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EDUCATION

- **2024 (expected) Master of Science in Data Science**, University of Rochester, Rochester, New York
- **2019 Postdoctoral Fellow**, School of Nursing, University of Rochester Medical Center, Rochester, New York.
- **2017 Ph.D.**, Division of Epidemiology, School of Medicine, Vanderbilt University, Nashville, Tennessee. (Dissertation: *Voluntary Medical Male Circumcision for Reducing HIV Incidence among Men Who Have Sex with Men*)
- **2010 Master of Public Health**, Department of Social and Behavioral Health, School of Rural Public Health, Texas A&M Health Science Center, College Station, Texas
- **2005 Bachelor of Medicine**, School of Public Health, Tongji Medical College, Wuhan, China

CERTIFICATION

- Certified Public Health Practitioner, Ministry of Health in China, 2006
- Certification of Inclusive Teaching for Equitable Learning, 2023

HONORS & AWARDS

- Honor Recognition Award by President and Provost University of Rochester 2024
- 2024 NIDA Diversity Scholars Network Program Scholarship NIDA 2024
- Association of Nurse Care in AIDS, Research/Impact award of the year of 2023, ANAC 2023
- Pamela and Jeremy A. Klainer Entrepreneurship Fund at School of Nursing, University of Rochester 2023
- Mary Dombeck Diversity Enhancement Faculty Award at School of Nursing, University of Rochester 2023
- Association of Nurses in AIDS Care Scholarship 2022
- Josephine Craytor Nursing Faculty Endowed Award, for excellence in education 2022
- The Most Promising New Investigator at School of Nursing, University of Rochester 2021
- Selected Mentee for the Social and Behavioral Science Research Network 2018
- Health Disparity Research Institute Scholar. Bethesda, Maryland, U.S. 2018
- Student Travel Award: 1st CHPAMS conference. Atlanta, GA, U.S. 2016
- Vanderbilt University International Scholarship Fellowship, U.S. 2013-2017
- International Scholarship for XIX International AIDS Society conference, Washington DC, U.S. 2012
- Poster award: Westlake Forum III: Healthcare Reform in China and the US: Similarities, Differences, and Challenges. Atlanta, U.S. 2011
- International Scholarship for XVIII International AIDS Society conference, Vienna, Austria 2010
- Delta Omega, Alpha Tau Chapter Award by Texas A&M Health Science Center 2010
- Excellence in Abstract Submission among Student APHA Members, APHA 2010
- APHA HIV/AIDS Section Student Scholarship, Denver, CO, U.S. 2010

PROFESSIONAL EMPLOYMENT

- Assistant Professor (Tenure-track), University of Rochester Medical Center, School of Nursing** 2019-present
- Postdoctoral Research Associate, University of Rochester Medical Center, School of Nursing** 2017-2019
- Research Assistant for Vanderbilt University, Division of Epidemiology** 2013- 2017
- Program Officer/Evaluation Specialist, Global Health Institute, School of Public Health, Emory University** 2011- 2013
- Research Assistant for School of Public Health, Texas A&M Health Science Center** 2008- 2011
- Public Health Officer, Institute of Health Education, Beijing Center for Disease Control and Prevention**

2005-2008

Internship in Departments of Nutrition, Environmental Health, HIV/AIDS in Beijing Center for Disease Control and Prevention 2005-2006

Medical Residency in Departments of Internal Medicine and ICU, Infectious Diseases in Union Hospital, Xinhua Hospital of Hubei Province, China 2004

RESEARCH GRANT SUPPORT

Rita Alex Foundation ((PI: Chen Zhang)

01/01/2024-06/30/2025

Developing an AI-powered and Nurse-assisted Chatbot for improve PrEP uptake among PrEP-eligible Black Women
\$50,000

Role: PI

University Research Award (PI: Chen Zhang)

07/01/2023-06/30/2025

University of Rochester

Developing an evidence-based guide for capturing and evaluating structural racism against Black/African American populations affected by HIV in the United States

\$35,000

Role: PI

R01 MD013553 (PI: James McMahon)

09/01/2018-04/30/2022

NIH/NIMHD

Multilevel determinants of HIV pre-exposure prophylaxis (PrEP) utilization and health disparities among Black and Hispanic women.

\$2,050,000

Role: Co-I

School of Nursing Research Support Grant (PI: Chen Zhang)

09/01/2020-12/31/2021

URMC School of Nursing Intramural Award

Identify stage-specific barriers and facilitators in relation to PrEP use among high-risk women in New York State.

\$10,000

Role: PI

Center For AIDS Research (CFAR) Pilot Grant (PI: Chen Zhang)

06/01/2020-12/31/2021

URMC CFAR Intramural Award

Exploring barriers and facilitators of PrEP implementation among primary care providers in the United States.

\$25,000

Role: PI

School of Medicine and Dentistry, URM (PI: Yu Liu)

08/01/2018-08/01/2019

URMC School of Medicine and Dentistry Intramural Award

Assessing the role of HIV disclosure in health-related quality-of-life among older people living with HIV in the era of combination antiretroviral therapy

\$25,000

Role: Co-I

Joint URM SON/SMD Research Pilot Grant (PI: Chen Zhang and Yu Liu)

07/01/2018-12/01/2019

URMC School of Medicine and Dentistry/School of Nursing Intramural Award

Exploring the multilevel determinants of HIV testing self-efficacy among young black men who have sex with men,

\$50,000

Role: co-PI

R01HD074221(PI: Xiaoming Li)

08/01/2012–07/31/2017

NIH/NICHD

Theory-based HIV Disclosure Intervention for Parents

\$1,768,579

Role: Research Assistant

R01AI94562 (PI: Sten Vermund)

03/15/2011 – 03/14/2016

NIH/NIAID

Multi-component HIV Intervention Packages for Chinese MSM

\$403,961

Role: Research Assistant

R01AA018090 (PI: Xiaoming Li)

09/25/2008 – 08/31/2014

NIH/NIAAA

Venue-based HIV and alcohol use risk reduction among female sex workers in China

\$2,629,634

Role: Research Assistant

TEACHING

- University of Rochester Medical Center-NUR 302: Principles and Application of Evidence for Nursing Practice (Role: Co-lecturer) 2024~
- University of Rochester Medical Center-NUR 401: Scientific Writing (Role: Co-lecturer) 2023~
- University of Rochester Medical Center-NUR590: Dissertation Workshop (Role: Co-lecturer) 2023~
- University of Rochester Medical Center- NUR 512: Applied Statistics II (Role: Lecturer) 2018 ~present
- University of Rochester Medical Center- NUR 512: Applied Statistics I (Role: Co-lecturer) 2020
- Vanderbilt Master of Science in Clinical Investigation Program-MSCI-5044 Clinical Trial (Role: TA) 2015
- Emory Global Health Institute –China Tobacco Control Program Summer Intern Seminar (Role: Co-Instructor) 2012

GUEST LECTURES

- Model Building for Advanced Epi Method (PM 416, core course in the Ph.D. Epidemiology program in URM) 2017~2023
- Dynamic Model Application for Infectious Disease (PM451, core course in the Ph.D. Epidemiology program in URM) 2017~2023
- Systematic review and Meta-analysis for Research Appraisal and Synthesis (NUR507, core course in the Ph.D. School of Nursing program in URM) 2020-2021
- Strategy of Systematic-review and Meta-analysis for Research Appraisal and Synthesis (the University of Texas at Austin) 2022~present
- Mixed Research Methods for Participants Recruitment for NUR590 Dissertation Workshop (University of Rochester) 2022

MENTORING

- Faith Lambert's Eastern Nursing Research Society, abstract titled "Childhood trauma experiences and HIV-related symptoms in HIV-positive heterosexual men (2019)." *Nursing research*. 68(2): E133.
- Shelby Przybylek's Research Assistant Project titled "A conceptual model paper: discover the hybrid model in PrEP care among Women of Color" (2022)
- Wonkyung Chang's Ph.D. Dissertation on Alcohol use among sexual minorities in the United States (2022~present)

PUBLICATIONS

(<https://www.ncbi.nlm.nih.gov/myncbi/chen.zhang.7/bibliography/public/>)

(*corresponding author, &co-first author, # senior author)

1. Zhang, Y., Flannery, M., Zhang, Z., Blazey, M, Bobry M., Leblanc, N., **Zhang, C.** (2024). Digital Health Psychosocial Intervention in Adult Patients with Cancer and their Families: A Systematic Review and Meta-analysis. *Journal of Medical Internet Research in Cancer*. (<https://cancer.jmir.org/2024/1/e46116>).

