & **Rice, E.** (2020). Social support and pregnancy attitudes among youth experiencing homelessness. *Children and Youth Services Review*, 113, 104959.
  4. \*Combs, K. M., Barman-Adhikari, A., Begun, S., & **Rice, E.** (2020). Relationships Between Parenting and Dangerous Substance Use Behaviors Among Youth Experiencing Homelessness. *Journal of the Society for Social Work and Research*, 11(1), 1-20.
  5. \*Brown, S. M., Barman-Adhikari, A., Combs, K. M., & **Rice, E.** (2020). Sociodemographic and substance use characteristics associated with typologies and composition of social support networks among youth experiencing homelessness in Los Angeles, USA. *Health & Social Care in the Community*, 28(2), 533-543.
  6. \*DiGuseppi, G. T., Davis, J. P., Leightley, D., & **Rice, E.** (2020). Predictors of Adolescents' First Episode of Homelessness Following Substance Use Treatment. *Journal of Adolescent Health*.
  7. Barman-Adhikari, A., Hsu, H. T., Micheas, L., Brown, S., Haloi, O., & **Rice, E.** (2020). A sociometric approach to understanding concordance in substance use perceptions among youth experiencing homelessness. *Journal of the Society for Social Work and Research*, 11(2), 185-209.
  8. \*Craddock, J. B., Barman-Adhikari, A., Combs, K. M., Fulginiti, A., & **Rice, E.** (2020). Individual and Social Network Correlates of Sexual Health Communication Among Youth Experiencing Homelessness. *AIDS and Behavior*, 24(1), 222-232.
  9. \*DiGuseppi, G. T., Davis, J. P., Christie, N. C., & **Rice, E.** (2020). Polysubstance use among youth experiencing homelessness: The role of trauma, mental health, and social network composition. *Drug and alcohol dependence*. Advance online publication.

10. Young, L. E., Mayaud, J., Suen, S. C., Tambe, M., & **Rice, E.** (2020). Modeling the dynamism of HIV information diffusion in multiplex networks of homeless youth. *Social Networks*, 63, 112-121.
11. Milburn, N. G., Klomhous, A. M., Comulada, W. S., Lopez, S. A., Bath, E., Amani, B., Jackson, J., Lee, A., Rice, E., Seeman, A., & Kim, B. K. E. (2020). Reconnecting homeless adolescents and their families: Correlates of participation in a family-based intervention. *Prevention Science*. Advance online publication.
12. Um, M. Y., Rice, E., Lee, J. O., Kim, H. J., & Palinkas, L. A. (2020). Suicidal ideation among North Korean refugees in South Korea: Exploring the influence of social network characteristics by gender. *Transcultural Psychiatry*. Advance online publication.
13. La Motte-Kerr, W., Rhoades, H., Henwood, B. F., Rice, E., & Wenzel, S. (2020). Exploring the association of community integration in mental health among formerly homeless individuals living in permanent supportive housing. *American Journal of Community Psychology*. Advance online publication.
14. Rhoades, H., Hsu, H.-T., Rice, E., Harris, T., LaMotte-Kerr, W., Winetrobe, H., Henwood, B., & Wenzel, S. L. (2020). Social network change after moving into permanent supportive housing: Who stays and who goes? *Network Science*. Advance online publication.
15. \*Fulginiti, A., Negriff, S., Call, J., & **Rice, E.** (2019). Does the source matter? Social support and suicide attempts among homeless youth. *Death studies*, 1-8.
16. \*Srivastava, A., Petering, R., Barr, N., Kannan, R., **Rice, E.**, & Prasanna, V. K. (2019). Network-based intervention strategies to reduce violence among homeless. *Social Network Analysis and Mining*, 9(1), 38.
17. \*Karusala, N., Wilson, J., Vayanos, P., & **Rice, E.** (2019). Street-Level Realities of Data Practices in Homeless Services Provision. *Proceedings of the ACM on Human-Computer Interaction*, 3(CSCW), 1-23.
18. \*Hsu, H. T., **Rice, E.**, Wilson, J., Semborski, S., Vayanos, P., & Morton, M. (2019). Understanding Wait Times in Rapid Re-Housing Among Homeless Youth: A Competing Risk Survival Analysis. *The journal of primary prevention*, 40(5), 529-544.
19. \*Srivastava, A., Rusow, J. A., Holguin, M., Semborski, S., Onasch-Vera, L., Wilson, N., & **Rice, E.** (2019). Exchange and Survival Sex, Dating Apps, Gender Identity, and Sexual Orientation Among Homeless Youth in Los Angeles. *The journal of primary prevention*, 40(5), 561-568.
20. Wenzel, S. L., Rhoades, H., La Motte-Kerr, W., Duan, L., Harris, T., **Rice, E.**, & Henwood, B. F. (2019). Do HIV risk and prevention behaviors change over time among adults in permanent supportive housing?. *AIDS care*, 31(9), 1172-1177.

21. Davis, J. P., DiGiuseppi, G., De Leon, J., Prindle, J., Sedano, A., Rivera, D., ... & **Rice, E.** (2019). Understanding pathways between PTSD, homelessness, and substance use among adolescents. *Psychology of Addictive Behaviors*, 33(5), 467.
22. \*Klemmer, C. L., Rusow, J., Goldbach, J., Kattari, S. K., & **Rice, E.** (2019). Socially assigned gender nonconformity and school violence experience among transgender and cisgender adolescents. *Journal of interpersonal violence*, 0886260519844781.
23. \*Harris, T., Dunton, G., Henwood, B., Rhoades, H., **Rice, E.**, & Wenzel, S. (2019). Los Angeles housing models and neighbourhoods' role in supportive housing residents' social integration. *Housing studies*, 34(4), 609-635.
24. \*Yoshioka-Maxwell, A., & **Rice, E.** (2019). Exploring the relationship between foster care experiences and HIV risk behaviors among a sample of homeless former foster youth. *AIDS and Behavior*, 23(3), 792-801.
25. Henwood, B. F., Redline, B., Dzibur, E., Madden, D. R., Rhoades, H., Dunton, G. F., ... & Intille, S. S. (2019). Investigating Health Risk Environments in Housing Programs for Young Adults: Protocol for a Geographically Explicit Ecological Momentary Assessment Study. *JMIR research protocols*, 8(1), e12112.
26. Cox, R., Henwood, B., Rodnyansky, S., **Rice, E.**, & Wenzel, S. (2019). Road Map to a Unified Measure of Housing Insecurity. *Cityscape*, 21(2), 93-128.
27. \*Chan, H., Tran-Thanh, L., Wilder, B., **Rice, E.**, Vayanos, P., & Tambe, M. (2018, December). Utilizing Housing Resources for Homeless Youth Through the Lens of Multiple Multi-Dimensional Knapsacks. In *Proceedings of the 2018 AAAI/ACM Conference on AI, Ethics, and Society* (pp. 41-47).
28. **Rice, E.**, Yoshioka-Maxwell, A., Petering, R., Onasch-Vera, L., Craddock, J., Tambe, M., ... & Wilson, N. (2018). Piloting the use of artificial intelligence to enhance HIV prevention interventions for youth experiencing homelessness. *Journal of the Society for Social Work and Research*, 9(4), 551-573.
29. \*Hsu, H. T., Fulginiti, A., **Rice, E.**, Rhoades, H., Winetrobe, H., & Danforth, L. (2018). But everyone is doing it (sort of)! Perceived sexual risks in the social environment and the impact on homeless youth engagement in concurrent sexual relationships. *AIDS and Behavior*, 22(11), 3508-3518.

30. \*Petering, R., Barr, N., & **Rice, E.** (2018). Can better emotion regulation protect against interpersonal violence in homeless youth social networks?. *Journal of interpersonal violence*, 0886260518804183.
31. Rhoades, H., La Motte-Kerr, W., Duan, L., Woo, D., **Rice, E.**, Henwood, B., ... & Wenzel, S. L. (2018). Social networks and substance use after transitioning into permanent supportive housing. *Drug and alcohol dependence*, 191, 63-69.
32. \*Crosby, S. D., Hsu, H. T., Jones, K., & **Rice, E.** (2018). Factors that contribute to help-seeking among homeless, trauma-exposed youth: A social-ecological perspective. *Children and Youth Services Review*, 93, 126-134.
33. \*Chan, H., **Rice, E.**, Vayanos, P., Tambe, M., & Morton, M. (2018, September). From Empirical Analysis to Public Policy: Evaluating Housing Systems for Homeless Youth. In *Joint European Conference on Machine Learning and Knowledge Discovery in Databases* (pp. 69-85). Springer, Cham.
34. \*Srivastava, A., Petering, R., Kannan, R., **Rice, E.**, & Prasanna, V. K. (2018, August). How to stop violence among homeless: extension of voter model and intervention strategies. In *2018 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM)* (pp. 83-86). IEEE.
35. \*Yadav, A., Wilder, B., **Rice, E.**, Petering, R., Craddock, J., Yoshioka-Maxwell, A., ... & Woo, D. (2018, July). Bridging the gap between theory and practice in influence maximization: raising awareness about HIV among homeless youth. In *Proceedings of the 27th International Joint Conference on Artificial Intelligence* (pp. 5399-5403).
36. \*Wilder, B., Onasch-Vera, L., Hudson, J., Luna, J., Wilson, N., Petering, R., ... & **Rice, E.** (2018, July). End-to-End Influence Maximization in the Field. In *AAMAS* (Vol. 18, pp. 1414-1422).
37. \*Yadav, A., Noothigattu, R., **Rice, E.**, Onasch-Vera, L., Soriano Marcolino, L., & Tambe, M. (2018, July). Please be an Influencer? Contingency-Aware Influence Maximization. In *Proceedings of the 17th International Conference on Autonomous Agents and MultiAgent Systems* (pp. 1423-1431).
38. \*Moore, H., Benbenishty, R., Astor, R. A., & **Rice, E.** (2018). The positive role of school climate on school victimization, depression, and suicidal ideation among school-attending homeless youth. *Journal of school violence*, 17(3), 298-310.
39. Siantz, E., **Rice, E.**, Henwood, B., & Palinkas, L. (2018). Where do peer providers fit into newly integrated mental health and primary care teams? A mixed method



study. *Administration and Policy in Mental Health and Mental Health Services Research*, 45(4), 538-549.

