

Curriculum Vitae

I.A. Personal Information

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I.B. Academic Appointments at UMD

07/2015 - Current Full Professor
07/2017 – 07/2022 Department Chair
09/2012 – 06/15 Associate Professor (tenured)
Department of Epidemiology and Biostatistics
School of Public Health
University of Maryland, College Park

I.C. Other Employment

07/2007 – 08/2012 Associate Professor (tenured)
Department of Epidemiology and Community Health
School of Medicine
Virginia Commonwealth University
07/2003 - 06/2007 Assistant Professor (tenure track)
Prevention Research Center
School of Medicine
Wayne State University
07/1982 - 08/1991 Chief Epidemiologist
& 08/1993 -09/1995 Anhui Provincial Center for Disease Control and Prevention
(CDC),China

I.D. Educational Background

Graduate

03/1998 - 02/2002 Ph.D., Epidemiology (mentor: Dr. Roger Detels)

UCLA School of Public Health, Los Angeles, CA, USA

10/1995 - 03/1998 M.S., Epidemiology (mentor: Dr. Roger Detels)
UCLA School of Public Health, Los Angeles, CA, USA

Undergraduate

09/1991 - 07/1993 B.M. (Bachelor of Medicine), Health Administration, School of
Public Health, Shanghai Medical University, Shanghai, China

Professional Certifications and Licenses

07/2005-08/2005 Certificate, Longitudinal data analysis, University of Michigan

02/2002- 07/2003 Post-Doc Fellow/instructor, Epidemiology, Chinese University of
Hong Kong School of Public Health

II. Research, Scholarly and Creative Activities

II.A. Articles in Refereed Journals

^: intellectual leadership

#: co-authors I mentored as undergraduate and graduate students, postdoctoral researchers,
faculty research assistants, and junior faculty.

*: corresponding author.

1998

1. **Liu H[^]**, Xie J, Yu W, Song W, Gao Z, Ma Z, Detels R*. A Study of Sexual Behavior among Rural Residents of China. *Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology* 1998; 19: 80-88.

1999

2. **Liu H[^]**, Detels R*. An Approach to Improve Validity of Responses in a Sexual Behavior Study in a Rural Area of China. *AIDS and Behavior* 1999; 3:243-249.

2002

3. **Liu H[^]**, Detels R*, Li XJ, Ma E, Yin Y. Stigma, delayed treatment, and spousal notification among male patients with sexually transmitted disease in China. *Sexually Transmitted Diseases* 2002; 29:335-43.
4. Grusky O, **Liu H**, and Johnston M. HIV/AIDS in China: 1990-2001. *AIDS and Behavior*, 2002;6:381-393.

2003

5. **Liu H[^]**, Detels R*, Yin Y, Li XJ, Visscher B. Do STD clinics correctly diagnose STDs? An Assessment of STD management in clinics in Hefei, China. *International Journal of STDs and AIDS* 2003;14: 665 – 671.
6. **Liu H[^]**, Jamison D, Li XJ, Ma E, Yin Y, Detels R*. Is the syndromic approach better than the current approach for treatment of STDs in China? Evaluation of the cost-effectiveness of the syndromic approach for management of urethral discharge and genital ulcer. *Sexually Transmitted Infections* 2003;30:327-30.

7. **Liu H**[^], Detels R*, Li XJ, and Ma E. STD patients' sexual activities in the interval between noticing symptoms and presenting for treatment, *AIDS Patient Care and STD* 2003; 17:453-460.

2004

8. Yu TS, **Liu H**, Hui K. A case-control study on eye injuries in the workplace in Hong Kong. *Ophthalmology* 2004;111:70-74.
9. Wong TW, Yu TS, **Liu H**, Wang H. Household gas cooking: a risk factor for respiratory illnesses in preschool children. *Archives of Disease in Childhood* 2004;89:631-636.
10. Yu Ts, Wong TW, **Liu H**. Impact of Air Pollution on Cardiopulmonary Fitness in Schoolchildren. *Journal of Occupational and Environmental Medicine* 2004;46:946-52.
11. Yang H#, Li X, Stanton B, Fang, X, Lin D, Ma R, Chen X, **Liu H**. Willingness to participate in HIV/STD prevention activities among Chinese rural-to-urban migrants. *AIDS Education and Prevention* 2004;16:557-570.
12. Chen X, Li X, Stanton B, Fang X, Lin D#, Cole M, **Liu H**, Yang H#. Cigarette smoking among rural-to-urban migrants in Beijing. *Preventive Medicine*, 2004;39:666-73.

2005

13. Yang H#, Li X, Stanton B, Fang X, Lin D#, Mao R, **Liu H**, Chen X. HIV-Related Risk Factors Associated with Commercial Sex Among Female Migrants in China. *Health Care for Women International* 2005;26:134-148.
14. Yang H#, Li X, Stanton B, Fang X, Lin D#, Mao R, **Liu H**, Chen X, Severson R. Workplace and HIV/STD risk behavior and perceptions among female migrant workers in China. *AIDS Care*, 2005;17: 819-833.
15. Hu Z, Wang B, **Liu H**, Yang S, Ye D, Cao H. STD/AIDS knowledge, attitude, practice, and characteristics of market vendors in Hefei, China. *AIDS Patient Care and STDs* 2005;19:55-60.
16. **Liu H**[^], Li X, Stanton B, Liu H, Liang G, Chen X, Yang H#, Hong Y#. Risk factors for Sexually Transmitted Disease among rural-to-urban migrants in China: Implications for HIV/STD prevention. *AIDS Patient Care and STDs* 2005;19:49-57.
17. Lin D#, Li X, Yang H, Fang X, Stanton B, Chen X, Abbey AA, **Liu H**. Alcohol intoxication and sexual risk behaviors among rural-to-urban migrants in China. *Drug and Alcohol Dependence* 2005;79: 103-112.
18. **Liu H**[^], Detels R, Li X, Stanton B, Hu Z, Yong M. Risk of HIV transmission within marriage in rural China: Implications for HIV prevention at the family level. *Sexually Transmitted Diseases* 2005;32:418-424.
19. Yang H#, Li X, Stanton B, Liu H, **Liu H**, Wang N. Heterosexual transmission of HIV in China. *Sexually Transmitted Diseases* 2005;32:270-280.
20. **Liu H**[^], Li X, Stanton B, Fang X, Mao R, Chen X, and Yang H. Relation of sexual risks and prevention practices with individuals' stigmatising beliefs towards HIV infected individuals: an exploratory study. *Sexually Transmitted Infections* 2005;81:511-516.