2. Wang, M., Zhao, Y., **Zhang, C.**, Lou, J. (2023). The Within-Host Viral Kinetics of SARS-COV-2. *Journal of Applied Analysis and Computations*. <https://doi:10.11948/20220389>.
3. ***Zhang, C.** & Liu, Y. (2022). Editorial for the Special Issue-'HIV Testing, Prevention, and Care Cascade'. *Trop. Med. Infect. Dis.* 2022, 7, 387. <https://doi.org/10.3390/tropicalmed7110387>.
4. ***Zhang, C.** & Vermund, S. (2022). Voluntary Medical Male Circumcision for HIV Prevention: A Global Overview. *Current Opinion in HIV/AIDS*. 19:474–483 (2022) doi:10.1007/s11904-022-00632-y. PMID: 36348186
5. ***Zhang, C.**, Fiscella, K., Chang, W., Przybylek, S. Liu, Y. (2022). Telemedicine experience for PrEP care among PrEP-eligible women and their primary care providers during the first year of the COVID-19 pandemic in the United States. *Tropical Medicine and Infectious Diseases*. 2022.7(10).280.
6. Wang, Z., Zhang, Z., **Zhang, C.**, Jin, X., Wu, J., Sun, B., Shen, Y., Ruan, Y., Xing, H., Lou, J. (2022). Trace the history of HIV and predict its future through genetic sequences. *Tropical Medicine and Infectious Disease*. 7(8):190. doi: 10.3390/tropicalmed7080190.
7. Liu, Y., Hawkins, M., Osman, A., **Zhang, C.** (2022). Assessing the prevalence and determinants of exposure-influenced HIV testing among a sample of pre- and post-exposure prophylaxis-naïve young men who have sex with men in the United States. *Tropical Medicine and Infectious Diseases*. 7(8):146. doi: 10.3390/tropicalmed7080146.
8. Wang, Y., Mitchell, J., **Zhang, C.**, Brown, L., Przybyla, S., Liu, Y. (2022). Suboptimal follow-up on HIV test results among young men who have sex with men: a community-based study in two U.S. cities. *Tropical Medicine and Infectious Diseases*. 7,139.
9. ***Zhang, C.**, Fiscella, K., Liu, Y. (2022). Exploring the role of provider-patient combination in women's sexual health and PrEP care at the primary care settings in the United States. *International Journal of Environmental Research and Public Health*. 19(13): 8084. doi: 10.3390/ijerph19138084.
10. Wu, H., Zhao, Y., **Zhang, C.**, Wu, J., Lou, J. (2022). Structural and practical identifiability analyses on the transmission dynamics of COVID-19 in the United States. *Journal of Applied Analysis and Computation*. 12 (4): 1475-1495. DOI:10.11948/20210300.
11. Wang, Y., Mitchell, J., **Zhang, C.** & Liu, Y. (2022). Evidence and implication of interventions across various socio-ecological levels to address pre-exposure prophylaxis uptake and adherence among men who have sex with men in the United States: a systematic review. *AIDS Research and Therapy*. DOI: 10.1186/s12981-022-00456-1.
12. ***Zhang, C.** & Liu, Y. (2022). Understanding the Association between PrEP Stigma and PrEP Cascade Moderated by the Intensity of HIV Testing. *Trop. Med. Infect. Dis.* 2022, 7, 74. <https://doi.org/10.3390/tropicalmed7050074>.
13. Muheriwa, S., Cianelli, R., Leblanc, N., **Zhang, C.**, Santis, J., Villegas, N., McMahan, M. (2022). Associations between Home and School-based Violent Experiences and the Development of Sexual Behavior in Young Adolescent Girls in the Rural Southern Region of Malawi. *International Journal of Environmental Research and Public Health*.
14. ***Zhang, C.** Przybylek, S., Braksmajer, A., & Liu, Y (2022). An Integrated Conceptual Framework of Behavioral Intervention Technologies to Promote Healthcare Utilization Among Socially-Marginalized Populations in the U.S. *Journal of Nursing Studies and Patient Care*: 3(1): 12-23. PMID: 35727723
15. Russ, S., **Zhang, C.**, Przybyla, S. Liu, Y. (2022). Racial differences of psychosocial characteristics, HIV risk-taking and HIV prevention uptake between men who have sex with men only and men who have sex with men and women: A community-based study in two US cities. *Journal of Homosexuality*. 1-19. doi: 10.1080/00918369.2022.2048160
16. Liu, Y., Russ, S., Mitchell, J., Przybyla, S., **Zhang, C.** (2022). Assessing the Determinants of Quality of Life and the Impact on HIV Prevention Measures among HIV-Negative and Status-Unknown Young Men Who Have Sex with Men: A Study in Two U.S. Metropolitan Areas. *International Journal of Environmental Research and Public Health*. 19(2):726.
17. Liu Y, Bleasdale J, Przybyla S, Brown L, **Zhang C.** (2022). Racial differences of poppers use, psychosocial determinants, and impacts on sexual risks and HIV prevention uptake among young men who have sex with men in two U.S. cities. *Substance use and misuse*. 2022; 57 (4): 560-568.
18. Jin, X., Wang, Z., Zhang, Z., Wu, H., Ruan, Y., **Zhang, C.**, Kang, R., Xing, H. Lou, J. (2021). The transmission of drug-resistant strains of HIV in heterosexual populations based on genetic sequences. *PLoS One* (in press).
19. Liu Y, Brown L, Przybyla S, Bleasdale J, **Zhang C.** (2021). Characterizing racial differences of mental health burdens, psychosocial determinants, and impacts on HIV prevention outcomes among young black and white men who have sex with men. *Journal of Racial and Ethnic Health Disparities* (<https://doi.org/10.1007/s40615-021-01052-1>)