40. \*Azizi, M. J., Vayanos, P., Wilder, B., **Rice, E.**, & Tambe, M. (2018, June). Designing fair, efficient, and interpretable policies for prioritizing homeless youth for housing resources. In *International Conference on the Integration of Constraint Programming, Artificial Intelligence, and Operations Research*(pp. 35-51). Springer, Cham.
41. \*Henwood, B. F., Redline, B., & **Rice, E.** (2018). What do homeless transition-age youth want from housing interventions?. *Children and Youth Services Review*, 89, 1-5.
42. \*Rahmattalabi, A., Adhikari, A. B., Vayanos, P., Tambe, M., **Rice, E.**, & Baker, R. (2018, April). Influence Maximization for Social Network Based Substance Abuse Prevention. In *Thirty-Second AAAI Conference on Artificial Intelligence*.
43. \*Wilder, B., Immorlica, N., **Rice, E.**, & Tambe, M. (2018, April). Maximizing influence in an unknown social network. In *Thirty-Second AAAI Conference on Artificial Intelligence*.
44. \*Zhao, Q., Kim, B. E., Li, W., Hsiao, H. Y., & **Rice, E.** (2018). Incarceration history, social network composition, and substance use among homeless youth in Los Angeles. *Journal of addictive diseases*, 37(1-2), 64-76.
45. Henwood, B. F., Redline, B., Semborski, S., Rhoades, H., **Rice, E.**, & Wenzel, S. L. (2018). What's Next? A Theory on Identity Preservation for Young Adults in Supportive Housing. *Cityscape*, 20(3), 87-100.
46. **Rice, E.**, Holguin, M., Hsu, H. T., Morton, M., Vayanos, P., Tambe, M., & Chan, H. (2018). Linking homelessness vulnerability assessments to housing placements and outcomes for youth. *Cityscape*, 20(3), 69-86.
47. \*Barman-Adhikari, A., Craddock, J., Bowen, E., Das, R., & **Rice, E.** (2018). The relative influence of injunctive and descriptive social norms on methamphetamine, heroin, and injection drug use among homeless youths: The impact of different referent groups. *Journal of Drug Issues*, 48(1), 17-35.
48. **Rice, E.**, Craddock, J., Hemler, M., Rusow, J., Plant, A., Montoya, J., & Kordic, T. (2018). Associations between sexting behaviors and sexual behaviors among mobile phone-owning teens in Los Angeles. *Child Development*, 89(1), 110-117.
49. Henwood, B. F., Rhoades, H., Hsu, H. T., Couture, J., **Rice, E.**, & Wenzel, S. L. (2017). Changes in social networks and HIV risk behaviors among homeless adults transitioning into

permanent supportive housing: A mixed methods pilot study. *Journal of Mixed Methods Research*, 11(1), 124-137.

50. \*Barman-Adhikari, A., Al Tayyib, A., Begun, S., Bowen, E., & **Rice, E.** (2017). Descriptive and injunctive network norms associated with nonmedical use of prescription drugs among homeless youth. *Addictive behaviors*, 64, 70-77.
51. Cederbaum, J. A., **Rice, E.**, Craddock, J., Pimentel, V., & Beaver, P. (2017). Social networks of HIV-positive women and their association with social support and depression symptoms. *Women & health*, 57(2), 268-282.
52. Rhoades, H., Wenzel, S. L., **Rice, E.**, Winetrobe, H., & Henwood, B. (2017). No digital divide? Technology use among homeless adults. *Journal of Social Distress and the Homeless*, 26(1), 73-77.
53. \*Yadav, A., Chan, H., Jiang, A. X., Xu, H., **Rice, E.**, Petering, R., & Tambe, M. (2017). Using social networks to raise HIV awareness among homeless youth. *IBM Journal of Research and Development*, 61(6), 4-1.
54. \*Yoshioka-Maxwell, A., & **Rice, E.** (2017). Exploring the impact of network characteristics on substance use outcomes among homeless former foster youth. *International journal of public health*, 62(3), 371-378.
55. \*Azizi, M. J., Vayanos, P., Wilder, B., **Rice, E.**, & Tambe, M. (2018, June). Designing Fair, Efficient, and Interpretable Policies for Prioritizing Homeless Youth for Housing Resources. In *International Conference on the Integration of Constraint Programming, Artificial Intelligence, and Operations Research* (pp. 35-51). Springer, Cham.
56. \*Chan, H., **Rice, E.**, Vayanos, P., Tambe, M., & Morton, M. (2017). Evidence from the past: Ai decision aids to improve housing systems for homeless youth. In *AAAI 2017 Fall Symposium Series*.
57. \*Wilder, B., Immorlica, N., **Rice, E.**, & Tambe, M. (2017). Influence Maximization with an Unknown Network by Exploiting Community Structure. In *SocInf@IJCAI* (pp. 2-7).
58. \*Yadav, A., Chan, H., Jiang, A. X., Xu, H., **Rice, E.**, & Tambe, M. (2017). Maximizing awareness about HIV in social networks of homeless youth with limited information. In *Proceedings of the 26th International Joint Conference on Artificial Intelligence* (pp. 4959-4963). AAAI Press.

59. **Rice, E.**, Petering, R., Stringfellow, E., & Craddock, J. B. (2017). Innovations in Community-Based and Interdisciplinary Research: A Network Perspective on Innovation in Social Work Science. *Research on Social Work Practice*, 27(2), 189-193.
60. **Rice E.**, Yoshioka-Maxwell A, Rhoades H, Winetrobe H, Petering R, et al. (2017) Population-Level Network Structure over Time and Marijuana Use among Homeless Youth. *J Subst Abuse Alcohol* 5(1): 1052.
61. \*Harris, T., **Rice, E.**, Rhoades, H., Winetrobe, H., & Wenzel, S. (2017). Gender Differences in the Path From Sexual Victimization to HIV Risk Behavior Among Homeless Youth. *Journal of Child Sexual Abuse*, 26(3), 334-351.
62. \*Yadav, A., Wilder, B., **Rice, E.**, Petering, R., Craddock, J., Yoshioka-Maxwell, A., ... & Woo, D. (2017, May). Influence maximization in the field: The arduous journey from emerging to deployed application. In Proceedings of the 16th Conference on Autonomous Agents and MultiAgent Systems (pp. 150-158). International Foundation for Autonomous Agents and Multiagent Systems.
63. \*Winetrobe, H., Rhoades, H., **Rice, E.**, Milburn, N., & Petering, R. (2017). "I'm not homeless, I'm houseless": identifying as homeless and associations with service utilization among Los Angeles homeless young people. *Journal of Social Distress and the Homeless*, 26(1), 16-24.
64. \*Barman-Adhikari, A., Hsu, H. T., Begun, S., Portillo, A. P., & **Rice, E.** (2017). Condomless Sex Among Homeless Youth: The Role of Multidimensional Social Norms and Gender. *AIDS and Behavior*, 21(3), 688-702.
65. \*Pahwa, R., Fulginiti, A., Brekke, J. S., & **Rice, E.** (2017). Mental illness disclosure decision making. *American Journal of Orthopsychiatry*, 87(5), 575.
66. \*Petering, R., Rhoades, H., Winetrobe, H., Dent, D., & **Rice, E.** (2017). Violence, trauma, mental health, and substance use among homeless youth Juggalos. *Child Psychiatry & Human Development*, 48(4), 642-650.
67. \*Wilder, B., Yadav, A., Immorlica, N., **Rice, E.**, & Tambe, M. (2017). Uncharted but not Uninfluenced: Influence Maximization with an uncertain network. In Proceedings of the 16th Conference on Autonomous Agents and MultiAgent Systems (pp. 1305-1313). International Foundation for Autonomous Agents and Multiagent Systems.
68. \*Barman-Adhikari, A., Craddock, J., Bowen, E., Das, R., & **Rice, E.** (2017). The Relative Influence of Injunctive and Descriptive Social Norms on Methamphetamine, Heroin, and Injection Drug Use Among Homeless Youths: The Impact of Different Referent Groups. *Journal of Drug Issues*, 0022042617726080.

69. \*Kattari, S. K., Barman-Adhikari, A., DeChants, J., & **Rice, E.** (2017). Social networks and sexual risk factor differences between cisgender heterosexual and cisgender LGBTQ homeless youths. *Journal of Gay & Lesbian Social Services*, 29(2), 182-200.
70. \*Barr, N., Fulginiti, A., Rhoades, H., & **Rice, E.** (2017). Can better emotion regulation protect against suicidality in traumatized homeless youth?. *Archives of suicide research*, 21(3), 490-501.
71. Rhoades, H., Wenzel, S. L., **Rice, E.**, Winetrobe, H., & Henwood, B. (2017). No digital divide? Technology use among homeless adults. *Journal of Social Distress and the Homeless*, 26(1), 73-77.
72. Winetrobe, H., Wenzel, S., Rhoades, H., Henwood, B., **Rice, E.**, & Harris, T. (2017). Differences in Health and Social Support between Homeless Men and Women Entering Permanent Supportive Housing. *Women's Health Issues*, 27(3), 286-293.
73. \*Barman-Adhikari, A., Al Tayyib, A., Begun, S., Bowen, E., & **Rice, E.** (2017). Descriptive and injunctive network norms associated with nonmedical use of prescription drugs among homeless youth. *Addictive Behaviors*, 64, 70-77.
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6. **Rice, E.** (2013). Creating a TAY Triage Tool: Prioritizing Transition Age Youth (TAY) for Permanent Supportive Housing. [http://www.csh.org/wp-content/uploads/2013/06/TAY-PSH-Targeting-Tool\\_061313.pdf](http://www.csh.org/wp-content/uploads/2013/06/TAY-PSH-Targeting-Tool_061313.pdf)
7. **Rice, E.**, Winetrobe H., & Rhoades H. (2013). "Hollywood Homeless Youth Point-in-Time Estimate Project: An Innovative Method for Enumerating Unaccompanied Homeless Youth" [http://hhyp.org/wp-content/uploads/2013/02/HHYP\\_Point-in-Time\\_Brief\\_5.pdf](http://hhyp.org/wp-content/uploads/2013/02/HHYP_Point-in-Time_Brief_5.pdf)
8. **Rice, E.**, Winetrobe H., Rhoades H., Carmichael, H., Williams P., & Milburn N.G. (2011). "The Impact of Internet Access on Homeless Youth". <https://homelessness.usc.edu/files/2013/06/Impact-of-Internet-Access-on-Homeless-Youth-White-Paper-110811.pdf>
9. *Fulginiti A.* & **Rice E.** (2011). "United We Stand, Divided We Fall: Connectedness, Social Media, and Suicide in the Military." [http://cir.usc.edu/wp-content/uploads/2011/11/Policy\\_Briefs/Brief\\_Jun2011.pdf](http://cir.usc.edu/wp-content/uploads/2011/11/Policy_Briefs/Brief_Jun2011.pdf)

## PRESENTATIONS

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### INVITED PRESENTATIONS:

#### National Conferences and Federal Agency Invitations:

**Rice, E., Morton, M., Hsu, H.** December 2018. "Rapid Rehousing: Successes, Disparities, and Next Steps." Presented at Presented at National Alliance to End Homelessness "All the Latest on Rapid Re-Housing for Youth!" Webinar.