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21. Hu Z, **Liu H**^{*}, Li X, Stanton B, Chen X. HIV related sexual behavior among migrants and non-migrants in a rural area of China: Role of rural-to-urban migration. *Public Health*, 2006; 120:339-345.
22. **Liu H**[^], Hu Z, Li X, Stanton B, Yang H#, Naar-King S. Understanding Interrelationships Among HIV-Related Stigma, Concern About HIV Infection, and Intent to Disclose HIV

Serostatus: A Pretest–Posttest Study in a Rural Area of Eastern China. *AIDS Patient Care and STDs* 2006;20:133-142.

23. Chen X, Stanton B, Fang X, Li X, Lin D#, Zhang J, **Liu H**, Yang H#. Perceived smoking norms, environmental factors, attitudes and adolescent smoking in China: a mediation analysis with longitudinal data, *Journal of Adolescent Health* 2006;38:359-368.
24. **Liu H**^, Grusky O, Li XJ, Ma E. Drug users: a potentially important bridge population in the transmission of sexually transmitted diseases including AIDS in China. *Sexually Transmitted Diseases* 2006;33:111-117.
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26. Grusky O, **Liu H**, Li XJ, Swanson A, Duan N, Zhu Y, Ma E, and Lu Y. Is voluntary counseling and testing of drug users in China feasible? *International Journal of STD & AIDS*, 2006; 17(5), 354-355.
27. **Liu H**^, Grusky O, Zhu Y, Li XJ. Do drug users in China who frequently receive drug abuse treatment change their risky drug use practices and sexual behavior? *Drug and Alcohol Dependence* 2006;82:114-121.

2007

28. Naar-King S, Green M, Wright K, Outlaw A, Wang W, **Liu H**. Ancillary Services & Retention of Youth in HIV Care. *AIDS Care*, 2007,19:248-51.
29. **Liu H**^, Yu S#, Cottrell L, Lunn S, Deveaux L, Brathwaite NV, Marshall S, Li X, Stanton B. Personal values and involvement in problem behaviors among Bahamian early adolescents: a cross-sectional study. *BMC Public Health* 2007, 7:135 1-9.
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34. Li J, Zhang R, **Liu H***. A preliminary study of methamphetamine use in Yunnan, China. *AIDS Patient Care and STDs* 2008;22:1-2.

2009

35. **Liu H**^, Feng T, Rhodes AG#, Liu H. Assessment of the Chinese version of HIV- and homosexuality-related stigma scales. *Sexually Transmitted Infections* 2009;85:65-9.
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40. **Liu H**[^], Li J#, Lu Z, Liu W, Zhang Z. Does Chinese culture influence psychosocial factors for heroin use among young adolescents in China? A cross-sectional study. *BMC Public Health*. 2010 ;10:563.

2011

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43. Li J#, **Liu H**^{*}, Li J, Luo J#, Koram N#, Detels R. Sexual transmissibility of HIV among opiates users with concurrent sexual partnerships: An egocentric network study in Yunnan, China. *Addiction*, 2011;106:1780-7.
44. Li J#, **Liu H**^{*}, Li J, Luo J#, Jarlais DD, Koram N#. Role of sexual transmission of HIV among young non-injection and injection opiate users: A respondent driven sampling study, *Sexually Transmitted Diseases*, 2011;38:1161-66.
45. Li J#, **Liu H**, Liu H, Feng T, Cai Y#. Psychometric assessment of HIV/STI sexual risk scale among MSM: a Rasch model approach. *MBC Public Health*, 2011;11:763.

2012

46. Ha T#, **Liu H**^{*}, Li J#, Nield J#, Lu Z. Psychometric assessment of scales measuring HIV public stigma, drug-use public stigma and fear of HIV infection among young adolescents and their parents, *AIDS Care*, 2012;24:39-45.
47. **Liu H**[^], Lin X, Xu Y#, Chen S#, Shi J, Morisky D. Emerging HIV Epidemic among Older Adults in Nanning, China, *AIDS Patient Care and STDs*, 2012;26:565-567.
48. **Liu H**[^], Li J, Ha T#, Li J#. Assessment of Random Recruitment Assumption in Respondent-Driven Sampling in Egocentric Network Data. *Social Networking*. 2012;1(2):13-21.

2013

49. **Liu H**, Xu Y#, Lin X, Shi J, Chen S#. Associations between perceived HIV stigma and quality of life at the dyadic level: The actor-partner interdependence model, *PLoS ONE*. 2013;8(2): e55680. doi:10.1371/journal.pone.0055680.
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52. Riley P#, **Liu H**, Wilson JD. Physician knowledge of nuclear medicine radiation exposure. *Radiologic Technology*. 2013; 85(2): 137-154.

53. **Liu H**[^], Kennedy M, Liu H, Hong F, Ha T[#], Ning Z[#]. Mediation effect of perceived behavioral control on intended condom use: Applicability of the theory of planned behavior to money boys in China, *Sexual Health* 2013;10(6):487-494.

2014

54. Hao C[#], **Liu H**^{*}, Sherman S, Jian B, Li XQ, Xu Y, Jaing Z, Zang C. Typology of older female sex workers and sexual risks for HIV infection in China: a qualitative study. *Culture, Health & Sexuality*. 2014;16(1):47-60.

55. **Liu H**[^], Xu Y, Sun Y, Dumenci L. Measuring HIV Stigma at the Family Level: Psychometric Assessment of the Chinese Courtesy Stigma Scales (CCSSs). *PLoS ONE*,2014 9(3): e92855. doi:10.1371/journal.pone.0092855.

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57. **Liu H**[^], He X[#], Levy JA, Xu Y, Zang C[#], Lin X. Psychological impacts among older and younger people living with HIV/AIDS in Nanning, China. *Journal of Aging Research*, 2014; 2014, Article ID 576592, 6 pages <http://dx.doi.org/10.1155/2014/576592>.

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58. Hao C[#], **Liu H**^{*}. Actor and partner effects of perceived HIV stigma on social network components among people living with HIV/AIDS and their caregivers. *Global Health Promotion*, 2015;22(2):40-52.

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60. Hao C[#], Guida J[#], Morisky D, **Liu H**^{*}. Family network, workplace network, and their influence on condom use: A qualitative study among older female sex workers in China. *Journal of Sex Research*, 2015;52(8):924-35.

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2016

63. Guida J[#], Hu L[#], and **Liu H**^{*}. The Impact of Occupational Stigma on the Social Networks of Older Female Sex Workers: Results from a Three-Site Egocentric Network Study in China. *AIDS Patient Care and STDs*, 2016;30(1):1-3.

64. Zhang H, Teng T, Lu H, Zhao Y, **Liu H**, Yin L, Sun Z, He X, Qian H, Ruan Y, Shao Y, Vermund S. Poppers Use and Risky Sexual Behaviors among Men Who Have Sex with Men in Beijing, China. *Drug and Alcohol Dependence*, 2016;160:42-48.