20. Leblanc, N., Crean, H., Dyer, T., **Zhang, C.**, Turpin, R., Zhang, N., Smith, M., McMahon, J., Nelson, L. (2021). Ecological and Syndemic Predictors of Drug Use During Sex and Transactional Sex among US Black Men Who have Sex with Men: A Secondary Data Analysis from HPTN 061. *Archives of Sexual Behavior*. 50:2031–2047.
21. Russ, S., **Zhang, C.**, Liu, Y. (2021). Pre-exposure prophylaxis care continuum, barriers, and facilitators among black men who have sex with men in the United States: A systematic review and meta-analysis. *AIDS and Behaviors (in press)*.
22. Jiang, H., Zhang, X., ***Zhang, C.**, Lu, R., Zhou, C., Ouyang, L. et al. (2020). Trends of HIV, HCV, and syphilis seroprevalence among injection and non-injection drug users in southwestern China, 2010-2017. *AIDS Care*. <https://doi.org/10.1080/09540121.2020.1856320>.
23. ***Zhang, C.**, Warton, M., Xue, Y., LeBlanc, N., Liu, Y. (2020). Understanding the role of nurse practitioners, physician assistants and other nursing staff in HIV PrEP care in the U.S: a systematic review and meta-analysis. *BMC Nursing*, 19(1): doi: 10.1186/s12912-020-00503-0.
24. Braksmajer, A., **Zhang, C.**, McMahon, J. (2020). Associations Between Relationship Power and Pre-Exposure Prophylaxis (PrEP) Use Among Men Who Have Sex With Men. *AIDS Behaviors*. 24(5):1358-1364
25. McMahon JM, Braksmajer A, **Zhang C**, Leblanc N, Chen M, Aidala A, Simmons J (2020). Syndemic factors associated with adherence to antiretroviral therapy among HIV-positive adult heterosexual men. *ART Research and Therapy*. (in press).
26. ***Zhang, C.**, McMahon, J., LeBlanc, N., Braksmajer, A., Hugh C., Alcena-Stiner, D. (2020). Association of Medical Mistrust and Poor Communication with HIV-Related Health Outcomes and Psychosocial Wellbeing Among Heterosexual Men Living with HIV. *AIDS Patient care and STDs*. 34(1):27-37. doi: 10.1089/apc.2019.0200.
27. ***Zhang, C.**, Webb, G., Shepherd, B., Qian, H., Lou, J., Vermund, S. Mathematical modeling to assess the efficacy of circumcision on HIV prevention among MSM in China. (2020). *AIDS Care*, 32(3): 343-353.
28. Chi, P., Zhao, S., **Zhang, C.**, Li, X., Guo, Y., Liu, X., Du, H. (2019). Effects of Psychosocial Interventions on Children Affected by Parental HIV/AIDS: A Meta-Analysis on Depression and Anxiety. *BMC Public Health*. 19(1):1572. doi: 10.1186/s12889-019-7806-x.
29. ***Zhang, C.**, McMahon, J., Fiscella, K., Pryzybyla, S., Braksmajer, A., LeBlanc, N., Liu, Y. (2019). PrEP implementation among health professionals in the U.S.: A systematic review and meta-analysis. *AIDS Patient care and STDs*, 33(12): 507-527.
30. ***Zhang, C.**, Qian, H., Liu, Y., Vermund, S. (2019). Voluntary Medical Male Circumcision and HIV infection among men who have sex with men: implications from a systematic review. *Sage Open Medicine*, 7: 1-9;
31. ***Zhang, C.**, Simmons, J., McMahon, J., Brown, L., Nash, R., Liu, Y. (2019). PrEP care cascade among drug-using women in the U.S.: a systematic review and meta-analysis. *AIDS and Behaviors*. DOI: 10.1007/s10461-019-02573-x
32. Lambert F, **Zhang C**, Braksmajer A, McMahon J. Childhood trauma experiences and HIV-related symptoms in HIV-positive heterosexual men (2019). *Nursing research*. 68(2): E133.
33. ***Zhang, C.**, Penson, D., Webb, G., Shepherd, B., Qian, H., Lou, J., Vermund, S. (2019). Modeling economic and epidemiological impact of voluntary medical male circumcision among MSM in Beijing, China. *International Journal of HIV/AIDS*. 30(7):630-638. doi: 10.1177/0956462419831859. [Epub ahead of print].
34. Liu Y, Silenzio VMB, Nash R, Luther P, Bauermeister J, Vermund SH, ***Zhang C**. (2020). Suboptimal recent and regular HIV testing among Black men who have sex with men in the United States: Implications from a meta-analysis. *J Acquir Immune Defic Syndr*. 2019 Feb 27. doi: 10.1097/QAI.0000000000002013.
35. Lou, J., Cheng, J., Li, Y., **Zhang, C.**, Xing, H., Ruan, Y. et al. (2018). Comparison of different strategies for controlling HIV/AIDS spreading in MSM. *Infectious Disease Modeling*. 3: 293-300.
36. ***Zhang C.**, Li X., Liu Y, Qiao, S., Chen, Y., Tang, Z., Zhou Y. (2018). Impacts of HIV stigma on psychosocial well-being and behaviors of substance use among people living with HIV/AIDS in China: Age difference. *AIDS Education and Prevention*. (30(2):108-119. doi: 10.1521/aeap.2018.30.2.108.
37. Liu, Y., Vermund, S., Lu, H., **Zhang, C.**, Liu, H., Ruan, Y., Shao, Y., Qian, H. (2018). HIV testing and sexual risks among migrant men who have sex with men: findings from a large cross-sectional study in Beijing, China. *AIDS Care*. 2017 Sep 25:1-9. doi: 10.1080/09540121.2017.1381331. [Epub ahead of print]
38. Liu, Y., Qian, H., Amico, K.R., Liu, H., Yin, L., Ruan, Y., Shao, Y., **Zhang, C.**, Vermund, S.H. (2017). Subsequent sexual risks among men who have sex with men may differ by sex of first partner and age at sexual debut: a cross-sectional study in Beijing, China. *AIDS and Behaviors*. 2017 Jan 21. doi: 10.1007/s10461-017-1677-x. [Epub ahead of print]
39. Huang, Y., **Zhang, C.**, Wu, J & Lou, J. (2017). Modelling the HIV persistence through the network of lymphocyte recirculation in vivo. *Infectious Disease Modeling*. 2(1): 90-99.

40. *Zhang C., Li X., Liu Y, Qiao, S., Chen, Y., Tang, Z., Zhou Y. (2016). Co-infections of Tuberculosis, Hepatitis B or C viruses in a Cohort of People Living with HIV/AIDS in China: Predictors and Sequelae. *AIDS Care*. 10.1080/09540121.2016.1271388 (in press).
41. Zhang, C., Liu, Y., Su, X., Wang, J., Lu, H., He, X., Zhang, H., Ruan, Y., Shao, Y., Vermund, S., Qian, H. (2016). Substance use and HIV-risk behaviors among HIV-positive men who have sex with men in China: associations in a cohort study design. *AIDS Care*. (in press).
42. *Zhang C., Li X., Liu Y, Qiao, S., Chen, Y., Tang, Z., Zhou Y. (2016). Impacts of HIV stigma on psychosocial well-being and behaviors of substance use among people living with HIV/AIDS in China: Stratified analysis by SES. *PLoS One*. doi.org/10.1371/journal.pone.0165624 (in press).
43. Liu Y., Ruan Y., Strauss S.M., Yin L., Liu H., Amico K.R., Zhang C., et al., (2016). Alcohol misuse, risky sexual behaviors and HIV or syphilis infections among Chinese MSM. *Drug Alcohol & Dependence*.168:239-246. doi: 10.1016/j.drugalcdep.2016.09.020. [Epub ahead of print]
44. Zhang, L., Shah, I. H., Li, X., Zhou, Y., Zhang, C., Zhang, X. et al. Does the use of HIV testing and counseling services influence condom use among low-paid female sex workers in Guangxi, China? (2017). *AIDS Care*. 29(3):335-338.
45. *Zhang, C., Li, X., Liu, Y., Qiao, S., Su, S., Zhang, L., Zhou, Y., Chen, Y., Shen, Z. (2016). A Pedigree-based Proxy Measure of Genetic Predisposition of Drinking and Alcohol Use among Female Sex Workers in China: a cross-sectional study. *AIDS Care*. (in press).
46. Zhang, C., Qian HZ, Yin L, Liu Y, Strauss SM, Ruan Y, Shao Y, Lu H, Vermund SH. Sexual behaviors linked to drug and alcohol use among men who have sex with men in China. *Substance use & misuse*. 2016 Dec 5;51(14):1821-30.
47. Liu, Y., Vermund, S., Li, D., Ruan, Y., Zhang, C., Yin, L., Shao, Y., Qian, H. Associations of current marital status and living arrangements with HIV and syphilis risk: findings from a community-based sample of men who have sex with men in China. (2016). *AIDS Care* (in press).
48. Liu, Y., Wang,J., Qian,H., Liu,H., Yin, L., Zhang, C., Lu, H., Ruan, Y., Vermund, S., Shao, Y. Seeking male sexual partners via Internet and traditional venues among Chinese men who have sex with men: implications for HIV risk reduction interventions. *AIDS and Behavior* (in press).
49. *Zhang, C., Li, X., Liu, Y., Qiao, S., Zhang, L., Zhou, Y., Tang, Z., Shen, Z., Chen, Y. (2016). Stigma against people living with HIV/AIDS in China: dose the route of infection matter? A predicative modeling strategy. *PLoS One*. 11(3):e0151078. doi: 10.1371/journal.pone.0151078. eCollection 2016. PMID: 26981636.
50. *Zhang, C., Li, X., Liu, Y., Qiao, S., Zhang, L., Zhou, Y., Shen, Z., Tang, Z. (2016). The negative effects of stigma against people living with HIV/AIDS in China. *AIDS Care special issue* (in press). PMID: 26886415
51. *Zhang, C., Li, X., Liu, Y., Tang, Z., Shen, Z., Zhou, Y., Su, S. (2015). Human immunodeficiency virus, syphilis and hepatitis C virus prevalence trends among cross-border migrant Vietnamese female sex workers in Guangxi, China. *BMC public health*. 15:1223. DOI 10.1186/s12889-015-2561-0
52. *Zhang, C., Hong, Y., Li, X., Shan, Q., Zhou, Y., Su, S. (2015). Psychological stressors in the context of commercial sex among female sex workers in China. *Healthcare for Women International*, 36(7):753-67. doi: 10.1080/07399332.2013.838247.
53. Ory, M. G., Altpeter, M., Belza, B., Helduser, J., Zhang, C., & Smith, M. L. (2015). Perceptions about community applications of RE-AIM in the promotion of evidence-based programs for older adults. *Evaluation & the Health Professionals*. 38(1): 15-20. doi. 10.1177/0163278714542335. Epub 2014 Jul 11.
54. Ory, M. G., Altpeter, M., Belza, B., Helduser, J., Zhang, C., & Smith, M. L. (2015). Perceived Utility of the RE-AIM Framework for Health Promotion/Disease Prevention Initiatives for Older Adults: A Case Study from the U.S. Evidence-Based Disease Prevention Initiative. *Frontiers in Public Health*, 2:143. doi: 10.3389/fpubh.2014.00143. eCollection 2014.
55. Tang, Z., *Zhang, C., Li, X., Liu, Y., Zhou, Y., Shen, Z., & Su, S. (2015). HIV risk among female sex workers with different patterns of drug use behaviors in Southwest China: a cross-sectional study. *AIDS Care* ;27(3):293-300. doi: 10.1080/09540121.2014.980214.
56. Qiao S, Li X, Zhang C., Zhou YJ, Shen ZY, Tang ZZ (2015). Social support and condom use among female sex workers in China. *Health Care for Women International*, 36(7):834-50. doi: 10.1080/07399332.2014.971952. Epub 2014 Dec 22.
57. Su, S., Li, X. Lin, D., Zhang, C., Qiao, S., Zhou, Y. (2015). Social-context factors, Refusal Self-efficacy and Alcohol Use among female sex workers in China. *Psychology, Health & Medicine*, 20(8):889-95. doi: 10.1080/13548506.2014.966727. Epub 2014 Oct 15.