**Rice, E.** February, 2018. *Linking Assessment to Housing and Outcomes: Preliminary Results using the NST Tool*. Presented at National Alliance to End Homelessness Annual meeting of Youth and Family Housing. Los Angeles, CA.

**Rice, E.** February, 2018. *Linking Assessments to Housing and Outcomes: Preliminary Results from 10,922 Youth from 16 Communities across the Country*. Presented at A Way Home America's State of the Movement Conference. Los Angeles, CA.

**Rice, E.** *How Artificial Intelligence Can Improve Prevention Science*. May, 2018. Invited Plenary Session I, Optimizing Prevention Through Innovative Use Of Big Data To Reduce Health Disparities. Presented at Society for Prevention Research. Washington, DC.

**Rice, E.** February, 2018. *Linking Assessments to Housing and Outcomes*. Presented at Point Source Youth's Annual Conference. New York, NY.

Tambe, M. & **Rice, E.** How AI Can Be Used to Tackle Social Problems in California. January, 2018. Presented to State Legislators in the Little Hoover Commission. Sacramento, CA.

**Rice, E.** *How Social Work Science Can Use Social Networks and A.I. for HIV Prevention among Homeless Youth*. August, 2017. Presented to NIH Office of Behavioral and Social Science Research. Washington, DC.

**Rice E.** (2014, February). *Youth At Risk of Homelessness Technical Assistance Webinar*. Invited by U.S. Administration for Children, Youth and Families (ACYF). Washington, D.C.

**Rice E.** (2014, February). *Engaging Homeless Youth through Social Media*. Invited by National Alliance to End Homelessness at National Conference on Ending Homelessness. New Orleans, L.A.

**Rice E.** (2014, February). *A Triage Tool for Homeless Youth: Identifying Youth Most in Need of Permanent Supportive Housing*. Invited by National Alliance to End Homelessness at National Conference on Ending Homelessness. New Orleans, L.A.

**Rice E.** (2013, July). *A Triage Tool for Homeless Youth: Proposed Items and Method*. Invited by National Alliance to End Homelessness at National Conference on Ending Homelessness. Washington, D.C.

Morton M., **Rice E.**, & Shelton, J. (2012, November). *YouthCount! Webinar Series: Culturally Appropriate & Sensitive Data Collection*. Invited by interagency workgroup from the US Interagency Council on Homelessness (USICH) and the US Departments of Education (ED), Health & Human Services (HHS), and Housing & Urban Development (HUD).  
<http://nationalsafeplace.ilinc.com/join/rfwkphy>

**Rice E.** (2012, February). *Programming Needs for Homeless Youth: Research-Based Recommendations*. Invited by National Alliance to End Homelessness at National Conference on Ending Youth and Family Homelessness. Los Angeles, CA.

**Rice E.** (2010, June). *Panel Discussion - Vulnerable Populations*. Invited by North American Housing Coalition at the North American Housing and HIV/AIDS Research Summit. Summit V: Evidence into Action, Toronto, Canada.

#### **Local University and Agency Invitations:**

**Rice, E.** October, 2017. *Predictive Risk Modelling: Machine Learning and the NST Tool*. Presented to Los Angeles Housing Service Authority Annual All Staff Meeting. Los Angeles, CA.

**Rice, E.** October, 2017. Using AI to Improve HIV Prevention Interventions for Homeless Youth. Presented at Workshop on AI for Social Good hosted by Microsoft Research, Bangalore India.

**Rice E.** (2014, April). *Social Media for Outreach and Service Engagement among LGBT Homeless Youth*. Presented at Los Angeles County Homeless Youth Research Symposium. Los Angeles, CA.

**Rice E.** (2014, February). *How Technology Reduces the Risk Taking of Homeless Youth*. Presented at Innovative Used for Technology for HIV Preventions & Care: Evidence, Challenges, & The Way Forward. Los Angeles, CA.

**Rice E.** (2013, June). *TAY Triage Tool - Targeting Transition Age Youth for Permanent Supportive Housing*. Presented at The Los Angeles County Department of Mental Health, 6th Annual Housing Institute "Moving Forward Together..." Finding Collaborative Solutions in Permanent Housing. Los Angeles, CA.

**Rice E.** (2013, April). *The scope of youth homelessness in Los Angeles*. Presented at Los Angeles County Homeless Youth Research Symposium. Los Angeles, CA.

**Rice E.** & Holloway I.W. (2012, September). *Grindr: Sex Risk and HIV Prevention Opportunities for Young Men Who Have Sex with Men*. Presented at Center for Strengthening Youth Prevention Paradigms, Children's Hospital. Los Angeles, CA.

Mor Barak M., Jordan-Marsh M., & **Rice E.** (2012, May) *Translational science, Interactive Media and Informatics in Doctoral Education: Research and Intervention Application*. GADE, Portland, OR.

**Rice E.** (2012, February). *Social Networks, Sexting, and Youth: "Our Results"*. Presented at Los Angeles Unified School District AIDS Update Conference. Los Angeles, CA.

**Rice E.** & Carmichael H. (2011, October). *Working with Community-Based Researchers Focused on Transition Aged Youth*. Presented at CA Wellness Foundation Conference. San Francisco, CA.

**Rice E.** (2011, February). *HIV/AIDS Risk and Access to Social Media among Homeless Youth*. Presented at Center for Strengthening Youth Prevention Paradigms, Children's Hospital. Los Angeles, CA.

**Rice E.** (2010, October). *Social Networking of HIV Patients or... Social Networking for HIV Prevention. 2010 HIV/AIDS*. Presented at SPECTRUM / Drew Center for AIDS Research, Education and Services, Charles Drew University. Los Angeles, CA.

**Rice E.** (2010, September). *Social Networks and Youth*. Presented at HIV/AIDS Data Summit, Los Angeles County Prevention Planning Committee. Los Angeles, CA.



**Rice E.** (2010, September). *Social Networking of HIV Patients or... Social Networking for HIV Prevention*. Presented at Department of Psychiatry and Human Behavior, Charles Drew University. Los Angeles, CA.

**Rice, E.** (2010, September). *Social networks and youth*. Presented at the Los Angeles County Prevention Planning Committee HIV/AIDS Data Summit, Los Angeles, CA.

Tulbert, E. & **Rice, E.** (2009, August). *Social networks and social networking technology for preventing HIV/AIDS among homeless youth*. Presented at the Los Angeles County Prevention Planning Committee, Los Angeles, CA.

**Rice, E.** (2008, February). *An introduction to applying social network analysis to behavioral research on HIV/AIDS*. Presented at the CCH/HSRC/EXPORT Methods Seminar (UCLA-Semel Institute Center for Community Health, UCLA-Semel Institute Health Services Research Center, Drew-UCLA EXPORT Center), Los Angeles, CA.

#### PEER REVIEWED PRESENTATIONS:

Rahmattalabi, A. , Vayanos, P., Fulginiti, A., **Rice, E.**, Wilder, B., Yadav, A., & Tambe, M. 2019. *Exploring Algorithmic Fairness in Robust Graph Covering Problems*. Presented at the 33<sup>rd</sup> Conference on Neural Information Processing Systems (NeurIPS). Vancouver, Canada.

La-Motte-Kerr, W., Rhoades, H., Henwood, B., **Rice, E.**, Esparza, N. & Wenzel, S. 2019. *Support Needs among Permanent Supportive Housing Residents*. Presented at the American Public Health Association Annual Meeting. Philadelphia, PA.

Srivastava, A., Rusow, J., Holguin, M., Semborski, S., & **Rice, E.** 2019. *Exchange Sex, Gender Identity, and Sexual Orientation among Homeless Youth in Los Angeles*. Presented at the Society for Social Work Research. San Francisco, CA.

**Rice, E.** & Holguin, M. *Linking Assessment Tools to Housing Placements and Successful Outcomes for Youth Experiencing Homelessness*. Presented at the Society for Social Work Research. San Francisco, CA.

Petering, R., Onasch-Vera, L., Lahey, J., & **Rice, E.** 2019. *The Importance of Role Models among Homeless Emerging Adults*. Presented at the Society for Social Work Research. San Francisco, CA.

Semborski, S., **Rice, E.**, Rhoades, H., & Wenzel, S. 2019. *Should I Stay or Should I Go? Intention to Leave Permanent Supportive Housing among Residents Who Have Been Housed for One Year*. Presented at the Society for Social Work Research. San Francisco, CA.

Combs, K., Barman-Adhikari, A., Begun, S., & **Rice, E.** 2019. *Relationships between Having a Child and Dangerous Substance Use among Homeless Youth*. Presented at the Society for Social Work Research. San Francisco, CA.

Hsu, H.-T., Rhoades, H., **Rice, E.**, Winetrobe, H., & Wenzel, S. 2018. *Social Network Change after Moving into Permanent Supportive Housing: Who Stays and Who Goes?* Presented at Society for Social Work Research. Washington, D.C.

Harris, T., Rhoades, H., **Rice, E.**, Henwood, B., & Wenzel, S. 2018. *The Role of Housing Model in the Social Integration of Formerly Homeless Adults in Supportive Housing*. Presented at Society for Social Work Research. Washington, D.C.