65. **Liu H**, Morisky D, Lin X, Ma E, Jiang B, Yin Y. Bias in Self-Reported Condom Use: Association Between Over-Reported Condom Use and Syphilis in a Three-Site Study in China. *AIDS and Behavior*, 2016 ;20(6):1343-5.

66. Rodriguez-Hart C[#], **Liu H**^{*}, Nowak RG, Orazulike I, Zorowitz S, Crowell TA, Baral SD, Blattner W, Charurat M. Serosorting and Sexual Risk for HIV Infection at the Ego-Alter Dyadic Level: An Egocentric Sexual Network Study Among MSM in Nigeria. *AIDS and Behavior*. 2016;20(11):2762-2771.

67. **Liu H.** Egocentric Network and Condom Use among Mid-Age Female Sex Workers in China: A Multilevel Modeling Analysis. *AIDS Patient Care and STD* 2016;30(4):155-165
68. **Liu H,** Dumenci, Morisky, Xu Y, Li X, and Jiang B. Syphilis among mid-age female sex workers in China: a three-site cross-sectional study. *BMJ Open*, 2016.
69. Liu Y, Wang J, Qian HZ, **Liu H,** Yin L, Lu H, Zhang C, Ruan Y, Shao Y, Vermund SH. 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*.2016;20(10):2222-2230..
70. Liu Y, Ruan Y, Strauss SM, Yin L, **Liu H,** Amico KR, Zhang C, Shao Y, Qian HZ, Vermund SH. Alcohol misuse, risky sexual behaviors, and HIV or syphilis infections among Chinese men who have sex with men. *Drug and Alcohol Dependence*, 2016;168:239-246.
71. Liu Y, Li D, Vermund SH, Zhang C, Ruan Y, Yin L, **Liu H,** Amico KR, Shao Y, Qian HZ. 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. *AIDS Care*, 2016;28(11):1461-1466.

2017

72. Stahlman S#, Nowak RG, Liu H*, Crowell TA, Ketende S, Blattner WA, Charurat ME, Baral SD. Online Sex-Seeking Among Men who have Sex with Men in Nigeria: Implications for Online Intervention. *AIDS and Behavior*,2017; 21 (11), 3068-3077
73. Guida J#, Fukunaga A#, **Liu H**^. Biomarker validation of self-reported sex among middle-aged female sex workers in China. *Annals of Epidemiology*, 2017;27(3):181-186.
74. Liu Y, Qian HZ, Amico KR, **Liu H,** Yin L, Ruan Y, Shao Y, Zhang C, Vermund SH. 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 Behavior*, 2017;21(10):2913-2923
75. Nowak RG, Bentzen SM, Ravel J, Crowell TA, Dauda W, Ma B, **Liu H,** Blattner WA, Baral SD, Charurat ME, TRUSTRV368 Study Group. Rectal microbiota among HIV-uninfected, untreated HIV, and treated HIV-infected men who have sex with men (MSM) in Nigeria. *AIDS*, 2017;31(6):857-862.
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77. Ramadhani HO, **Liu H,** Nowak RG, Crowell TA, Ndomb T, Gaydos C, Peel D, Ndombi N, Baral SD, Ake J, Charurat M. Sexual partner characteristics and incident rectal *Neisseria gonorrhoeae* and *Chlamydia trachomatis* infections among gay men and other men who have sex with men (MSM): a prospective cohort in Abuja and Lagos, Nigeria. 2017; *Sexually Transmitted Infections* 93 (5), 348-355.
78. Rodriguez-Hart C, Nowak RG, Musci R, German D, Orazulike I, Kayode B, **Liu H,** Gureje O, Crowell TA, Baral S, Charurat M. Pathways from sexual stigma to incident HIV and sexually transmitted infections among Nigerian MSM.2017;31(17), 2415-2420.
79. **Liu H.** Can Burt's Theory of Structural Holes be Applied to Study Social Support Among Mid-Age Female Sex Workers? A Multi-Site Egocentric Network Study in China. *AIDS and Behavior*,2017;21(12):3567-3577

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80. Liu Y, Vermund SH, Ruan Y, **Liu H**, Zhang C, Yin L, Shao Y, Qian HZ. 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* 2018;30(1):86-94.
81. Liu Y, Vermund SH, Ruan Y, **Liu H**, Amico KR, Simoni JM, Shepherd BE, Shao Y, Qian HZ. Peer counselling versus standard-of-care on reducing high-risk behaviours among newly diagnosed HIV-positive men who have sex with men in Beijing, China: a randomized intervention study. *Journal of the International AIDS Society*, 2018;21(2): e25079
82. Rodriguez-Hart C, Musci R, Nowak RG, German D, Orazulike I, Ononaku U, **Liu H**, Crowell TA, Baral S, Charurat M, TRUST/RV368 Study Group. Sexual Stigma Patterns Among Nigerian Men Who Have Sex with Men and Their Link to HIV and Sexually Transmitted Infection Prevalence. *AIDS and Behavior*,2018;22(5):1662-1670.
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84. Ramadhani HO, Ndembi N, Nowak RG, Ononaku U, Gwamna J, Orazulike I, Adebajo S, Crowell TA, **Liu H**, Baral S, Ake J, Charurat M. Individual and Network Factors Associated with HIV Care Continuum Outcomes Among Nigerian MSM Accessing HealthCare Services. *Journal of acquired immune deficiency syndromes*,2018;79 (1):e7
85. Rodriguez-Hart C, Bradley C, German D, Musci R, Orazulike I, Baral S, **Liu H**, Crowell TA, Charurat M, Nowak RG, TRUST/RV368 Study Group. The Synergistic Impact of Sexual Stigma and Psychosocial Well-Being on HIV Testing: A Mixed-Methods Study Among Nigerian Men who have Sex with Men. *AIDS and Behavior*,2018;22(12): 3905-3915.

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86. Nowak RG, Bentzen SM, Ravel J, Crowell TA, Dauda W, Ma B, **Liu H**, Blattner WA, Baral S, Charurat M, TRUST/RV368 Study Group. Anal Microbial Patterns and Oncogenic Human Papillomavirus in a Pilot Study of Nigerian Men Who Have Sex with Men at Risk for or Living with HIV. *AIDS research and human retroviruses*,2019;35(3):267-275.
87. Guida J, Hu L, **Liu H**. Sexual Behavior With Noncommercial Partners: A Concurrent Partnership Study Among Middle-Aged Female Sex Workers in China, *The Journal of Sex Research*.2019;56(4-5):670-680.
88. Nowak RG, Mitchell A, Crowell TA, **Liu H**, Ketende S, Ramadhani HO, Ndembi N, Adebajo S, Ake J, Michael NL, Blattner WB, Baral SD, Charurat ME. Individual and sexual network predictors of HIV incidence among men who have sex with men in Nigeria. *Journal of acquired immune deficiency syndromes*.2019;80(4):444.
89. Knudson A, Shaw S, Yin L, Xiao D, Qian HZ, Sullivan S, **Liu H**, Ruan Y, Shao Y, Vermund SH, Amico KR. Exploration of Implementation Patterns and Content from a Text-Based Outreach Intervention Clinical Trial for Newly Diagnosed, HIV-Positive MSM in Beijing, China. *AIDS and Behavior*,2019;23(5):1158-1165.