58. ***Zhang C.**, Li X., Su S., Hong Y., Zhou Y., Zhen T., Shen Z. (2015) Violence against Chinese female sex workers from their stable partners: a hierarchical multiple regression analysis. *Healthcare for Women International*, 36(7):797-815. doi: 10.1080/07399332.2014.909432. Epub 2014 Jun 13.
59. Zhang, L., Li,X., Zhou,Y., Lin, D. , Su, S., **Zhang, C.**, Stanton, B. (2015). Predictors of consistent condom use among Chinese female sex workers: an application of the Protection Motivation Theory. *Health Care for Women International*, 36(7):816-33. doi: 10.1080/07399332.2014.942902. Epub 2014 Sep 26.
60. Shen, Z., ***Zhang, C.**, Li, X., Su, S., Cui, Y., Zhou, Y. & Tang, Z. (2014). HIV-related behavioral risk factors among older female sex workers in Guangxi, China. *AIDS Care*. 26(11):1407-10. doi: 10.1080/09540121.2014.913764. Epub 2014 Apr 28.
61. Xu, J.; **Zhang, C***.; Hu, Q.; Chu, Z.; Zhang, J.; Li, Y. et al. (2014). Relationship between recreational drug use and HIV/STIs among Chinese men who have sex with men: mediation through multiple sexual partnerships. *BMC Infectious Disease*, 14:642. doi: 10.1186/s12879-014-0642-9.
62. Qiao, S., Li, X., **Zhang,C**, Zhou, Y., Shen, Z., Tang, Z., Stanton, B. (2014). Psychological Fears among Low-Paid Female Sex Workers in Southwest China and Their Implications for HIV Prevention. *PLoS One*, 9(10):e111012. doi: 10.1371/journal.pone.0111012. eCollection 2014.
63. Su, S., Li, X., Zhang, L., Lin, D., **Zhang, C.**, & Zhou, Y. (2014). Age group differences in HIV risks and mental health problems among female sex workers in Southwest China. *AIDS care*, 26(8):1019-26. doi: 10.1080/09540121.2013.878780. Epub 2014 Jan 13.
64. ***Zhang C**, Li X, Su S, Zhang L, Zhou Y, Shen Z, Tang Z.(2014). Prevalence of HIV, syphilis, and HCV infection and associated risk factors among male clients of low-paying female sex workers in a rural county of Guangxi, China: a cross-sectional study. *Sexually Transmitted Infections*. 2014; 90:230–236. doi: 10.1136/sextrans-2013-051275. Epub 2014 Jan 30.
65. Hong, Y., ***Zhang, C.** Li, X., Zhou, Y., Liu, W. (2014). Female sex workers and their gatekeepers in China: implications for HIV/STI prevention. *Qualitative Health Research*, 24(10):1431-9. doi: 10.1177/1049732314548597. Epub 2014 Aug 21.
66. ***Zhang, C.**, Li, X., Hong, Y., Su, S., Zhou, Y. (2014). Relationship between female sex workers and gatekeeper: the impact on female sex worker's mental health in China. *Psychology, Health & Medicine*, 19(6):656-66. doi: 10.1080/13548506.2013.869612. Epub 2013 Dec 17.
67. Mehta, N., **Zhang, C.**, Hua, X, Redmon, P., Eriksen, M., Koplan, J., Ali, M. (2014). Tobacco smoking among government employees in six cities in China. *Heart Asia*; 6:179-183 doi:10.1136/heartasia-2014-010557.
68. Hong Y, **Zhang C**, Li X, Lin D, Liu Y. (2013). HPV and cervical cancer related knowledge, awareness and testing behaviors in a community sample of female sex workers in China. *BMC Public Health*, 13: 696 doi:10.1186/1471-2458-13-696.
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UNDER REVISION/REVIEW

87. Muheriwa, S., Ciminelli, J., Anson, E., Zhang, C., LeBlanc, N. (2024). Early Sexual Debut among Young Adolescent Boys and Girls: A determinant for early initiation of sexual health support in the United States. *Journal of Sexual Health* (under review).
88. Chang, W., Zhang, C. (2024). Revisiting the prevalence of unhealthy alcohol use among ethnic minority immigrant gay, bisexual men, and other men who have sex with men in North America: A systematic review and meta-analysis. *Journal of Immigrant and Minority Health* (under review).
89. Liu, Y., Mitchell, J., Brown, L., Chandler C., Zhang, C. (2024). Associations of Minority Stressors, Alcohol Use Disorder, Resilience, and HIV Testing Self-Efficacy among Black Men who Have Sex with Men in a Southern U.S. City: A Causal Mediation and Moderation Analysis. *AIDS and Behavior* (under review).
90. Koleck, T., Dreisbach, C., Zhang, C., Grayson, S., Lor, M., Leggio, K., Conway, A., Bakken, S. (2024). Data User Guide for Social Determinants of Health Survey Data in the All of Us Research. *Journal of American Medical Informatics Association* (under review).
91. Zhang, C., Mitchell, W., Liu, Y (2024). A Research Protocol to Reduce Racial Disparities in HIV Prevention Using A Nurse-Led, AI-Enhanced Program for PrEP Utilization Among Black Cisgender Women. *Journal of Medical Internet Research* (under review).
92. Zhang, C., Mitchell, W., Liu, Y (2024). Structural Racism against Black African American in the United States: A Noval Data Mining Strategy to Explore Evidence (under review).