- Wenzel, S., Rhoades, H., **Rice, E.**, Duan, L., Henwood, B., Winetrobe, H., Harris, T., & Hantanachaikul, W. 2018. *HIV Risk and Prevention over Time Among Homeless Adults in Permanent Support Housing: The Impact of Social Networks*. Presented at Society for Social Work Research. Washington, D.C.
- Um, M. Y., **Rice E.**, Lee, J. O., Kim, H. J., & Palinkas, L. 2018. *Suicidal Ideation Among North Korean Refugees in South Korea: Exploring the Influence of Social Network Compositions By Gender*. Presented at Society for Social Work Research. Washington, D.C.
- Klemmer, C. L., Kattari, S. K., Rusow, J., Schragger, S. M., & **Rice, E.** 2018. *Transgender Adolescents, Gender Congruence, and Substance Use*. Presented at Society for Social Work Research. Washington, D.C.
- Petering, R., **Rice, E.**, Craddock, J., & Yoshioka-Maxwell, A. 2018. *Have You Heard?: Development of a Social Network Peer Leader HIV Prevention Intervention for Homeless Youth*. Presented at Society for Social Work Research. Washington, D.C.
- Yoshioka-Maxwell, A., Gholami, S., **Rice, E.**, & Tambe, M. 2018. *PTSD Symptoms Among a Sample of Homeless Former Foster Youth: A Predictive Approach Using Artificial Intelligence (AI)*. Presented at Society for Social Work Research. Washington, D.C.
- Rusow, J. & **Rice, E.** 2018. *The Digital Non-Divide: Homelessness Experience and Sexual Orientation Are Not Associated with Technology Engagement Among Adolescents*. Presented at Society for Social Work Research. Washington, D.C.
- Brydon, D., Barman-Adhikari, A., & **Rice, E.** 2018. *Trauma and the Social Context: Examining Criminal-Justice Involvement Among Homeless Youth*. Presented at Society for Social Work Research. Washington, D.C.
- Srivastava, A. & **Rice, E.** 2018. *Gender Identity and Homelessness Experience Among Trans-Identified High School Students in Los Angeles*. Presented at Society for Social Work Research. Washington, D.C.
- Craddock, J. & **Rice, E.** 2018. *An Adaptation of Respondent Driven Sampling to Recruit Samples of Young Black Women Aged 18 to 25 in Los Angeles*. Presented at Society for Social Work Research. Washington, D.C.
- Gibbs, J., Goldbach, J., Schragger, S. M., & **Rice, E.** 2017. *Recruiting Young Men who Have Sex with Men: A Cost and Efficiency Analysis of Venue-based compared to Technology-based probability sampling*. Presented at Annual Meeting of the American Public Health Association. Atlanta, GA.
- Kattari, S. K., Klemmer, C., Rusow, J., & **Rice, E.** 2017. *Sex Beyond a Gender Binary: Exploring the Sexual Health Experiences of Transgender Youth*. Presented at Annual Meeting of the American Public Health Association. Atlanta, GA.
- Wenzel, S., Rhoades, H., Henwood, B., **Rice, E.**, Winetrobe, H., & Duan, L. 2017. *HIV/STI risk and prevention: A neglected aspect of health in permanent supportive housing for homeless persons*. Presented at Annual Meeting of the American Public Health Association. Atlanta, GA.
- Rhoades, H., **Rice, E.**, Henwood, B., Winetrobe, H., Duan, L., & Lahey, J. 2017. *Social Network Changes and Consistent Substance Use Over Time: Formerly-Homeless Adults in PSH*. Presented at Annual Meeting of the American Public Health Association. Atlanta, GA.

Rusow, J., Kattari, S. K., Klemmer, C., & **Rice, E.** 2017. *Navigating Sexual Health in an Online Climate: Sexual Orientation, Gender Identity, and Online Activities and their Associations with Sexual Activities among a Probability Sample of High School Youth*. Presented at Annual Meeting of the American Public Health Association. Atlanta, GA.

Petering, R., Craddock, J. B., Yoshioka-Maxwell, A., & **Rice, E.** 2017. *Have You Heard?: Development of a social network peer leader HIV prevention intervention for homeless youth*. Presented at Annual Meeting of the American Public Health Association. Atlanta, GA.

Yoshioka-Maxwell, A., & **Rice, E.** 2017. *Social Networks and HIV Risk among a Sample of Homeless Former Foster Youth: Initial Results*. Presented at Annual Meeting of the American Public Health Association. Atlanta, GA.

**Rice E.** (2014, January). *Social Network Analysis in Social Work Science*. Symposium organized at Society for Social Work Research, San Antonio, TX.

Barman-Adhikari A., **Rice E.**, & Petering R. (2014, January). *Role of Social Network Structure and Influence On Substance Use Among Homeless Youth*. Presented at Society for Social Work Research, San Antonio, TX.

Holloway I.W. & **Rice E.** (2014, January). *Venue-Based Network Analysis to Understand Substance Use Among Young Gay, Bisexual and Other Men Who Have Sex With Men*. Presented at Society for Social Work Research, San Antonio, TX.

Pahwa R., Chavan B.S., **Rice E.**, Brekke J.S., & Fulginiti A. (2014, January). *Community Integration of Individuals With SMI: A Networks Perspective From India and United States*. Presented at Society for Social Work Research, San Antonio, TX.

**Rice E.** (2014, January). *Exchange Sex and Network Structure Among LGBTQ Homeless Youth*. Presented at Society for Social Work Research, San Antonio, TX.

Winetrobe H., **Rice E.**, & Rhoades H. (2014, January). *An Innovative Method for Counting Unaccompanied Homeless Youth*. Presented at Society for Social Work Research, San Antonio, TX.

**Rice E.**, Petering R., Barman-Adhikari A., Rhoades H., & Winetrobe H. (2014, January). *Sexual Orientation and Homelessness Among Middle School Students*. Presented at Society for Social Work Research, San Antonio, TX.

Yoshioka-Maxwell A., **Rice E.**, Rhoades H., & Winetrobe H. (2014, January). *The Relationship Between Foster Care, Time Homeless, and Recent Methamphetamine Use Among Homeless Former Foster Youth*. Presented at Society for Social Work Research, San Antonio, TX.

Barman-Adhikari A., **Rice E.**, Petering R., Rhoades H., & Winetrobe H. (2014, January). *Internet and Social Media As a Form of Social Capital Among Homeless Youth*. Presented at Society for Social Work Research, San Antonio, TX.

**Rice E.**, & Winetrobe H., Rhoades H., Petering R., Carranza A., Dent D., Barman-Adhikari A., Dunlap S., Bracken N., & Milburn N.G. (2013, November). *Substantial differences in risk behaviors of homeless youth in two large networks of homeless youth in Los Angeles*. Presented at American Public Health Association. Boston, MA.

Winetrobe H., Rhoades H., Barman-Adhikari A., Cederbaum J., **Rice E.**, & Milburn N.G. (2013, November). *Pro-pregnancy attitudes, history of pregnancy, and contraceptive service utilization influence homeless youths' effective contraception use*. Presented at American Public Health Association. Boston, MA.

- Barman-Adhikari A., **Rice E.**, Petering R., Winetrobe H., & Rhoades H. (2013, November). *Homeless youths' use of the internet for HIV information and testing locations*. Presented at American Public Health Association. Boston, MA.
- Petering R., **Rice E.**, Winetrobe H., Rhoades H., & Gibbs J. (2013, November). *Homelessness and sexual identity among middle school students*. Presented at American Public Health Association. Boston, MA.
- Wenzel S., **Rice E.**, Henwood B., Rhoades H., & Petering R. (2013, November). *HIV risk among homeless adults transitioning to permanent supportive housing*. Presented at American Public Health Association. Boston, MA.
- Gibbs J., **Rice E.**, Winetrobe H., Rhoades H., & Petering R. (2013, November). *Middle school sexting and sexual activity*. Presented at American Public Health Association. Boston, MA.
- Petering R., **Rice E.**, Winetrobe H., & Rhoades H. (2013, November). *A two way street: Prevalence of cyberbullying among middle school students*. Presented at American Public Health Association. Boston, MA.
- Petering R., **Rice E.**, Winetrobe H., & Rhoades H. (2013, November). *Intimate partner violence and the social networks of female homeless youth*. Presented at American Public Health Association. Boston, MA.
- Pollio D., McClendon J., **Rice E.**, Stella A., Tacher J., & Rosenthal D. (2013, November). *Development of a social network website to prevent HIV in a young adult homeless population*. Presented at American Public Health Association. Boston, MA.
- Rhoades H., **Rice E.**, & Winetrobe H. (2013, November). *Recent substance use & mental disorder symptoms among homeless youth*. Presented at American Public Health Association. Boston, MA.
- Rhoades H., **Rice E.**, & Winetrobe H. (2013, November). *Sexual trauma and PTSD symptoms among female homeless youth*. Presented at American Public Health Association. Boston, MA.
- Rhoades H., **Rice E.**, & Winetrobe H. (2013, November). *Benefits of pet ownership among homeless youth*. Presented at American Public Health Association. Boston, MA.
- Um M. Y., **Rice E.**, & Rotheram-Borus M.J. (2013, November). *Latina mothers living with HIV: Psychological distress and multidimensional challenges in the process of acculturation*. Presented at American Public Health Association. Boston, MA.
- Rhoades H., & **Rice E.** (2013, June). *Triage Tool Development: Targeting Vulnerable Youth for Permanent Supportive Housing*. Presented at International Homelessness Research Conference. Philadelphia, PA
- Barman-Adhikari A., **Rice E.**, Rhoades H., Winetrobe H., & Petering, R. (2013, May). *Homeless Youths' Use of the Internet for HIV Information and Testing Locations*. Presented at Society for Prevention Research. San Francisco, CA.
- Winetrobe H., Petering, R., **Rice E.**, Holloway I.W. & Bauermeister J. (2013, May). *YMSM Grindr Users' Sex Risk Behavior with Partners Met On Grindr Versus Elsewhere*. Presented at Society for Prevention Research. San Francisco, CA.