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90. Li Y, **Liu H**, Ramadhani HO, Ndembi N, Crowell TA, Kijak G, Robb ML, Ake JA, Kokogho A, Nowak RG, Gaydos C, Baral SD, Volz E, Tovanabutra S, Charurat M, TRUST/RV368 Study Group. Genetic Clustering Analysis for HIV Infection among Men Who Have Sex with Men in Nigeria: implications for intervention. *AIDS*,2019;34(2):227-236

91. Guida JL, Holt CL, Dallal CM, He X, Gold R, **Liu H**. Social Relationships and Functional Impairment in Aging Cancer Survivors: A Longitudinal Social Network Study. *The Gerontologist*,2019;60(4)607-616.
92. Jones MU, Ramadhani HO, Adebajo S, Gaydos CA, Kokogho A, Baral SD, Nowak RG, Ake JA, **Liu H**, Charurat M, Robb ML, Crowell TA. Seizing opportunities for intervention: Changing HIV-related knowledge among men who have sex with men and transgender women attending trusted community centers in Nigeria. *PloS One*. 2020;15(3):e0229533
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94. Tsou JH, **Liu H**, Stass SA, Jiang F. Rapid and Sensitive Detection of SARS-CoV-2 Using Clustered Regularly Interspaced Short Palindromic Repeats. *Biomedicines*,2021;9(3)239-250.
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Articles in Refereed Chinese Journals

101. Ma E, Li XJ, Xu, Y, **Liu H**, Detels R. Factors associated with delay in seeking medical care and partner notification among male STD patients. *Chinese Journal of AIDS/STD* 2004;10:48-52.
102. **Liu H**, Ma Z, Yu W, Xie J, Detels R. Acceptability of voluntary HIV testing and result disclosure among rural residents of China. *Journal of Chinese Preventive Medicine* 2001; 35:30-32.
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109. **Liu H**. Guide for clinicians on the eradication on poliomyelitis. *Chinese Primary Health care* 1995 (Suppl);119:327-329.
110. **Liu H**. HACCP -- An effective method to enforce the management of the cold chain for vaccine transportation and storage. *Chinese Primary Health Care* 1994;87:35-36.
111. Dai Z, **Liu H**, Shen Y, Yu W. Evaluation of the effectiveness of health education on Polio immunization. *Chinese Primary Health Care* 1994
112. **Liu H**. Introduction to computer software for epidemiological analysis. *Anhui Journal of Preventive Medicine* 1994.
113. Shen J, **Liu H**. Factors associated with cost of medical services in rural areas. *Chinese Hospital Management* 1994.
114. **Liu H**, Dao D. Analysis on pathogenic bacterium isolated from 1203 acute diarrhea patients. *Anhui Journal of Medicine* 1992.
115. Xu M, **Liu H**. Epidemiological surveillance on Cryptosporidiosis in four counties and cities of Anhui province. *Chinese Journal of Epidemiology* 1992.
116. **Liu H**, Xie Z, Zheng X. Study on recurrence of Cholera epidemic. *Chinese Journal of Epidemiology* 1988.
117. **Liu H**, Dao D, Guo Z. Study on bacterial etiology of acute diarrhea. *Chinese Journal of Epidemiology* 1987.
118. **Liu H**. Application of cost-benefit analysis on diarrhea diseases control. *Anhui Journal of Preventive Medicine* 1987.
119. Xue M, **Liu H**, Deng Y. Epidemiological surveillance on *Yersinia Enterocolitica* in Anhui. *Chinese Journal of Epidemiology* 1987.

II.B. Keynotes

- 04/07/2008 The HIV/AIDS Epidemic in China: Challenges and Opportunities, **Keynote Speaker** at HIV Research Conference: The Next Generation 2008, Organized by UCLA Center for Identification, Prevention and Treatment Services (CHPTS) and UCLA AIDS Institute

II.C. Invited Talks

Local

- 04/29/2016 How to sample hard-to-reach population. Maryland Population Research Center.
- 11/04/2013 Application of respondent-driven sampling (RDS) in hidden populations: Assessment of the random selection assumption Joint Program in Survey Methodology / University of Maryland College Park

- 05/06/2013 Application of Respondent-Driven Sampling in Hard-to-Reach Population
Maryland Population Research Center / University of Maryland, College
- 03/03/2009 Application of respondent-driven sampling among MSM in China, Humphrey
Training Program / Virginia Commonwealth University
- 09/02/2008 Application of respondent-driven sampling among hidden populations,
Virginia Department of Health

Regional

- 04/13/2016 The evolving HIV/AIDS epidemic in China: progress and challenge, Pomona
College, CA.
- 02/05/2016 Multilevel analysis of egocentric network data, Seminar, University of Florida
College of Public Health.
- 02/25/2011 Application of respondent-driven sampling in hidden populations in China,
Grand Rounds, Institute for Global Health, Vanderbilt University School of
Medicine
- 06/14/2007 HIV risk, prevention, and stigma among migrants in China, Grand Rounds,
HIV Center for Clinical and Behavioral Studies, Columbia University

International

- 01/07/2015 How to select a most suitable journal: Scientific and practical considerations.
Anhui Medical University, Anhui, China
- 06/27/2014 How to select a most suitable journal: Scientific and practical considerations.
Anhui Provincial Center for Disease Control and Prevention, Hefei, China
- 08/06/2013 Using social networks to promote early HIV testing in the cascade of HIV
treatment. Invited lecture at the HIV prevention and intervention workshop
organized by University of Illinois, Chicago and China National Center for
AIDS Control and Prevention, Hohhot, China
- 05/20/2011 How to write a compelling abstract for a conference -- A reviewer's
perspective. Invited oral presentation at Anhui Medical University, Hefei,
China
- 07/19/2010 Use of RDS to recruit hidden populations in China: Assessment of
assumptions, Invited speaker at the special session: RDS: Method and
applications, XVIII International AIDS Conference (AIDS 2010), Vienna,
Austria
- 03/06/2010 Social network, Chinese culture, and HIV risks among Chinese MSM, Nanning
Center for Disease Control and Prevention, Nanning, China
- 11/23/2009 Development of the Chinese version of HIV and homosexuality related stigma
measurement scales, Technical meeting to consolidate HIV stigma measures
and measurement tools, Organized by The Joint United Nations Programme on
HIV/AIDS (UNAIDS) and International Center for Research on Women,
- 03/14/2009 Mediation effects of network function on HIV risk behavior among Chinese
MSM, Invited speaker at amfAR Strategy and Synthesis Meeting, Boston,
Foundation for AIDS Research (amfAR)
- 03/12/2009 Application of RDS in recruitment of MSM, Shandong University School of
Public Health, Jinan, China