BOOK CHAPTERS

- Vermund, S., Zhang, C., Gorgens, M. (2014). Chapter 10: The essence of HIV prevention evaluation of the Handbook of HIV for the World Bank. World Bank, Washington, DC., U.S. (in press)
- Zhang, C., Vermund, S. (2018). South, Southeast, and East Asia, specific characteristics of HIV/AIDS epidemic. *Encyclopedia*. SpringerReference. (in press). DOI: 10.1007/978-1-4614-9610-6_172-1
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- Lou, J., Tang, S., Ruan, Y., Zhang, C., Shao, Y. (2016). The role of bundled HIV transmission prevention strategies for men who have sex with men in Beijing, China. *Survey Methodology*. John Wiley & Sons, Inc., Hoboken, New Jersey. (in press).
- Lou, J., Wu, J., Ruan, Y., Zhang, C., Shao, Y. (2016). A sex-role-preference Model about HIV-1 Transmission among MSM population. John Wiley & Sons, Inc., Hoboken, New Jersey. (in press).

CONFERENCE PRESENTATION

1. Chang, W., LeBlanc, N., **Zhang, C.** (2024). Unhealthy Alcohol Use among Gay, Bisexual, and Other Men Who have Sex with Men: A Concept Clarification. American Psychiatric Nurse Association Conference. New York, NY (2024) (1st place award for the poster presentation).
2. **Zhang, C.**, Dreisbach, C. Liu, Y. (2024). Analysis of Social Determinants of Health among Gay, Bisexual and Men who have Sex with Men in the United States: Insights from the All of Us project. LGBTQ Annual Conference, Atlanta, GA (2024)
3. **Zhang, C.**, Dreisbach, C. Liu, Y. (2024). Explore racial differences for social support, perceived stress, and everyday discrimination in the cohort of Gay, Bisexual, and Men who have Sex with Men in the United States. LGBTQ Annual Conference, Atlanta, GA (2024)
4. **Zhang, C.**, Qiao, S., Wharton, M., Liu, Y. (2024). Understand neighborhood-level stressor and resilience sources, healthcare discrimination and alcohol use among sexual minority groups in the United States: Insights from the All of Us. The Society for the Scientific Study of Sexuality Conference. San Diego, CA, 2024.
5. **Zhang, C.**, Dreisbach, C. (2024). Understanding Racial/Ethnic Disparity in Social Support and Everyday Discrimination Among Cisgender Women in the United States: Insights from the All of Us Dataset. All of Us Conference (oral presentation).
6. **Zhang, C.**, Wharton, M., Ficella, K., Liu, Y. (2023). Structural Racism in Black people affected by HIV/AIDS. Association of Nurse AIDS Care conference. Oct 25-28, 2023. New Orleans, LO (oral presentation).
7. **Zhang, C.** & Liu, Y. (2022). *Understanding the association between PrEP stigma and PrEP cascade: a moderation analysis.* Association of Nurse AIDS Care Conference. Nov 17-19, 2022. Tampa, FL. (oral presentation).
8. **Zhang, C.** & Liu, Y. (2022). *You don't think about it until someone else brings it up to you": Women's Sexual Health and PrEP care at the Primary Care Settings in the United States.* Association of Nurse AIDS Care Conference. Nov 17-19, 2022. Tampa, FL. (oral presentation).
9. Muheriwa, R., Ciminelli, J., Anson, E., **Zhang, C.**, Leblanc, N. (2022). Early Sexual Debut Among Young Adolescent Boys And Girls (10-14 Years): A Determinant For Early Initiation Of Sexual Health Support In The United States. 2022 Annual Conference of the Society for the Scientific Study of Sexuality. Nov 3-6, 2022. Vancouver, BC. (oral presentation).
10. **Zhang, C.**, Przybelek, S., Braksmajer, A., Liu, Y. (2022). A Hybrid Conceptual Framework of Behavioral Intervention Technologies to Promote Healthcare Utilization Among Socially-Marginalized Populations in the United States. Fourth annual Innovations in Global Health Conference. March 2022, Rochester Institute of Technology (recorded presentation).
11. Liu, Y., Mitchell, J., Przybyla, S., **Zhang, C.** (2022). Assessing the performance of HIV testing self-efficacy and relevant theoretical constructs in predicting HIV testing intention among young men who have sex with men in two US urban areas. *International AIDS Conference, July 29-August 2 2022. Montreal, Canada* (ePoster+ recorded presentation).
12. Liu, Y., Mitchell, J., **Zhang, C.** (2022). Low uptake of exposure-influenced HIV testing among a sample of pre/post-exposure prophylaxis (PrEP/PEP) naïve young men who have sex with men in two U.S. cities: implication for targeted interventions. *International AIDS Conference, July 29-August 2 2022. Montreal, Canada* (ePoster+ recorded presentation).
13. Liu, Y., Mitchell, J., **Zhang, C.** (2022). Assessing the moderating effect of descriptive PrEP norms on the association between PrEP-related stigma and PrEP use among young men who have sex with men in two U.S. cities. *International AIDS Conference, July 29-August 2 2022. Montreal, Canada* (ePoster+ recorded presentation).
14. **Zhang, C.**, Przybelek, S., Liu, Y. (2022). "PrEP Discussion Paradox" at primary care settings: perspectives regarding PrEP care from patients and healthcare providers. *International AIDS Conference, July 29-August 2 2022. Montreal, Canada* (ePoster+ recorded presentation).
15. **Zhang, C.**, Przybelek, S., Liu, Y. (2022). Primary care providers' perspectives regarding PrEP care at primary care settings: a qualitative analysis. *International AIDS Conference, July 29-August 2 2022. Montreal, Canada* (Poster).
16. **Zhang, C.**, Przybelek, S., Liu, Y. (2022). Has the COVID-19 Pandemic changed the quality of patient-provider communication regarding PrEP care? *International AIDS Conference, July 29-August 2 2022. Montreal, Canada* (ePoster+ recorded presentation).
17. **Zhang, C.**, Liu, Y. (2019). Pre-exposure Prophylaxis Care Implementation among Health Professionals in the United States: implications from a systematic review. *Adherence 2019. June 14-16 2019. Miami, FL.* (Presentations)