- Barman-Adhikari A., Petering R., **Rice E.**, Rhoades H., & Winetrobe H. (2013, May). *Homelessness and Sexual Identity Among Middle School Students*. Presented at Society for Prevention Research. San Francisco, CA.
- Gibbs J., **Rice E.**, & Winetrobe H., & Rhoades H. (2013, May). *Sexting: Understanding How Middle School Students' Technology-Use Impacts Sexual Behavior*. Presented at Society for Prevention Research. San Francisco, CA.
- Holloway I.W., Pulsipher C., **Rice E.**, & Kipke M. (2013, May). *Combining Venue-Based Social Network Analysis and Geographic Information System Analysis to Inform HIV Prevention Among Young Men Who Have Sex with Men in Los Angeles County*. Presented at Society for Prevention Research. San Francisco, CA.
- Rice E.**, Rhoades H., & Winetrobe H., & Milburn N.G. (2013, May). *Differences in HIV Risk and Preventive Behaviors in Two Large Networks of Homeless Youth*. Presented at Society for Prevention Research. San Francisco, CA.
- Petering R., **Rice E.**, Winetrobe H., & Rhoades H. (2013, May). *A Two Way Street: Prevalence of Cyberbullying Among Middle School Students*. Presented at Society for Prevention Research. San Francisco, CA.
- Barman-Adhikari A., **Rice E.**, Rhoades H., & Winetrobe H., & Petering R. (2013, May). *Prescription Drug Misuse, Illicit Substance Use and Mental Health Symptoms Among Homeless Youth*. Presented at Society for Prevention Research. San Francisco, CA.
- Al-Tayyib A., & Rhoades H., & **Rice E.** (2013, May). *Nonmedical Use of Prescription Drugs and Injection Drug Use Among Runaway and Homeless Youth*. Presented at Society for Prevention Research. San Francisco, CA.
- Rice E.**, Rhoades H., & Winetrobe H., & Petering, R. (2013, May). *An iPad App to Collect Social Network Data From High-Risk Populations*. Presented at Society for Prevention Research. San Francisco, CA.
- Winetrobe H., **Rice E.**, & Bauermeister, J. (2013, April). *Differences in YMSM Grindr Users Sexual Risk Behavior with Partners Met on Grindr versus Partners Met Elsewhere*. Presented at Youth + Tech + Health, San Francisco, CA.
- Gibbs J., & **Rice E.** (2013, January). *The Social Context of YMSM Depressive Symptomology: Experiences of Homophobia, Social Identity Commitment, and Social Network Composition As Determinants of Depression in a Sample of Grindr Users*. Presented at Society for Social Work Research, San Diego, CA.
- Winetrobe H., **Rice E.**, & Barman-Adhikari A. (2013, January). *Predicting Positive Attitudes Toward Pregnancy Among Homeless Youth in Los Angeles*. Presented at Society for Social Work Research, San Diego, CA.
- Barman-Adhikari A., **Rice E.**, Rhoades H., & Winetrobe H. (2013, January). *Homelessness Experiences Among LAUSD High School Students-Associations with Sexual Risk Behaviors*. Presented at Society for Social Work Research, San Diego, CA.
- Holloway I.W., **Rice E.**, Winetrobe H., Dunlap, S., Barman-Adhikari A., Rhoades H., Carranza, A., & Dent, D. (2012, October). *Acceptability of online and smartphone HIV prevention interventions for young men who have sex with men*. Presented at American Public Health Association, Washington, DC.

Barman-Adhikari, A., **Rice, E.**, Winetrobe, H., Rhoades, H., Fulginiti, A., Montoya, J., Plant, A., Kordic, T. (2012, October). *Living outside the bubble: Homelessness experiences and the impact on sexual risk behaviors among Los Angeles public school students*. Presented at American Public Health Association, Washington, DC.

Rhoades, H., **Rice, E.**, Winetrobe, H., Sanchez, M., Montoya, J., Plant, A., Kordic, T. (2012, October). *High school student sexting associated with sexual risk behavior*. Presented at American Public Health Association, Washington, DC.

**Rice E.**, Holloway I.W., Winetrobe H., Rhoades, H., Barman-Adhikari A., Rhoades H., Carranza, A., Dent, D., & Dunlap, S., (2012, October). *Grindr: Young MSM, sex risk, and geosocial networking smartphone applications*. Presented at American Public Health Association, Washington, DC.

Barman-Adhikari A., **Rice E.**, Rhoades, H., & Winetrobe H. (2012, October). *Role of social network position and norms on substance use among homeless youth in Los Angeles, California*. Presented at American Public Health Association, Washington, DC.

**Rice E.**, Rhoades, H., & Winetrobe H. (2012, October). *Creating and implementing an iPad app to collect social network data of homeless youth*. Presented at American Public Health Association, Washington, DC.

Winetrobe, H., **Rice, E.**, Holloway, I.W., Montoya, J., Plant, A., Kordic, T. (2012, October). *Online sexual solicitation and partner seeking in relation to sex risk behavior among adolescents*. Presented at American Public Health Association, Washington, DC.

**Rice, E.** (2012, August). *Risk and Resilience in Social Networks of Homeless Youth*. Presented at American Psychological Association. Orlando, FL.

**Rice, E.**, Holloway I.W., Barman-Adhikari A., Winetrobe H., Rhoades H., & Dunlap, S. (2012, May). *Grindr: HIV Risk and Prevention among Young MSM via Geo-Locating Social Networking Applications for Smart Phones*. Presented at Society for Prevention Research. Washington, DC.

Rhoades H., Winetrobe H., **Rice E.**, Holloway I.W., Barman-Adhikari A., & Dunlap, S. (2012, May). *Means for Innovative HIV Prevention for YMSM*. Presented at Society for Prevention Research. Washington, DC.

Holloway I.W., **Rice E.**, & Kipke M. (2012, May). *Using Venue-Based Social Network Analysis to Guide HIV and Substance Abuse Prevention*. Presented at Society for Prevention Research. Washington, DC.

Winetrobe H., Rhoades H., **Rice E.**, Sanchez M., Montoya J., Plat A., & Kordic T. (2012, May). *Sexting and Sexual Behavior among Los Angeles High School Students*. Presented at Society for Prevention Research. Washington, DC.

Barman-Adhikari A., **Rice E.**, Fulginiti A., Montoya J., Plat A., & Kordic T. (2012, May). *Homelessness experiences among LAUSD students- Associations with sex risk behaviors*. Presented at Society for Prevention Research. Washington, DC.

**Rice E.**, Winetrobe H., Holloway I.W., Montoya J., Plat A., & Kordic T. (2012, May). *Social Networking Websites, Online Partner Seeking, and Sexual Risk Behavior among High School Students in Los Angeles*. Presented at Society for Prevention Research. Washington, DC.

Barman-Adhikari A., **Rice E.** & Dent D. (2012, March). *Homeless, but plugged in: Internet and social media as bridges to information and positive relationships among homeless young people*. Presented at Sex:Tech. San Francisco, CA.

**Rice E.**, Holloway I. W., & Dunlap S. (2012, March). *Sex on Grindr: Young Men Who Have Sex with Men and Geo-Locating Social Networking Technology*. Presented at Sex::Tech. San Francisco, CA.

**Rice E.**, Rhoades H., & Winetrobe H. (2012, March). *Collecting Whole Network Data from Unbounded Homeless Populations*. Presented at International Network of Social Network Analysis: Sunbelt XXXII. Redondo Beach, CA.

Barman-Adhikari A. & **Rice E.** (2012, March). *Norms and Network Position: Hard Drug Use in a Large Network of Homeless Youth*. Presented at International Network of Social Network Analysis: Sunbelt XXXII. Redondo Beach, CA.

Barman-Adhikari A. & **Rice E.** (2012, January). *Role of Informal Networks In Predicting Service Utilization Among Runaway & Homeless Youth*. Presented at Society for Social Work Research. Washington, DC.

**Rice E.** & Hsu H-T. (2012, January). *Homeless Youth's Social Network Properties, Methamphetamine Use, and Concurrent Sexual Partnerships*. Presented at Society for Social Work Research. Washington, DC.

**Rice E.** & Hsu H-T. (2012, January). *Social Network Analysis for Social Work Research*. Presented at Society for Social Work Research. Washington, DC.

**Rice E.**, Barman-Adhikari, A., & Cederbaum, J.A. (2011, October). *Social Network Analysis and Digital Media Prevention Programming for Homeless Youth*. Presented at American Public Health Association, Washington, DC.

Kurzban S., **Rice E.**, Milburn N.G., & Duan, L. (2011, October). *Longitudinal impact of housing on homeless adolescents mental health and substance use*. Presented at American Public Health Association, Washington, DC.

Barman-Adhikari A. & **Rice E.** (2011, October). *Navigating for sexual health information online- Decoding Homeless Youth's help-seeking behavior in networked spaces*. Presented at American Public Health Association, Washington, DC.

**Rice, E.** (2011, October). *HIV Prevention in Large Networks of Homeless Youth*. Presented at Society for Social Work Research. Washington, DC.

**Rice, E.** (2011, September). *The Internet and Social Media as Tools for Housing and HIV Prevention for Homeless Youth*. Presented at North American Housing and HIV/AIDS Research Summit VI. New Orleans, LA.

Barman-Adhikari, A. & **Rice, E.** (2011, January). *Sexual Health Information Seeking on the Internet Among Homeless Youth*. Presented at Society for Social Work Research. Tampa, FL.

Ray D.M., **Rice E.**, & Kurzban S. A. (2011, January). *No Place Like Home: A Comparison of Street-Based and Home-Based Social Network Ties for Homeless Youth*. Presented at Society for Social Work Research. Tampa, FL.

**Rice, E.**, Pollio D., Bender K., Ferguson K., & Thompson S. (2010, November). *Potential for technology in intervention with difficult-to-reach teen and young adult populations*. Presented at American Public Health Association. Denver, CO.

**Rice, E.** (2010, November). *Internet Use and HIV/AIDS Risk among High Risk Adolescents: The Case of Homeless Youth*. Presented at American Public Health Association. Denver, CO.

**Rice, E.**, Milburn N.G., & Monro, W. (2010, August). *Social network composition and reductions in alcohol and marijuana use among homeless adolescents*. Presented at American Psychological Association, San Diego, CA.