II.D. Refereed Presentations

International conference presentations (9 oral presentations):

1. **Liu H**, Hu L. Multilevel Analysis of Sexual Network and Condom Use among Older Female Sex Workers in China. **Oral** presentation at Sunbelt XXXV Conference, June 23-28, 2015, Brighton, UK
2. **Liu H**, Morisky D, Lin X, Ma E, Jiang B, Yin. Can We Trust Self-Reported Condom Use? Association Between Reporting Bias and STIs. Poster presentation at 2015 Conference on Retroviruses and Opportunistic Infections (CROI), February 23-26, 2015, Seattle Washington.
3. Rodriguez-Harta C, **Liu H**, Nowak R, Orazulike I, Sarowitz S, Adebajo S, Hughes L, Baral S, Robb M, Blattner W, Charurat M. The Use of Seroadaptive Strategies of Sexual Positioning and Serosorting by MSM in Nigeria. **Oral-Poster** presentation at 2015 Conference on Retroviruses and Opportunistic Infections (CROI), February 23-26, 2015, Seattle Washington.
4. **Liu H**, He X. Aging with HIV: psychological impacts among older and young people living with HIV/AIDS in China. **Oral** Presentation at 11th International Congress on AIDS in Asia and the Pacific (ICAAP 11) Bangkok, Thailand, November 18 -22, 2013
5. Zang C, **Liu H**, He X. Selective disclosure of HIV status to alters in egocentric social networks: a GEE model analysis. Poster Presentation at 11th International Congress on AIDS in Asia and the Pacific (ICAAP 11) Bangkok, Thailand, November 18 -22, 2013
6. Hao C, **Liu H**, Sherman S. Typology of older female sex workers and sexual risks for HIV infection: a qualitative study. Poster Presentation at 11th International Congress on AIDS in Asia and the Pacific (ICAAP 11) Bangkok, Thailand, November 18 -22, 2013
7. **Liu H**, Social network studies among populations at risk for HIV infection in China. **Oral** presentation at International Network for Social Network Analysis Conference. July 12-15, 2013, Xi'an, China
8. **Liu H**, Koram N. *Do parental stigmatizing attitudes towards drug use and HIV infection influence those of their children: a cross-sectional study in Guangxi, China.* Poster Presentation at the at the XIX International AIDS Conference, Washington, D.C. July 22-27, 2012.
9. **Liu H**, Xu Y, Lin X. *Dyadic effect of HIV stigma on the quality of life of persons living with HIV and their family caregivers: application of actor-partner interdependence model.* Poster Presentation at the at the XIX International AIDS Conference, Washington, D.C. July 22-27, 2012.
10. Nield, J, Dumenci L, **Liu H**. Measuring Courtesy Stigma among HIV negative family members of PLWHA: Psychometric assessment of the HIV Courtesy Stigma scale. Poster Presentation at the XIX International AIDS Conference, Washington, D.C. July 22-27, 2012.
11. **Liu H**, Li J, Li J. *Roles of mixing of drug-use network and sexual network on heterosexual transmission of HIV among young drug users: an egocentric network study in Yunnan, China.* Poster presentation at the 15th International Congress on Infectious Diseases, Bangkok, Thailand, June 13-16, 2012.
12. **Liu H**, Ha T, Liu H, Cai Y, Feng T., *Chinese culture, HIV- and homosexuality-related stigma, social support, and safer sex: A path analytic model.* Poster presentation at the XVIII International AIDS Conference, Vienna Austria, July 18-23, 2010.

13. **Liu H**, Liu H, Cai F, Hong F. *Elevated risk for HIV infection among money boys: a hidden group of MSM in China*, CD presentation at the XVII International AIDS Conference, México City, México, August 3-8, 2008.
14. **Liu H**, Lu Z, Zhang Z. *Voice from intervention deliverers and receivers: developing a culturally accepted and theory-driven drug intervention in the school system in China*, CD presentation at the XVII International AIDS Conference, México City, México, August 3-8, 2008.
15. **Liu H**, Hu Z, Li X, Stanton B. *The potential role of rural-to-urban migration in HIV transmission in China*. Poster presentation at the XVI International AIDS Conference, Toronto, Canada, August 13-18, 2006.
16. **Liu H**, Li X, Stanton B, Fang X, Lin D, Mao R, Wang J, Chen X, Yang H. *The relationship of HIV-related stigma with HIV risk behaviors and preventive practices among Chinese rural-to-urban migrants*. Poster presentation at the XV International AIDS Conference, Bangkok, Thailand, July 11-16, 2004.
17. **Liu H**, Jamison D, Li XJ, Ma E, Yin Y, Detels R. *Evaluation of the cost-effectiveness of syndromic management*. **Oral** presentation at the Sino-US Conference on Research and Training in AIDS-Related Areas, Beijing, China, Nov. 1-3. 2002
18. **Liu H**, Li XJ, Detels R. *Does the Current Approach Correctly Manage STD Patients? What is the alternative?* **Oral** presentation at the 12th International Union Against Sexually Transmitted Infections: Asia-Pacific Congress, Beijing, China, Oct. 24-27, 2002.
19. **Liu H**, Jamison D, Li XJ, Ma E, Yin Y, Detels R. *Is syndromic management better than the current approach for treatment of STDs in China? Evaluation of the cost-effectiveness of syndromic management*. **Oral** presentation at the Economics of HIV/AIDS in Developing Countries Pre-Conference Symposium of XIV International AIDS Conference, Barcelona, Spain, July 6-7, 2002.
20. **Liu H**, Li XJ, and Ma E. *Stigma, Delayed Treatment, and Spousal Notification among Male STD Patients in China* Finalist for the research medal, **Oral** presentation at the Third Annual Global Development Conference, Rio de Janeiro, Brazil, Dec. 9-12, 2001.
21. **Liu H**, Ma Z, Yu W, Xie J, Detels R. *Acceptability of Voluntary HIV testing and result disclosure among rural residents of China*. Poster Presentation at the XIII International AIDS Conference 9-14 July, 2000, Durban, South African.
22. **Liu H**, Detels R. *An Approach to Improve Validity of Responses in a Sexual Behavior Study in a Rural Area of China*. **Oral** Presentation at the International Conference on Survey Nonresponse, Portland, Oregon, October 28-31, 1999.