18. LeBlanc, N. Crean, H., **Zhang, C.**, Nelson, L. (2019). Group Differences of Main Partners on Ecological and Syndemic Factors and Situational Sex among US Black MSM: A Secondary Data Analysis. Association in Nurses in AIDS Care 2019. Nov 7-9, 2019. Portland, OR.(Presnetations).
19. **Zhang, C.**, Liu, Yu (2019). Understanding “Purview Paradox” in the Implementation of Pre-Exposure Prophylaxis Care in the United States. Association in Nurses in AIDS Care 2019. Nov 7-9, 2019. Portland, OR. (Presentations).
20. **Zhang, C.**, Liu, Yu (2019). A neglected role of nursing cohort in HIV pre-exposure prophylaxis care implementation in the United States. American Public Health Association, 2019. Nov 2-6, 2019. Philadelphia, PA. (poster).
21. Lambert, F., **Zhang, C.**, Brakesmajor, A., McMahon, J. (2019). Childhood Trauma Experiences and HIV-Related Symptoms in HIV-Positive Heterosexual Men. 31st Annual ENRS Scientific Sessions. April 3-5 2019. Providence, RI. (poster).
22. Leblanc, NM, Crean, HF, **Zhang, C.**, Dyer, TP, McMahon, J, Nelson, LE. (2018). Investigating the Role of Ecological and Syndemic Factors on Threats to Sexual Health among US Black Men who have Sex with Men: A Secondary Data Analysis APHA Conference 2018. Session 2109.0: SRH Section Poster Session: Other Issues in Sexual and Reproductive Health Part I (ID=55623). Abstract ID: 421786. San Diego, CA (Poster)
23. Leblanc, NM, Crean, HF, **Zhang, C.**, Dyer, TP, McMahon, J, Nelson, LE. (2018). Ecological Factors and Sexual Health Outcomes in US Black Men who have Sex with Men: A Secondary Data Analysis. 2018 National CFAR Scientific Symposium Meeting. Nov. 7, 2018. Atlanta, GA (Presentation)
24. Leblanc, NM, Crean, HF, **Zhang, C.**, Dyer, TP, McMahon, J, Nelson, LE. (2018). Threats to Sexual Health: Investigating the Role of Ecological and Syndemic Factors among US Black Men who have Sex with Men (A Secondary Data Analysis). University of Rochester School of Nursing Grandrounds. Nov. 14, 2018 Rochester, NY (Presentation)
25. Leblanc, NM, Crean, HF, **Zhang, C.**, Dyer, TP, McMahon, J, Nelson, LE.(2018). Investigating the Role of Ecological and Syndemic Factors on Threats to Sexual Health among US Black Men who have Sex with Men: A Secondary Data Analysis. University of Rochester CFAR World AIDS Day 2018 - Scientific Symposium. November 30, 2018 Rochester, NY (Poster)
26. Leblanc, NM, Crean, HF, **Zhang, C.**, Dyer, TP, McMahon, J, Nelson, LE. Investigating the Role of Ecological and Syndemic Factors on Threats to Sexual Health among US Black Men who have Sex with Men: A Secondary Data Analysis. University of Rochester CFAR World AIDS Day 2018 - Scientific Symposium. November 30, 2018 Rochester, NY (Poster)
27. **Zhang, C.**, Liu, Y., Babu, T., Urban, M. & Gangat, M. Exploring Predictive Factors of “Time to HIV Diagnosis since Last Pre-HIV Medical Visit”. World AIDS Symposium, Rochester, NY. Nov 30 2018.
28. **Zhang, C.**, Liu, Y., Babu, T., Urban, M. & Gangat, M. Exploring Predictive Factors of “Time to HIV Diagnosis since Last Pre-HIV Medical Visit”. APHA Annual Meeting and Expo. San Diego, CA. Nov 10-14 2018.
29. **Zhang, C.**, Liu, Y. PrEP care cascade among drug-using women in the U.S.: a systematic review and meta-analysis. APHA Annual Meeting and Expo. San Diego, CA. Nov 10-14 2018.
30. **Zhang, C.**, Li, X., Liu, Y., Shen,Z., Zhou, Y. Impacts of HIV stigma on psychosocial well-being and behaviors of substance use among people living with HIV/AIDS in China: Age difference. URMCFAR World AIDS Day Conference, Dec 1 2017. Rochester, NY.
31. Qiao, S., Li, X., Zhou, Y., Shen,Z., **Zhang, C.** Health care access affects medication adherence and quality of life among people living with HIV/AIDS in South China. The 144rd APHA Annual Meeting and Exposition, October 29 - November 2, 2016 in Denver.
32. **Zhang, C.**, Li, X., Zhou, Y., Chen, Y., Qiao, S., Liu, Y., Shen, Z. Exploring predictors of concurrent infections among people living with HIV/AIDS in Southwest China. The 144rd APHA Annual Meeting and Exposition, October 29 - November 2, 2016 in Denver.
33. **Zhang, C.**, Liu, Y. A transition from intention to action: A conceptual framework of voluntary medical male circumcision among Chinese men who have sex with men in China. The 144rd APHA Annual Meeting and Exposition, October 29 - November 2, 2016 in Denver.
34. **Zhang, C.**, Li, X., Zhou, Y., Chen, Y., Liu, Y., Shen, Z.,& Qiao,S. Prevalent coinfections and corresponding sequela among people living with HIV/AIDS in China: A warning alarm! The 144rd APHA Annual Meeting and Exposition, October 29 - November 2, 2016 in Denver.
35. Zhou, Y., **Zhang, C.**, Li, X., Liu, Y., Qiao, S., Shen, Z., & Chen, Y. (2016). The predictive power of stigma on substance use and sexual risk behaviors among people living with HIV/AIDS in Southwest China. AIDS 2016 Conference. Durban, South Africa, July 18-22, 2016.

36. **Zhang, C.** Coinfection of TB, HBV and HCV in a cohort of PLWHA in China: predictors and sequelae. 1st Conference of China Health Policy and Management Society (CHPAMS). Atlanta, GA. May 13-14,2016.
37. Chi, P., **Zhang, C.**, Du, H., & Li, X. (2016, January, 16-17). Psychosocial Interventions for Children Affected by Parental HIV/AIDS: A Meta-Analytic Review. Poster presented at the BeHealth Conference 2016 (Hong Kong Society of Behavioral Health), Hong Kong
38. Li X, Zhang L, Zhou Y, Qiao S, **Zhang, C.**, Chen Y, Lin Z, Stanton B. Timing of initiation of antiretroviral therapy related to hepatitis C among people living with HIV in Guangxi, China. The 143rd APHA Annual Meeting and Exposition, October 31 - November 4, 2015 in Chicago.
39. Qiao S, Li X, **Zhang, C.**, Zhou Y, Shen Z, Clinical outcomes, emotional management, and medicine adherence among HIV patients in China. The 143rd APHA Annual Meeting and Exposition, October 31 - November 4, 2015 in Chicago.
40. **Zhang, C.**, Li X, Liu Y, Qiao S, Zhang L, Su S. A proxy measure of genetic predisposition of drinking predicting alcohol use among female sex workers in China. The 143rd APHA Annual Meeting and Exposition, October 31 - November 4, 2015 in Chicago.
41. **Zhang, C.**, Li, X., Chen,Y., Qiao,S., Zhang, L. Predictive model of exploring factors that associated with stigma against people living with HIV in China. AIDS IMPACT Conference, Amsterdam, Netherlands. July 28-July 31, 2015.
42. **Zhang, C.**, Li, X., Qiao,S.,Chen,Y. Stigma against people living with HIV/AIDS in China: dose the route of infection matter? AIDS IMPACT Conference, Amsterdam, Netherlands. July 28-July 31, 2015.
43. **Zhang, C.**, Li, X., Chen,Y., Qiao,S., Zhang, L. A continuum of burden as the sequelae of stigma against people living with HIV/AIDS in China. AIDS IMPACT Conference, Amsterdam, Netherlands. July 28-July 31, 2015.
44. Li, X., Qiao, S., **Zhang, C.**, Zhou, Y., Shen, Z., & Tang, Z. Using a socio-ecological approach to identify factors influencing partner HIV disclosure. AIDS IMPACT Conference, Amsterdam, Netherlands. July 28-July 31, 2015.
45. Qiao, S., Li, X., **Zhang, C.**, Zhou, Y., Shen, Z., & Tang, Z. Family communication, parental self-disclosure, and parental HIV disclosure. AIDS IMPACT Conference, Amsterdam, Netherlands. July 28-July 31, 2015.
46. Li, X., Qiao, S., **Zhang, C.**, Zhou, Y., Tang, Z. Clinical outcomes, emotional management, and medicine adherence among HIV patients in China. AIDS IMPACT Conference, Amsterdam, Netherlands. July 28-July 31, 2015.
47. Zhang, L., Li, X., Qiao, S., Zhou, Y., **Zhang, C.**, [Chen,Y.](#), Lin, Z., Stanton, B. Reproductive health needs of women infected with HIV in Guangxi, China. AIDS IMPACT Conference, Amsterdam, Netherlands. July 28-July 31, 2015.
48. Zhang, L., Li, X., Qiao, S., Zhou, Y., **Zhang, C.**, [Chen,Y.](#), Lin, Z., Stanton, B. Contraceptive use among people living with HIV in Guangxi, China. AIDS IMPACT Conference, Amsterdam, Netherlands. July 28-July 31, 2015.
49. Li X, Qiao S, Chen Y, **Zhang, C.** Zhou Y, Shen Z, Tang Z. Using a socio-ecological approach to identify factors influencing partner HIV disclosure. Oral presentation. AIDSIMPACT Conference, Amsterdam, Netherlands. July 28-July 31, 2015.
50. Li X, Qiao S, Chen Y, **Zhang, C.** Zhou Y, Shen Z, Tang Z. Clinical outcomes, emotional management, and medicine adherence among HIV patients in China. Oral presentation. AIDSIMPACT Conference, Amsterdam, Netherlands. July 28-July 31, 2015.
51. **Zhang, C.**, Li, X., Su, S. Zhang, L. [Exploring relationship between female sex workers and gatekeepers in China](#). 142nd APHA. APHA Annual Convention, New Orleans, November 15 - November 19, 2014.
52. Su, S., Li, X., **Zhang, C.**, Qian, S., Zhou, Y. Condom use among female sex workers in China: Roles of gatekeepers and venues. 142nd APHA Annual Convention, New Orleans, November 15 - November 19, 2014.
53. Su S, Li X, Zhang L, Lin D, Qiao S, **Zhang C.** Zhou Y. Age group differences in HIV risks and mental health problems among female sex workers in Southwest China.122nd APA Annual Convention. Washington DC, USA, Aug. 7-10, 2014.
54. **Zhang, C.**, Li, X., Qiao, S., & Zhang, L. Are information sources associated with the HIV-related knowledge among low-paying female sex workers in China? The 140th APHA Annual Meeting and Expo, Boston, MA, November 2-6, 2013.
55. **Zhang, C.**, Li, X., Qiao, S., Zhang, L., & Chi, P. Unprotected sex with their clients among low-paying female sex workers in Southwest China. The 140th APHA Annual Meeting and Expo, Boston, MA, November 2-6, 2013.