**Rice, E.**, Tulbert, E. & Barman-Adhikari, A. (2010, July) *Have you heard?" A social networking and digital media HIV prevention program for homeless youth online: Design and acceptability*. Presented at the XVIII International AIDS Conference, Vienna, Austria.

**Rice, E.** Monro, W. & Barman-Adhikari, A. (2010, July) *Internet use, social networking, and homeless adolescents' HIV/AIDS risk*. Presented at the XVIII International AIDS Conference, Vienna, Austria.

**Rice, E.**, Tulbert, E. & Barman-Adhikari, A. (2010, June). *Youth-led social networking HIV prevention program for homeless youth online: Design and acceptability*. Presented at the North American Housing and HIV/AIDS Research Summit. Summit V: Evidence into Action. Toronto, Canada.

Sung-J.L, Rotheram-Borus, M. J., Li, L., & **Rice, E.** (2009, August). *Family wellness, not HIV prevention: Adapting a suite of interventions for families living with HIV*. Presented at The National HIV Prevention Conference, Atlanta, GA.

**Rice, E.** (2008, August). *Pilot testing a social network-based method for identifying pro-social peers to promote HIV testing among homeless youth*. Presented at the XVII International AIDS Conference, Mexico City, Mexico.

Rotheram, M.J., Lester, P., **Rice, E.**, Comulada, S., & Flannery, D. (2008, August). *TALK family program helps HIV+ mothers & children over one year*. Presented at the XVII International AIDS Conference, Mexico City, Mexico.

Green, S., **Rice, E.**, Comulada, S., & Rotheram-Borus, M.J. (2008, August). *Serostatus disclosure within the social network ties of women living with HIV/AIDS*. Presented at the XVII International AIDS Conference, Mexico City, Mexico.

**Rice, E.** (2008, March). *A method for selecting pro-social peers for network-based HIV prevention among homeless adolescents*. Presented at The National AIDS Housing Coalition's (NAHC) Third National Housing and HIV/AIDS Research Summit, Baltimore, MD.

**Rice, E.**, Lester, P., & Rotheram-Borus, M. J. (2007, July). *Early outcomes of a family-based HIV prevention and coping intervention for mothers living with HIV and their children*. Presented at the NIMH Annual International Research Conference on The Role of Families in Preventing and Adapting to HIV/AIDS, San Francisco, CA..

**Rice, E.**, Milburn, N. G., & Rotheram-Borus, M. J. (2006, August). *Pro-social and problematic peer influences on HIV/AIDS risk behaviors among newly homeless youth in Los Angeles*. Presented at the Annual Meeting of the American Sociological Association, Washington, D.C.

**Rice, E.**, Lester, P., Best, K., & Rotheram-Borus, M. J. (2006, July). *TALK LA: A model for family-based HIV/AIDS interventions*. Presented at the NIMH Annual International Research Conference on The Role of Families in Preventing and Adapting to HIV/AIDS, San Juan, Puerto Rico.

**Rice, E.** Milburn, N. G., Ayala, G, & Rotheram-Borus, M. J. (2004, August). *Family relationships and mixed-race adolescents' chances of exiting homelessness*. Presented at the Annual Meeting of the American Psychological Association, New York, NY.



Milburn, N. G., & Ayala, G., **Rice, E.**, & Rotheram-Borus, M.J. (2004, August). *Discrimination and exiting homelessness*. Presented at the Annual Meeting of the American Psychological Association, New York, NY.

**Rice, E.**, Milburn, N. G., & Rotheram-Borus, M. J. (2003, August). *Influence of peer networks on injection drug use among homeless youth*. Presented at the Annual Meeting of the American Sociological Association, Montreal, Canada.

**Rice, E.** (2003, April). *Influence of peer networks on HIV risk behaviors*. Presented at the Annual Meeting of the HIV: The Next Generation. Los Angeles, CA.

**Rice, E.** (2001, August). *The effect of social uncertainty in networks of social exchange*. Presented at the Group Processes/ Rational Choice Conference. Anaheim, CA.

**Rice, E.** (2000, August). *Fear and alienation at the turn of the millennium: A sociological analysis of beliefs about Y2K*. Presented at the Annual Meeting of the American Sociological Association, Washington, D.C.

**Rice, E.** & Bienenstock, E. J. (1999, February). *Finding status in structured clustered data: Using log-linear models*. Presented at Sunbelt XIX: International Sunbelt Social Networks Conference, Charleston, SC.

**Rice, E.** & Grusky, D. B. (1999, February). *Is there a Generation X?: Alienation in America since the 1970s*. Presented at California Since the Sixties: Revolutions and Counterrevolutions: California Studies Association Conference XI, Berkeley, CA.

**Rice, E.** & Grusky, D. B. (1998, August). *The causes of Generation X*. Presented at the Annual Meeting of the American Sociological Association, San Francisco, CA.

**Rice, E.** (1997, August). *Whose job is it?: Cohabitation, housework, gender-roles and the impact of prior marriage*. Presented at Annual Meeting of the American Sociological Association, Toronto, Canada.

Grusky, D. B. & **Rice, E.** (1997, August). *Is there a Generation X?* Presented at the Annual Meeting of the American Sociological Association, Toronto, Canada.

## TEACHING EXPERIENCE

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- 2017-present Social Work 721: Data Driven Decision Making. University of Southern California, School of Social Work. (Spring 2018, Summer 2018, Fall 2018, Spring 2019, Summer 2019)
- 2011 - 2018 Social Work 761: Multiple Regression for Social Work Research. University of Southern California, School of Social Work. (Spring 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018)
- 2015 Social Work 506: Human Behavior and the Social Environment. University of Southern California, School of Social Work. (Fall 2015).
- 2015 Social Work 625: Evaluation of Research: Mental Health, School of Social Work. (Spring 2015, Spring 2016).
- 2012 - 2013 Social Work 503: Human Behavior and the Social Environment. University of Southern California, School of Social Work. (Fall 2012, 2013).
- 2010 Social Work 562: Social Work Research. University of Southern California, School of Social Work. (Spring 2010).

## TEACHING TUTORIALS

- 2014, Fall Social Work 790: Research. (Nicholas Barr, Ph.D. student), University of Southern California.
- 2014, Fall Social Work 790: Research. (Rebecca Longkirk-Hall, Ph.D. student), University of Southern California.
- 2014, Fall Social Work 790: Research. (Jaih Craddock, Ph.D. student), University of Southern California.
- 2013, Fall Social Work 790: Research. (Mee Young Um, Ph.D. student), University of Southern California.
- 2012, Fall Social Work 790: Research. (Liat Kriegel, Ph.D. student), University of Southern California.
- 2012, Summer Social Work 790: Research. (Robin Petering, Ph.D. student), University of Southern California.
- 2012, Summer Social Work 790: Research. (Jeremy Gibbs, Ph.D. student), University of Southern California.
- 2012, Spring Social Work 790: Research. (Anthony Fulginiti, Ph.D. student), University of Southern California.
- 2012, Spring Social Work 590: Directed Research. (Natalie Bracken, MSW student), University of Southern California.

- 2011, Fall Supervised Research Rotation for Baccalaureate/MD program. (Roe Astor, undergraduate). University of Southern California.
- 2011, Fall Social Work 790: Research. (Hyunsung Oh, Ph.D. student), University of Southern California.
- 2011, Fall Social Work 790: Research. (Hsun-Ta Hsu, Ph.D. student), University of Southern California.
- 2011, Spring Social Work 590: Directed Research. (JoAnn Hemstreet, MSW student), University of Southern California.
- 2011, Spring Social Work 790: Research. (Anamika Barman-Adhikari, Ph.D. student), University of Southern California.
- 2011, Spring Social Work 790: Research. (Ian Holloway, Ph.D. student), University of Southern California.
- 2011, Spring Social Work 790: Research. (Weiyu Mao, Ph.D. student), University of Southern California.
- 2010, Summer Social Work 590: Directed Research. (Sean Taitt, MSW student), University of Southern California.

#### DISSERTATION COMMITTEES

- 2020 **Chair**, Chyna Hill, MSW, Ph.D., "The Algorithm of Black Homelessness: A Classification Tree Analysis" USC Suzanne Dworak-Peck School of Social Work.
- 2020 **Member**, Aida Rahmattalabi, MS, USC Viterbi School of Engineering
- 2019 **Chair**, Jaih Craddock, MSW, Ph.D., "Social networks and HIV risk of Young Black Women" USC Suzanne Dworak-Peck School of Social Work.
- 2018 **Member**, Sara Marie Mc Carthy, PhD "Hierarchical planning in security games: A game theoretic approach to strategic, tactical and operational decision making" USC Viterbi School of Engineering, Department of Computer Science.
- 2018 **Member**, Amulya Yadav, MS, Ph.D. "Artificial Intelligence for Low Resource Communities: Influence Maximization in an Uncertain World" USC Viterbi School of Engineering, Department of Computer Science.
- 2018 **Member**, Ajitesh Srivastava, MS, Ph.D. "Computing Cascades: How to Spread Rumors, Win Campaigns, Stop Violence and Predict Epidemics" USC Viterbi School of Engineering Department of Computer Science.
- 2018 **Chair**, Amanda Yoshioka-Maxwell, MSW, Ph.D., "Social networks and HIV risk of currently homeless, former foster care youth" USC Suzanne Dworak-Peck School of Social Work.
- 2018 **Chair**, Robin Petering, MSW, Ph.D., "Social networks and HIV risk of gang-involved homeless youth" USC Suzanne Dworak-Peck School of Social Work.