National conference presentations (8 oral or roundtable presentations):

1. **Liu H**, Xu Y, Lin Q. Ageism, resilience, coping, family support, and quality of life among older people living with HIV/AIDS in Nanning, China. Poster Presentation at 2016 Epidemiology Congress of the Americas, Miami, Florida. June 21-24, 2016
2. Li J, Li J, Luo J, Jarlais DD, Koram N, Li P, **Liu H**, Role of sexual transmission of HIV among young non-injection and injection opiate users: A respondent driven sampling study. **Oral** presentation at the 139th American Public Health Association (APHA) Annual Meeting, DC. November 6-10, 2011

3. Li J, Li J, Luo J, Koram N, Detels R, **Liu H**, Concurrent sexual partnerships among young drug users: An egocentric network study in Yunnan, China. **Oral** presentation at the 139th APHA Annual Meeting, DC. November 6-10, 2011
4. Koram N, Li J, Li J, Luo J, Nield J, **Liu H**, Role of social networks in the transition to injection drug use: Actions speak louder than words. **Roundtable** presentation at the 139th APHA Annual Meeting, DC. November 6-10, 2011
5. Li J, Liu H, **Liu H**, Psychometric assessment of HIV sexual risk scale among MSM: A Rasch model approach. Poster presentation at the 139th American Public Health Association Annual Meeting, DC. November 6-10, 2011
6. Do E, **Liu H**, Asthma risk in children of minority mothers who smoked during pregnancy: Did quit time matter? Poster presentation at the 139th American Public Health Association Annual Meeting, DC. November 6-10, 2011
7. Rhodes AG, Taxman FS, **Liu H**, “Longitudinal Changes in the Social Networks of Drug Using Probationers”, Poster presented at the College on the Problems of Drug Dependence Annual Meeting in Jupiter, FL, June 18-23, 2011.
8. **Liu H**, Liu H, Kennedy M, and Ha T., HIV risks among money boys in China: Applicability of theory of planned behavior in intended condom use. **Oral** Presentation at the 138th American Public Health Association Annual Meeting, Denver, CO. November 6-10, 2010.
9. Ha T, **Liu H**, and Lu Z., Suicidal ideation, depression, delinquency, and self-esteem among Chinese young rural adolescents: A path analytic model. **Oral** Presentation at the 138th American Public Health Association Annual Meeting, Denver, CO. November 6-10, 2010.
10. Li J, **Liu H**, Lu Z, Nield J. Impact of individualism-collectivism on adolescent delinquency. Poster Presentation at the 138th American Public Health Association Annual Meeting, Denver, CO. November 6-10, 2010.
11. **Liu H**, Li J, Lu Z, Zhang Z., Impact of individualism-collectivism on family and psychological factors for drug use. **Oral** Presentation at the 137th American Public Health Association Annual Meeting, Philadelphia, PA. November 6-10, 2009.
12. **Liu H**, Feng T, Liu H, Feng H, Cai Y, Rhodes A, Grusky O. Egocentric networks of men who have sex with men: network components, condom use norms and safer sex, Poster presentation at the 42nd Society for Epidemiologic Research Annual Meeting, Anaheim, CA , June 23-26, 2009
13. Harkins S, **Liu H**, Vance L, Fei D. Blood Lead Levels Are Related to Mortality in Persons Under But Not Over 70 Years of Age: Findings from NHANES III, Poster Presentation at GSA’s 61st Annual Scientific Meeting, National Harbor, MD. Nov. 21-25, 2008
14. **Liu H**, Li X, Stanton B, Fang X, Mao R, Chen X, and Yang H. *Relationship of sexual risks and prevention practices with individuals’ stigmatizing beliefs towards HIV-infected individuals: A propensity score analysis.* **Oral** presentation at the annual conference of Society for Epidemiologic Research, June 27-30, 2005, Toronto, Canada.
15. **Liu H**, Li X, Stanton B, Liu H, Fang X, Lin D. *Risk factors for Sexually Transmitted Disease among rural-to-urban migrants in China: Implications for HIV/STD prevention among the vulnerable population.* **Oral** presentation at the 132nd American Public Health Association Annual Meeting, Washington, DC. November 6-10, 2004.
16. **Liu H**, Wong TW, Yu TS. *Simple deterministic compartmental approach to model the dynamics and control of Severe Acute Respiratory Syndrome (SARS) in Hong Kong.*

Poster presentation at the 132nd Annual Meeting, Washington, DC. November 6-10, 2004.

17. **Liu H.** *Physicians' Attitude Towards STD Syndromic Approach* Poster presentation at the 2000 APHA Annual Meeting in Boston, Massachusetts, November 12-16, 2000.

Local conference presentations

1. Helou M, **Liu H.** Can obesity alone lead to increased leukocyte counts in otherwise healthy children? Poster Presented at the 2011 Virginia Public Health Association Annual Meeting, Richmond, VA, April 29, 2011 (**Recipient of Student Poster Award – 2nd place**)

II.E. Sponsored Research

Active research grants

- 08/20-07/22 Role: Co-PI NSF 2034755
Title: EAGER: Protecting University Communities from COVID-19 with Model-based Risk Management
Effort: 15%
- 08/20-07/21 Role: Co-PI **Mpower Grant**
Title: A rapid point of care testing for SARS-CoV-2
Effort: 15%
- 09/21-05/22 Role: Co-PI **Mpower Grant**
Title: Impact of Covid-19 on cardiovascular function among student athletes
Effort: 30%

Completed research grants

- 07/15-06/20 Role: **Co-I** (PI: Charurat)
Title: Building TRUST
Grant Source: NIAID/NIH Grant Number: **R01** AI120913-01
Effort: 10%
- 12/16-11/18 Role: Co-I (PI: Milton) DARPA-16-42-Prom-FP-015
Title: Contagious Phenotypes of Acute Respiratory Infection: Identification, Characterization, and Biomarkers
Source: Defense Advanced Research Projects Agency
Effort: 5%
- 01/16-12/18 Role: Co-I
Title: Dyadic-based social network study of sexual risks for HIV infection among MSM and their partners (PI: Chun Hao, used to be Dr. Liu's post-doc