56. Qiao, S., Li, X., & **Zhang, C.** Fear of low-paying female sex workers and its implications in HIV prevention. The 140th APHA Annual Meeting and Expo, Boston, MA, November 2-6, 2013.
57. Li, X., **Zhang, C.**, Hong, Y., Su, S., Zhou, Y. Relationship between female sex workers and gatekeeper: the impacts on female sex worker's mental health in China. AIDS Impact Conference 2013, Barcelona, Spain, Sep 29-Oct 2, 2013.
58. Li, X., **Zhang, C.**, Hong, Y., Zhou, Y., Qiao, S. Psychological stressors in the context of commercial sex among female sex workers in China. AIDS Impact Conference 2013, Barcelona, Spain, Sep 29-Oct 2, 2013.
59. **Zhang, C.**, Li, X., Hong, Y. Misses and Mommies": Relationship of Female Sex Workers and Their Gatekeepers and its Implications for HIV/STI Prevention. 13th Annual American Academy of Health Behavior Meeting in Santa Fe, New Mexico, March 17-20, 2013.
60. **Zhang, C.**, Li, X., Hong, Y. Moving beyond sexual health: Psychosocial distress in venue-based female sex workers in China. 13th Annual American Academy of Health Behavior Meeting in Santa Fe, New Mexico, March 17-20, 2013.
61. Li, X., Zhang, L., Wang, B., **Zhang, C.**, Stanton, B. A structural equation model of perceived stigma, alcohol use, partner violence, and depressive symptoms among female sex workers in China. APHA 140th Annual Meeting and Exposition, San Francisco, CA, October 27-31, 2012.
62. Li, X., Zhang, L., Kaljee, L., **Zhang, C.**, Zhou, Y., Stanton, B. Associations of depression, substance use, self-efficacy and future control with sexual risk behavior among female sexual workers in China. APHA 140th Annual Meeting and Exposition, San Francisco, CA, October 27-31, 2012.
63. **Zhang, C.**, Li, X., Hong, Y., Stanton, B., Zhang, L., Wang, B., Zhou, Y. Concurrent sexual relationship among male clients of female sex workers in China. APHA 140th Annual Meeting and Exposition, San Francisco, CA, October 27-31, 2012.
64. **Zhang, C.**, Li, X., Hong, Y., Wang, B., Stanton, B., Liu, W. [Perceived HIV risks, types of sexually transmitted diseases, and discordant infection status among low-tier female sex workers in China](#). APHA 140th Annual Meeting and Exposition, San Francisco, CA, October 27-31, 2012.
65. Shen, Z. Li, X., **Zhang, C.**, Lin, M., Zhou, Y., Liu, W., Stanton, B. (2012). HIV prevention intervention services among FSWs in Guangxi China: Evidence from 2010 Sentinel Surveillance Data. XIX International AIDS Conference, Washington, DC. US, July 22-27, 2012.
66. Zhou, Y., Li, X., Kaljee, L., Zhang, L., **Zhang, C.**, Stanton B. "Predictors of condom use with casual and stable sexual partners among Chinese female sex workers based on the Protection Motivation Theory". XIX International AIDS Conference, Washington, D.C., 22-27 July 2012.
67. **Zhang, C.**, Li, X., Zhou, Y., Wu, D., Guo, G., Pan, D., Zhang, Z., Wen, X. (2012). Prevalence and correlates of vaginal douching among low-tier female sex workers in China. XIX International AIDS Conference, Washington, DC. US, July 22-27, 2012.
68. Guo, W., Li, X., **Zhang, C.**, Qiao, S., Wen, X., Lin, M., Wang, B. (2012). High rates of HIV and syphilis infection among older and low-tier FSWs in Guangxi China: Evidence from 2011 national Sentinel Surveillance Data. XIX International AIDS Conference, Washington, DC. US, July 22-27, 2012.
69. Li, X., **Zhang, C.** Liu, W., Zhou, Y. (2012). HIV risk factors of low-tier FSW and their Clients in China. The Frontier of HIV/AIDS Research in China. Georgetown's HIV/AIDS Research in China conference. DC Washington, US, July 21, 2012.
70. **Zhang, C.**, Li X., Hong Y., Zhou Y., Wu D., Guo W., Qiao S. (2012). Factors associated with HIV and sexually transmitted diseases among a sample of male clients of low-tier female sex workers in China. Georgetown's HIV/AIDS Research in China conference. DC Washington, US, July 21, 2012.
71. **Zhang, C.**, Li X., Hong Y., Guo W., Pan D., Chen Y., Wu D. (2012). Reasons for involving in sex work and HIV risks among low-tier female sex workers in China. Georgetown's HIV/AIDS Research in China conference. DC Washington, US, July 21, 2012.
72. Li, X., **Zhang, C.**, Chi, P., Chen, Y., Hong, Y., Wang, B., Liu, W., Zhou, Y. (2012). Female Sex Workers and Gatekeeper's Affective Relationship: Validating a Brief Measurement Scale. 2012 APS Annual Convention, May 24 - 27, 2012, Chicago, IL, USA.
73. Li, X., Zhang, L., Kaljee, L., **Zhang, C.**, Zhou, Y., Stanton, B. (2012). Female Sex Workers and Gatekeeper's Affective Relationship: Validating a Brief Measurement Scale. 2012 APS Annual Convention, May 24 - 27, 2012, Chicago, IL, USA.
74. Li, X., Zhang, L., Zhou, Y., Kaljee, L., **Zhang, C.**, Stanton, B. "Sexually transmitted infection and depressive symptoms among adolescent female sex workers in China". 2012 APS Annual Convention, Chicago, IL, May 24 - 27, 2012.