- 2017 **Member**, Benjamin Ford, MS, Ph.D. USC Viterbi School of Engineering Department of Computer Science.
- 2016 **Member**, Mee Young Um, MSW, Ph.D. "Social Networks of North Korean Refugees Living in South Korea and Suicide Risk", USC Suzanne Dworak-Peck School of Social Work.
- 2015 **Member**, Anthony Fulginiti, MSW. "Suicide talk as a vital sign: A theory-informed examination of individual and relational factors that influence suicidal disclosure." USC School of Social Work.
- 2015 **Member**, Hsun-Ta Hsu, MSW, PhD. "Engaging Homeless Men and Shelter Providers to Adapt an Existing Evidence-Based HIV Prevention Intervention Targeting Men Using Shelter Services." USC School of Social Work.
- 2014 **Member**, Ahyoung Song, MSW, PhD. "A Closer Look at Condom Use among Homeless People: Application of the Theories of Reasoned Action and Planned Behavior." USC School of Social Work.
- 2013 **Chair, Anamika Barman-Adhikari**, MS, MSW, PhD. "Social Network Norms and HIV Risk Behaviors among Homeless Youth." USC School of Social Work.
- 2013 **Member, Rohini Pahwa**, MSW, PhD. "Community Integration of Individuals with Severe Mental Illness: A networks perspective from India and United States." USC School of Social Work.
- 2012 **Member, Ian Holloway**, MSW, MPH, PhD. "Social Network and Contextual Influences on Substance Use and HIV Risk Among Young Men Who Have Sex With Men." USC School of Social Work.
- 2010 **Member, Patchareeya Pumpuang Kwan**. MPH, PhD. "Contextualizing Social Network Influences on Substance Use among High Risk Adolescents." USC Keck School of Medicine, Department of Prevention Medicine, Institute for Health Promotion and Prevention Research.

#### PhD QUALIFYING EXAM COMMITTEES

- 2020 Chair, Monique Holguin, MSW, PhD candidate, "Provider Discrimination, Social Support and Health Service Knowledge in Youth Experiencing Homelessness" USC Suzanne Dworak-Peck School of Social Work
- 2020 Member, Sara Semborski, MSW, PhD candidate, "Investigating difficulties in emotional regulation among young adults with history of homelessness" USC Suzanne Dworak-Peck School of Social Work
- 2019 Chair, Chyna Hill, MSW, PhD candidate, "Exploring Predictors of Service Use among Youth Experiencing Homelessness" USC Suzanne Dworak-Peck School of Social Work
- 2019 Member, Wichada Le Motte-Kerr, MSW, PhD candidate, "Community Integration and Mental Health among PSH Residents" USC Suzanne Dworak-Peck School of Social Work

- 2018 Member, Ankur Srivistava, MSW, PhD candidate, USC Suzsnne Dworak-Peck School of Social Work
- 2018 Member, Taylor Harris, MSW, PhD candidate, "Los Angeles housing models and neighbourhoods' role in supportive housing residents' social integration." USC Suzsnne Dworak-Peck School of Social Work
- 2017 Member, Carry Klemmer, MSW, PhD candidate, "Socially assigned gender nonconformity and school violence experience among transgender and cisgender adolescents." USC Suzsnne Dworak-Peck School of Social Work
- 2017 **Chair, Jaih Craddock**, MSW, PhD candidate. "Social Network Members and Sexual Health Communication among Young Black Women: A Multilevel Model." USC Suzsnne Dworak-Peck School of Social Work.
- 2015 **Chair, Amanda Yoshioka-Maxwell**, MSW, PhD candidate. "Exploring the Impact of Network Characteristics on Behavioral Health Outcomes among Homeless Former Foster Youth." USC School of Social Work.
- 2014 **Chair, Robin Petering**, MSW, PhD candidate. "Violence Throughout the Social Networks of Homeless Youth." USC School of Social Work.
- 2014 **Member, Mee Young Um**, MSW, PhD candidate. "Correlates of Female Victimization and Male Perpetration of Domestic Violence among North Korean Refugees in South Korea" USC School of Social Work.
- 2014 **Member, Jeremy Gibbs**, MSW, PhD candidate. "Sexual minority adolescents and religious identity: Understanding the stress and management of conflict between a religious identity and sexual minority identity" USC School of Social Work.
- 2013 **Member, Hyunsung Oh**, MSW, PhD candidate. "Perceived Social Support as a Mediator Explaining Improved Physical and Functional Well-being among Cancer Patients with Clinically Significant Depression: Dismantling the Effectiveness of Problem-Solving Therapy." USC School of Social Work.
- 2013 **Member, Ahyoung Song**, MSW, PhD candidate. "Child Abuse Victimization, Depression and Substance Use among Homeless Women: An Application of General Strain Theory." USC School of Social Work.
- 2013 **Member, Hsun-Ta Hsu**, MSW, PhD candidate. "Understanding Consistent Condom Use among Homeless Men Who Have Sex with Women and Engage in Multiple Sexual Partnerships: A Path Analysis." USC School of Social Work.
- 2013 **Member, Anthony Fulginiti**, MSW, PhD candidate. "The quality of the preserved life among suicide attempt survivors with Schizophrenia: A longitudinal analysis of how suicide attempt status affects quality of life trajectories." USC School of Social Work.
- 2012 **Member, Weiyu Mao**, MSW, PhD candidate. "The Effects of Family Networks and Intergenerational Transfers of Financial Support on Self-Rated Health among Aging Parents in Urban China" USC School of Social Work.
- 2012 **Chair, Anamika Barman-Adhikari**, MSW, PhD candidate. "Social Networks as the Contest for Understanding Employment Service Utilization among Homeless Youth" USC School of Social Work.

- 2011 **Member, Min Ah Kim**, MSW, PhD candidate. "Positive and Negative Interactions of Social Support Providers and Receivers within University-Affiliated Korean Christian Organizations," USC School of Social Work.
- 2011 **Member, Ahraemi Kim**, MSW, PhD candidate. "Role Stress, Turnover Intention, and the Mediating Roles of Leader-Member Exchange and Perceived Organizational Support of Child Welfare Workers: Cross-Sectional and Longitudinal Analyses," USC School of Social Work.
- 2010 **Member, Ian Holloway**, MSW, MPH, PhD candidate. "Cigarette Smoking Among Young Men Who Have Sex with Men: Exploring the Roles of Community Identification and Involvement, Internalized Homophobia, Health Values and Psychological Distress," USC School of Social Work.

### MENTORING ACTIVITIES

- 2019-present **Academic Advisor, Laura Petry**, MPH, PhD candidate USC School of Social Work.
- 2018 – present **Academic Co-Advisor, Graham DiGuiseppe**, MPH, PhD candidate USC School of Social Work.
- 2018 – present **Academic Advisor, Chyna Hill**, MSW, PhD candidate USC School of Social Work.
- 2018 – present **Academic Advisor, Monique Holguin**, MSW, PhD candidate USC School of Social Work.
- 2015 – present **Academic Co-Advisor, Joshua Davis**, MSW, PhD candidate USC School of Social Work.
- 2012 – 2019 **Academic Advisor, Jaih Craddock**, MA, PhD candidate USC School of Social Work.
- 2013 - 2018 **Academic Advisor, Amanda Yoshioka-Maxwell**, MSW, PhD candidate USC School of Social Work.
- 2011 - 2018 **Academic Advisor, Robin Petering**, MSW, PhD candidate USC School of Social Work.
- 2011 - 2015 **Organizer, Social Network Analysis for Social Work Research Lab Group.** Meets monthly to discuss ongoing work. Participants: myself, research assistant professors (Dr. Harmony Rhoades & Dr. Sonya Negriff) and Ph.D. students (Barman-Adhikari, Fuentes, Fulginiti, Holloway, Hsu, Kim, Mao, Oh, Um, Petering, Yoshioka-Maxwell & Pahwa) in the School of Social Work.
- 2009-2013 **Academic Advisor, Anamika Barman Adhikari**, MA, MSW, PhD. USC School of Social Work. Academic Advisor.
- 2009-2010 **Academic Co-Advisor, Diana Ray**, MSW, PhD candidate USC School of Social Work. Shared "work commitment" with Kristin Fergusson, PhD (advisor).

- 2010--2011 **Heather Wollin**, MSW Smith College. Mentored in academic writing, research methods, and study design. She used data from my intervention pilot study for her MSW thesis at Smith College.
- 2008--2010 **Eve Tulbert**, MFA, MA, UCLA (PhD candidate UCLA Department of Anthropology). Mentored in academic writing, research methods, and study design. She used data from my intervention pilot study for her M.A. thesis at UCLA. She is a co-author on 1 manuscript from this project.
- 2007--2009 **Sara Green**, MA, UCLA (research staff at UCLA Center for Community Health). Mentored in academic writing, statistical methods, research methods, and study design. She is a co-author on 3 papers. She is currently enrolled in a Ph.D. program in social work at the University of Washington at Seattle.
- 2006-2009 **Monica Sanchez**, BA, UCLA (research staff at UCLA Center for Community Health). Mentored in academic writing, statistical methods, research methods, and study design. She is the lead author on a paper which I helped her to complete. She is currently enrolled in a PhD program in clinical psychology at Clark University.

#### **SCIENTIFIC REVIEW ACTIVITIES**

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- 2012 **Reviewer**. ZRG1 RPHB-A (51) Reviewed for NIH "Social Networks and Health" RFA.
- 2012-2016 **Grant Reviewer**, for pilot grants USC Clinical Translational Science Institute.

#### **UNIVERSITY SERVICE AND COMMITTEES**

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- 2018-2019 **Chair**, Research Council, USC Suzanne Dworak-Peck School of Social Work
- 2017-2018 **Member**, Research Council, USC Suzanne Dworak-Peck School of Social Work
- 2017-present **Member, Faculty Advisory Committee**, USC Stevens Institute
- 2017-2018 **Member**, Provost's strategic planning committee (Provost Quick)
- 2014-2016 **Chair, Search Committee**, and chair-elect for search academic year 2015-2016.
- 2014-2015 **Division of Children Youth & Families Subcommittee**, Curriculum Redesign Committee.
- 2014-2015 Member, Research Council, USC Suzanne Dworak-Peck School of Social Work
- 2013-2014 **Vice Chair, Search Committee**, and chair-elect for search academic year 2014-2015.
- 2012-2015 **Grant Reviewer**, for pilot grants USC Clinical Translational Science Institute.
- 2011-2012 **Member, Search Committee**, member, USC Keck School of Medicine, Department of Pediatrics, Division of Adolescent Medicine.