- trainee).
- Grant source: China National Natural Science Foundation Young Scholar
Project Grant: H2609
- 12/16-12/11 Role: Co-I (PI: Holt)
Title: Integration of Cancer Health Activates into African American Churches
Effort: 7%
- 09/11-07/16 Role: **Principal Investigator**
Title: Social network and sexual risk for HIV/STIs among older female sex workers
Grant source: NICHD/NIH Grant number: R01 HD068305-01
Effort: 50% for 4 years
- 04/11-03/16 Role: **Co-investigator** (PI: Sten Vermunt)
Title: Multi-component Intervention Packages for Chinese MSM
Grant source: NIAID/NIH Grant number: R01 AI094562-01
Effort: 15% in first year and 10% for other 3 years,
- 07/14 -06/15 Role: **Co-investigator** (PI: Plattner and Charurat at UMB)
Title: Network-Based Recruitment of MSM into HCT, Care, Treatment and Prevention Services at Trusted Community-based Venues (TRUST)
Grant Source: NIMH/NIH Grant Number: R01 MH099001-02
Effort: 6%
- 07/12-06/15 Role: **Consultant** (PI: Michael J. Mason, Ph.D.)
Title: Reducing Teen Tobacco Use Via Text Messaging: Motivational Interviewing Integrated with Social Network Counseling
Grant source: Virginia Foundation for Healthy Youth
Grant number: 852R007
Effort: 5% for 3 years
(I was Co-I in this project when this project was awarded. When I left VCU, the PI changed my role to consultant for saving indirect cost)
- 04/13-03/16 F31 Lohman (PI)
Frailty and Depression: A Latent Trait Analysis
NIH/NIA; April 1, 2013 through March 31, 2016
Role: Co-Mentor (FTE = 0%)
- 04/08 - 03/11 Role: **Principal Investigator**
Title: Mediation Effect of Network Function on Transition to Injection Drug Use
Grant source: NIDA/NIH Grant number: **R21** DA023893-01A1
Effort: 25%
- 03/09- 09/10 Role: **Principal Investigator**

- Title: A pilot study of a text messaging-enhanced POL HIV intervention program
 Grant source: Foundation for AIDS Research (amfAR)
 Grant number: 107497-45-RGBR
 Effort:25%
- 10/06 -03/09 Role: **Principal Investigator**
 Title: A pilot study of school-based HIV intervention in China
 Grant source: NIH/NIDA Grant number: **R03** DA019397-01
 Effort: 15%
- 07/07-02/09 Role: **Principal Investigator**
 Title: Mediation effect of network function on HIV risk behavior among MSM
 Grant source: American Foundation for AIDS Research (amfAR),
 Grant Number: 106780-41-RGAT Effort: 15%
- 01/08 - 12/08 National Heterosexual Behavioral Surveillance, Virginia, CDC, (PI: Judith B Bradford), Role: **Co-investigator**; Effort: 10%; Total cost: \$110,662
- 10/05-07/07 Bereavement and psychosocial needs of AIDS orphans: A longitudinal assessment. NIH/NICHD, 1R01MH076488-01, **Co-Investigator**, Effort: 5%,
- 07/05-06/07 Adapting multisystemic therapy to improve food choices and health outcomes in obese African American youth, American Diabetes Association, **Statistician**
- 02/05-07/07 Collaborative pediatric critical care research network. NIH/NICHD, 1U10 HD050096-01, **Statistician**
- 01/06-07/07 Evaluation of Mentoring Program for Children Affected by HIV/AIDS, Children's Research Center of Michigan, HIC-033906B3F, **Statistician**, Effort: 3%
- 09/04-04/07 Health Resources and Services Administration. Motivation-Based Outreach to Young MSMs of Color, Horizons Project, **Statistician**, 5%
- 09/03-09/06 Health Resources and Services Administration. Horizons Project. **Statistician**, 3%
- 09/03-08/04 HIV/STD prevention among high risk women in China. NIH/OAR, 1R01MH64878-03S, **Consultant**
- 10/03-03/04 Pilot Study of HIV Counseling to Increase Willingness to Receive Premarital HIV Testing among Marriage License Applicants in a Rural Area of China,

International Society for Infectious Diseases (ISID), **Principal Investigator**,
Effort: 15%

09/03-02/04 Voluntary Counseling and Testing (VCT) and HIV Risk Behavior Reduction
in two Chinese Detoxification Centers: A Feasibility Study, UCLA
International AIDS, A128697

04/99 -01/01 Study of STD Patients' Health-seeking Behavior and the Cost-effectiveness
of the Syndromic Approach for Management of Male STD Patients with
Urethral Discharge and Genital Ulcer in China" Dissertation Grant,
UCLA/Fogarty AIDS International Training and Research Program, **PI**
(Mentor: Dr. Roger Detels)

04/97 -10/97 Study of Sexual Behavior among Rural Residents of China, Thesis Grant,
UCLA/Fogarty AIDS International Training and Research Program, **PI**
(Mentor: Dr. Roger Detels)

II.F. Contracts

10/12-09/13 Role: **Co-Investigator** (PI: Mei-Ling Lee)
Title: Technical Assistance on Implementation of Patient Protection ACA
and the Opt Out HIV Screening
Funding source: District of Columbia Department of Health
Effort: 10% (after awarded, it was changed to 2%) Total cost: \$249,999

05/11-08/11 Role: Statistician (sub-contract with Virginia Department of Health)
Title: Medical Monitoring Project Grant
Grant source: CDC Effort for 4 months: 54.6%
VCU sub-contract cost: \$25,344

III. Teaching, Mentoring and Advising.

III.A. Courses Taught

Course Number	Course Name	Semester	Credit unit	# students	% of Course Taught
EPIB 740	Advanced Methods in Epidemiology	Spring 2021	3	10 doctoral students	100
EPIB 612	Epidemiologic Study Design	Fall 2021	3	1 doctoral students 17 MPH students	100
EPIB 612	Epidemiologic Study Design	Fall 2020	3	5 doctoral students 12 MPH students	100
EPIB 612	Epidemiologic Study Design	Fall 2019	3	5 doctoral students 14 MPH students	100

EPIB 740	Advanced Methods in Epidemiology	Spring 2019	3	9 doctoral students	100
EPIB 612	Epidemiologic Study Design	Fall 2018	3	6 doctoral students 13 MPH students	100
EPIB 740	Advanced Methods in Epidemiology	Spring 2017	3	8 doctoral students	100
EPIB 612	Epidemiologic Study Design	Fall 2017	3	3 doctoral students 14 MPH students	100
EPIB 612	Epidemiologic Study Design	Fall 2016	3	3 doctoral students 16 MPH students	100
EPIB 612	Epidemiologic Study Design	Fall 2015	3	1 doctoral student 7 MPH student	
EPIB 740	Advanced Methods in Epidemiology	Spring, 2015	3	8 Doctoral students	100
EPIB 612	Epidemiologic Study Design	Fall, 2014	3	4 doctoral students and 10 MPH students	
EPIB 612	Epidemiologic Study Design (EPI III)	Fall, 2013	3	4 MPH and 1 doctoral students	100
EPIB 612	Epidemiologic Study Design (EPI III)	Spring, 2013	3	8 MPH and 3 doctoral students	100
EPID 652	Epidemiology: Advanced Methods and Data Analysis	Spring, 2012	4	5 doctoral students and 2 post-docs	100
EPID 652	Epidemiology: Advanced Methods and Data Analysis	Fall, 2011	4	4 doctoral students	100
EPID 606	Epidemiology II: Epidemiologic Methods	Spring, 2011	4	11 master students	100
EPID 606	Epidemiology II: Epidemiologic Methods	Spring, 2010	4	10 master students	100
EPID 690	Journal Club	Spring, 2008	2	2 doctoral students	100
EPID 652	Epidemiology: Advanced Methods and Data Analysis	Fall, 2007	4	8 doctoral students	100
EPID 690	Journal Club	Fall, 2007	2	5 doctoral students	100