75. **Zhang, C.**, Hong, Y., Li, X. (2011). Innovative technology based interventions in China: A systematic literature review. Health System Reform in Asia 2011 Conference, Hong Kong, China, December, 2011.
76. **Zhang, C.**, Hong, Y., Li, X., & Wang, B. Relationship between intimate partner violence and stable partner characteristics among female sex workers in China (APHA 2011). The 139th APHA Annual Meeting and Expo, Washington DC., U.S., October 29-November 2, 2011
77. **Zhang, C.**, Hong, Y., Li, X., Zhang, Y., & Wang, B. Three types of partner violence and effects on HIV risks among female sex workers in China (APHA 2011). The 139th APHA Annual Meeting and Expo, Washington DC., U.S., October 29-November 2, 2011
78. Hong, Y., **Zhang, C.**, Li, X., Fang, X., & Wang, B. Psychosocial distress of female sex workers in China: A qualitative investigation (APHA 2011). The 139th APHA Annual Meeting and Expo, Washington DC., U.S., October 29-November 2, 2011
79. Wang, B., Li, X., Stanton, B., Hong, Y., **Zhang, C.**, Fang, X. Online sex-seeking and sexual risk behaviors among men who have sex with men (MSM) in China. The 139th APHA Annual Meeting and Expo, Washington DC, October 29-November 2, 2011.
80. Wang, B., Li, X., Stanton, B., Hong, Y., **Zhang, C.**, Fang X. Online sex-seeking and sexual risk behaviors among men who have sex with men (MSM) in China. 2011 AIDS-Impact Conference, Santa Fe, New Mexico, September 12-15, 2011.
81. Hong, Y., **Zhang, C.**, & Li, X. (2011). Alcohol abuse and sexual victimization among female sex workers in China. 19th International Society for STD Research (ISSTD), Quebec City, Canada, July 10-13, 2011.
82. Li, X. & **Zhang, C.** Alcohol abuse, psychosocial distress and HIV risks among female sex workers in China: a mediation analysis. Westlake Forum III: Healthcare Reform in China and the US: Similarities, Differences and Challenges, Atlanta, U.S., April 10-12, 2011.
83. Hong, Y., **Zhang, C.**, Li, X., Fang, X., Lin, X. Club-drug use among female sex workers in China: an exploratory analysis. 11th Annual Scientific Meeting of the AAHB, Hilton Head, South Carolina, U.S., March 20-23, 2011.
84. **Zhang, C.**, Hong, Y., Li, X. Alcohol abuse among female sex workers in China: the role of working environment. 11th Annual Scientific Meeting of the AAHB, Hilton Head, South Carolina, U.S., March 20-23, 2011.
85. **Zhang, C.**, Li, X., Guo, Y., Zhou, Y., Liu, W., Lin, X., Fang, X., Hong, Y. Alcohol abuse and mental health problems among female sex workers in Southwest China. International Conference on Interdisciplinary HIV/STD Research in China, Guangzhou, China, March 25-27, 2011.
86. Zhang, L., **Zhang, C.**, Hong, Y., Li, X. Stigma against female sex workers and associated sexual risks. The 138th APHA Annual Meeting and Expo, Denver, CO, U.S., November 6-10, 2010.
87. **Zhang, C.**, Hong, Y., Zhou, Y., Liu W., Li, X. Female sex workers and gatekeeper relationship: development of a culturally appropriate scale. The 138th APHA Annual Meeting and Expo, Denver, CO, U.S., November 6-10, 2010.
88. **Zhang, C.**, Hong, Y., Li, X. Female sex workers' stable sexual partners: a hidden population at high risk of HIV transmission. The 138th APHA Annual Meeting and Expo, Denver, CO, U.S., November 6-10, 2010.
89. Hong, Y., **Zhang, C.** Li, X., Fang, X., Lin, X. (2010). Internet use among female sex workers in China: implications for HIV/STI prevention. 9th International Conference on Urban Health. New York, U.S., October 27-29, 2010.
90. **Zhang, C.**, Hong, Y., Li, X. (2010). Intimate partner violence and mental health among female sex workers in China. 9th International Conference on Urban Health. New York, U.S., October 27-29, 2010.
91. **Zhang, C.**, Hong, Y., Wang, B., Li, X. Alcohol abuse and sexual risks among female sex workers. XVIII International AIDS Conference, Vienna, Austria, July 18-23, 2010.
92. Li, X., Hong, Y., Lin, X., **Zhang, C.**, Fang X. Intimate partners violence and HIV/STI related risks among female sex workers in China. XVIII International AIDS Conference, Vienna, Austria, July 18-23, 2010.
93. Lin, X., Hong, Y, **Zhang, C.**, Li, X. HIV testing among female sex workers in China. XVIII International AIDS Conference, Vienna, Austria, July 18-23, 2010.
94. **Zhang, C.** Relationship of female sex workers and gatekeepers: Implications for HIV/STD prevention. 137th APHA Annual Meeting, Philadelphia, PA, USA, November 7-11, 2009.
95. **Zhang, C.** Evaluation of a school-based injury prevention intervention in Beijing, China. 137th APHA Annual Meeting, Philadelphia, PA, USA, November 7-11, 2009.
96. Hong, Y & **Zhang, C.** Relationship of gatekeeper and female sex workers: implications for HIV/STD prevention intervention. Presentation at National Institute of Alcohol Abuse and Alcoholism (NIAAA) Guangxi Venue-Based Alcohol and HIV Risk Reduction Intervention Workshop, Guilin, China, July 15-22, 2009.

97. **Zhang, C.** School Health Education in Beijing. Presentation at Protecting the Vulnerable: Children in Disasters Program Workshop (Asia-Australia Mental Health Center), Beijing, China, July, 25-26, 2007

SERVICE

School-level

- Member, Faculty Examining Team for Ph.D. Qualifying Exam at School of Nursing, URM (2020~ present)
- Member, Ph.D. Subcommittee at School of Nursing (2021~ 2023)
- Member, Search Committee for Senior Administrator of Research at School of Nursing (2021)
- Member, Diversity, Equity, and Inclusiveness subcommittee (2020-2022; 2023~)
- Member, Taskforce for PhD Program Statistics (develop a short-course for perspective PhD students) 2023

University-level

- Member, Office of Health Equity Research Youth Advisory Board (2023~2024)

National-level

- Reviewer, Association of Nursing in AIDS Care conference (2017~ present)
- Grant Reviewer, University of South Carolina Big Data Health Science Center Pilot Project Reviewer (2021~present)
- Committee Member, Diversity, Engagement and Inclusiveness Committee, Association of Nurses in AIDS Care (2022~present)
- Committee Member, Awards Committee, Association for Clinical and Translational Science (2023~present)
- NIH Reviewer, NIH Population and Public Health Approach to HIV (PPAH) Study Session (2023).
- Peer Reviewer for National Institute of Mental Health (2024~).

International-level

- Reviewer, American Public Health Association conference (2010~present)
- Mentor, International AIDS Society Conference Abstract Mentoring Program (2016~ present)
- Associate Editor, BMC Public Health (2019~ present)
- Moderator, International Symposium on Health Development of Vulnerable Populations (2021)
- Guest Editor for Special Issue "HIV Testing, Prevention and Care Cascade" for Tropical Medicine and Infectious Disease (ISSN 2414-6366) (2022)
- Associate Editor for Frontier in Medicine (2022~)

REFREE SERVICES FOR RESEARCH JOURNALS

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| <ul style="list-style-type: none"> • <i>Journal of International AIDS Society</i> • <i>BMJ-Open</i> • <i>BMC Public Health/Women Health/Infectious Diseases</i> • <i>Journal of Current HIV Research</i> • <i>AIDS Care</i> • <i>Health Psychology and Behavioral Medicine</i> • <i>AIDS and Behavior</i> • <i>Bulletin of the World Health Organization</i> • <i>Psychology, Health & Medicine</i> • <i>Violence Against Women</i> • <i>Journal of Child and Adolescent Behavior</i> • <i>Community Medicine & Health Education</i> | <ul style="list-style-type: none"> • <i>Journal of Nursing & Care</i> • <i>Social Science & Medicine</i> • <i>Journal of women's health care</i> • <i>Sexually transmitted disease</i> • <i>Current HIV research</i> • <i>Women and Health</i> • <i>Sexuality Research and Social Policy</i> • <i>Substance use and misuse</i> • <i>Journal of Community Medicine & Health Education</i> • <i>Journal of Community & Public Health Nursing</i> • <i>Lancet Global Health/ HIV</i> • <i>AIDS</i> |
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PROFESSIONAL ASSOCIATIONS

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| American Public Health Association, Member | June 2009~ present |
| International AIDS Society, Member | June 2010~ present |
| Association of Nurses in AIDS Care, Member | November 2018~ present |