- 2010-2011 **Member, University Academic Senate**, USC School of Social Work representative, University of Southern California.
- 2010-2011 **Member, School of Social Work Faculty Council**, member, University of Southern California.
- 2009-present **Member, Doctoral Committee**, member, USC School of Social Work, University of Southern California.
- 2009-2010 **Member, Hamovitch Research Center, Advisory Committee**, USC School of Social Work

### **COMMUNITY SERVICE ACTIVITIES**

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- 2018-2019 **Evaluator/Consultant**, Tipping Point. Evaluation of the SPARK program a peer-based outreach program of youth with lived experience connecting youth experiencing homelessness to resources to achieve stability.
- 2018- present **Steering Committee Member**. West Coast Convening.
- 2018 **Evaluator/Consultant**, Chapin Hall at the University of Chicago. Conducted an impact evaluation of housing models for homeless youth. Assessed the impact of using the TAY-VI-SPDAT and the success of housing placements in 16 communities.
- 2016-2019 **Steering Committee Member**. Youth Collaboratory Coordinated Entry Learning Collaborative. Youth Collaboratory, in partnership with service providers, [HUD](#), [HHS](#), [USICH](#) and [Melville Charitable Trust](#), created the Coordinated Entry Learning Collaborative (CELC) in response to the youth service field's need for guidance on how to design, implement, and maintain a coordinated community response to youth homelessness.
- 2016-2018 **Co-Chair**. West Coast Convening. Working group of providers, policy advocates, funders, and researchers who discuss best practices and solutions to end youth homelessness on the West Coast. Members from CA, OR, and WA.
- 2016-2018 **Scientific Advisory Board Member**. Chapin Hall at the University of Chicago. Voices of Youth Count project. National study on the prevalence of homelessness among youth.
- 2015 **Evaluator/Consultant**, State of Connecticut. Needs assessment of youth experiencing homelessness in their continuum of care.
- 2015 **Evaluator/Consultant**, Clark County Nevada. Needs assessment of youth experiencing homelessness in their continuum of care.
- 2015 **Evaluator/Consultant**, King County Washington. Provided Evaluation on risk typologies of homeless youth.
- 2014 – present **Member**, The National Consortium on Homeless Youth & the Youth Risk Behavior Survey



- 2013 – 2016 **Consultant**, U.S. Administration for Children Youth and Families. Consulting with ACF to assist 18 grantee communities around the country to develop integrated systems of care to prevent foster care youth from becoming homeless.
- 2013 – present **Member**, Los Angeles Coalition to End Youth Homelessness. Group of community-based providers, government employees, and myself (the only academic) working to advocate for youth to end homelessness in Los Angeles. Body meets quarterly and has prepared one HHS grant proposal to date.
- 2012 - 2015 **Consultant**, U.S. Interagency Council on Homelessness. Consulting with USICH Youth Group on methods for improving HUD-funded point-in-time estimates of homeless youth in the United States.
- 2012 **Evaluator/Consultant**, Hollywood Homeless Youth Partnership, Los Angeles, CA. Conducting project to create new more effective means of assessing the number of homeless youth in Hollywood.
- 2012 - 2015 **Consultant**, Corporation for Supportive Housing, Los Angeles, CA. Creating a Triage Tool to help homeless service providers assess the most vulnerable youth to be placed into permanent supportive housing.
- 2012 **Consultant**, 211, Los Angeles, CA. Provided technical assistance on development of a mobile phone application for homeless and transition age youth to access social services.
- 2012 - present **Advisory Board Member**, California Homeless Youth Project. State level advocacy organization working to improve the lives of homeless youth in California.
- 2011 - present **Volunteer**, Safe Place for Youth, Venice Beach, CA.
- 2011 - 2012 **Volunteer**, Common Ground, Santa Monica, CA.
- 2009 - 2012 **Community Advisory Board Member**. Substance Abuse and HIV Intervention Project, Division of Adolescent Medicine, Department of Pediatrics, Keck School of Medicine and Children's Hospital Los Angeles.
- 2009-2011 **Program Evaluation**, My Friend's Place, Hollywood, CA. Worked with agency to win \$22,000 program evaluation grant to assess effectiveness of creative arts programming in linking youth to employment, health, and case management services. Conducted program evaluation and produced technical report.
- 2008 **Transitional Age Youth Workgroup Participant**, The Los Angeles County Chief Executive Office workgroup convened to create policy paper and recommendations for a new continuum of housing options for transitional age youth in Los Angeles County.
- 2008 **External Grant Reviewer**, The Los Angeles County Office of AIDS Programs and Policy, reviewer for Request for Proposals (RFP) for agencies wishing to provide HIV Health Education/Risk Reduction services.
- 2008 **Consultant**, Vistamar School, Los Angeles, CA. Consulted with key teachers, principals, parents, and other administration staff at this high school on how to use a social network approach to assess the extent of social integration in their school, with respect to gender, race, and economic background.

- 2008 **Consultant**, AIRS Homes, Baltimore, MD. Consulted with key program staff on the implementation of a popular opinion leader intervention they mounted with homeless youth. Provided guidance on intervention design and recruitment strategies for youth who will do the peer outreach work.
- 2008 **Trainer**, My Friend's Place, Hollywood, CA. Conducted 3-session staff training on conflict resolution, assertive communication, and emotional regulation to assist staff in their management of conflict situations which emerge with their clients (homeless youth).
- 2007 **Consultant**, My Friend's Place, Hollywood, CA. Consulted with health education staff to help them create a new system for tracking client (homeless youth) health outcomes over time. Assisted in data analysis for use in program evaluation reports.
- 2006 **External Grant Reviewer**, Los Angeles Collaborative HIV/AIDS Public Health Center, Institute for Community Health Research, external reviewer for 2006-2007 RFP for pilot studies.
- 2004 **Program Evaluation**, My Friend's Place, Hollywood, CA. Conducted program evaluation work for the agency to assess the impact of their creative arts programming and staff outreach activities on subsequent client engagement in health, employment, and education services.
- 2004 - present **Volunteer**, My Friend's Place, Hollywood, CA.

#### **NON-UNIVERSITY ACADEMIC SERVICE ACTIVITIES**

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- 2012 **Reviewer**. ZRG1 RPHB-A (51) Reviewed for NIH "Social Networks and Health" RFA.
- 2012 **Participant**, *Science in Social Work Roundtable*, Seattle, WA.
- 2012-present **Editorial Board Member**, *Child Psychiatry & Human Development*
- 2011-2015 **Membership Chair**, *American Public Health Association, Caucus on Homelessness*
- 2013-present **Manuscript reviewer**, *Pediatrics*
- 2010-present **Manuscript reviewer**, *American Journal of Public Health*
- 2010-present **Manuscript reviewer**, *Journal of Immigrant and Minority Health*
- 2010-present **Manuscript reviewer**, *Health Psychology*
- 2010-present **Manuscript reviewer**, *Prevention Science*
- 2010-present **Manuscript reviewer**, *Journal of Adolescent Health*
- 2007-present **Manuscript reviewer**, *AIDS and Behavior*
- 2007-present **Manuscript reviewer**, *AIDS Care*
- 2004-present **Manuscript reviewer**, *Cultural Diversity and Ethnic Minority Psychology*

## PRESS COVERAGE OF ACADEMIC WORK

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- 2017 Press coverage related to the publication of: Yadav, A., Wilder, B., **Rice, E.**, Petering, R., Craddock, J., Yoshioka-Maxwell, A., ... & Woo, D. (2017, May). Influence maximization in the field: The arduous journey from emerging to deployed application. In Proceedings of the 16th Conference on Autonomous Agents and MultiAgent Systems (pp. 150-158). International Foundation for Autonomous Agents and Multiagent Systems.
- Phys.org: <https://phys.org/news/2017-08-ai-hiv-homeless-youth.html>
- Electronics 360: <https://electronics360.globalspec.com/article/9492/ai-the-new-tool-for-hiv-prevention-among-teens>
- 2014 Press coverage related to the publication of: **Rice, E.**, Gibbs, J., Winetrobe, H., Rhoades, H., Montoya, J., Plant, A., & Kordic, T. (2014). "Sexting and Sexual Behavior Among Middle School Students." *Pediatrics*, 134.1: e21-e28.
- 75 news stories, online, radio and television including:  
 CBS: <http://www.cbsnews.com/news/in-middle-school-sexting-linked-to-riskier-behavior/>  
 U.S. News & World Report: <http://www.usnews.com/news/articles/2014/06/30/study-middle-schoolers-who-sext-are-more-likely-to-report-sexual-activity>  
 CNN: <http://thechart.blogs.cnn.com/2014/06/30/have-you-had-the-sext-talk-with-your-kids/>  
 LA Times: <http://www.latimes.com/science/sciencenow/la-sci-sn-sexting-and-sex-in-middle-school-20140630-story.html>  
 Huffington Post: [http://www.huffingtonpost.com/2014/07/01/mmiddle-school-sextiddle-school-sext\\_n\\_5548646.html](http://www.huffingtonpost.com/2014/07/01/mmiddle-school-sextiddle-school-sext_n_5548646.html)
- 2012 Press coverage related to the publication of: **Rice, E.**, Rhoades, H., Winetrobe, H., Sanchez, M., Montoya, J., Plant, A., & Kordic, T. (2012). "Sexually Explicit Cell Phone Messaging Associated with Sexual Risk among Adolescents." *Pediatrics*, 130(4),667-73.
- 197 news stories, online, radio and television including:  
 Los Angeles Times: <http://www.latimes.com/health/boostershots/lat-heb-sexting-associated-with-actual-sex-20120917,0,6570581.story>  
 WebMD: <http://www.webmd.com/sex-relationships/news/20120914/sexting-risky-sexual-behaviors>  
 NPR: <http://www.npr.org/blogs/health/2012/09/17/161283795/where-theres-sexting-there-may-be-sex?ps=view&ec=mostpopular>  
 FOX News: <http://www.FOXnews.com/health/2012/09/17/exting-again-linked-to-risky-sex-among-teens/>  
 CNN: <http://thechart.blogs.cnn.com/2012/09/17/teens-who-sext-more-likely-to-be-sexually-active/>  
 USA Today: <http://www.usatoday.com/news/nation/story/2012/09/17/health-roundup-sexting-and-sex-go-together-for-teens-other-health-news/57794304/1>  
 Today Show (NBC): [http://todayhealth.today.com/\\_news/2012/09/17/13918225-sexting-linked-to-risky-sex-among-teens?lite](http://todayhealth.today.com/_news/2012/09/17/13918225-sexting-linked-to-risky-sex-among-teens?lite)

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