III.B. Advising: Research or Clinical Undergraduates

In November and December, 2014, I mentored a group of undergraduates from Departments of International Relations and Computer Science (Mackenzie Burnett, Osvaldo Bianchi, Austin Hou, and

Moses Namara) on the FIA-Deutsch Seed Grant Competition. The group tried to use test messaging to crowdsource data on the spread of Ebola. Their application was accepted as a semi-finalist.

In 2021, I set up a research group for the epidemic of COVID-19. I mentored an undergraduate student (Bryn Jiang) from the School of Public Policy.

Master's

Student Name	Department	Committee Role	Graduation Date
Danya'e Smith	Epidemiology	Primary Advisor	June 2023
Anne Mamish	Epidemiology	Primary Advisor	June 2022
Molly Lutrey	Epidemiology	Primary Advisor	June 2022
Katarzyna Borkowski	Epidemiology	Primary Advisor	June 2020
Xinyi Hua	Epidemiology	Primary Advisor	June 2019
Ami Fukunage	Epidemiology	Primary Advisor	June, 2018
Roshitha Paul	Epidemiology	Primary Advisor	June, 2018
Steven Sheridan	Epidemiology	Primary Advisor	June, 2018
Michelle Trachy	Epidemiology	Primary Advisor	June, 2018
Agnieszka Roman	Epidemiology	Primary Advisor	June, 2017
Cherica Richmond	Epidemiology	Primary Advisor	June, 2015
Joshua Levine	Epidemiology	Primary Advisor	June, 2015
Lisa Bowen	Epidemiology	Primary Advisor	June, 2015
Allison E. Huffman	Epidemiology	Primary Advisor	June, 2014
Sarah Olson	Epidemiology	Primary Advisor	June, 2014
Sheena Siddiqui	Epidemiology	Committee Member	June, 2013
Paul Riley	Epidemiology	Primary Advisor	Mar, 2012
Vivian M. Rodríguez	Psychology	Committee Member	Apr., 2011
Krishnappa Shankar	Epidemiology	Primary Advisor	Oct., 2008
Suzanne Phillips	Epidemiology	Committee member	May, 2008

Doctoral

Ph.D. Committees

Student Name	Department	Committee Role	Graduation Date
Caitlin Flouton	Epidemiology	Primary Advisor	June 2025
Yifan Yu	Epidemiology	Primary Advisor	June 2024
Jacqueline Reuben	Epidemiology	Primary Advisor	June 2023
Meleah Boyle	MIEAH	Committee Member	June 2023
Jonathan Aram	Epidemiology	Committee Member	June 2022
Weijun Yu	Epidemiology	Committee Member	June 2022
Ruruo Li	Epidemiology	Primary Advisor	June 2021
Jennifer Guida	Epidemiology	Primary Advisor	June 2018
Sue Lin	Epidemiology	Primary Advisor	June 2014
Jennifer Nield*	Epidemiology	Primary Advisor	May 2013
Anne Rhodes*	Epidemiology	Primary Advisor	May 2015
Bradley T. Kerridge	Epidemiology	Committee Member	Oct. 2012
Molly R Neff	Psychology	Committee Member	Dec. 2011
River Pugsley	Epidemiology	Committee Member	May 2012

Post-doctoral

10/2014 – 09/2015

Dr. Lena Hu, Post-Doc Fellow

She received a doctoral degree in genetic epidemiology in University of Alabama at Birmingham. She work with Dr. Liu on data analysis and writing for publications.

10/2013 – 07/2014

Dr. Fei Wu, Post-Doc Fellow

He received her doctoral degree in Social Work at UCLA. She worked with Dr. Liu on data analysis and writing for publications. Job replacement: the Research and Evaluation Unit, Chief Executive Office, County of Los Angeles.

01/2012 – 07/2014

Dr. Chunpeng Zang, Post-Doc Fellow

He received his master and doctoral degree in Epidemiology in a Chinese university. He worked on Dr. Liu's two R01 grants. Job replacement: Chief Epidemiologist, China Center for AIDS Control and Prevention, China CDC.

02/2012 – 07/2013

Dr. Chun Hao, Post-doc Fellow

She received her doctoral degree in Epidemiology in the Chinese University of Hong Kong. She worked on Dr. Liu's dyadic studies among HIV infected families.

Job replacement: promoted to associate professor in the Department of Global Health, Sun Yat-Sen University School of Public Health

07/2010 – 02/2011

Dr. Nana Koram, Post-Doc Fellow

She received her doctoral degree in International Public Health from Tulane University School of Public Health & Tropical Medicine. Under Dr. Liu's mentorship, she worked on his two NIH-supported projects and wrote manuscripts.

Job replacement: Epidemiologist at GlaxoSmithKline, Worldwide Epidemiology

03/2009 – 03/2011

Dr. Jian Li, Post-Doc Fellow

He received his doctoral degree in Epidemiology from Shandong University School of Public Health, China. He participated in Dr. Liu's grant applications and wrote for publications.

Job replacement: Chief epidemiologist at China Center for AIDS Control and Prevention, China CDC

12/2008 – 05/2010

Dr. Toan Ha, Post-Doc Fellow

He received his doctoral degree in Behavioral Health from University of Texas School of Public Health. He worked on Dr. Hongjie Liu's research projects and wrote for publications.

Job replacement: Program manager, United Nations Population Fund, Vietnam Office

III.C. Mentorship

Junior Faculty

11/2017 – Current	Dr. Rodman Emory Turpin, Research Assistant Professor I guide and help him in research and teaching.
04/2014 – 04/2016	Dr. Cher Dallal, Assistant Professor I am Dr. Dallal's formal mentor and mentor her with regards to career development, especially in teaching epidemiology.
05/2013 – 05/2015	Dr. Robin Puett, Assistant Professor I am Dr. Puett's formal mentor and have provided with her my expertise in both research and teaching.
09/2013 – 09/2015	Dr. Shuo Chen, Assistant Professor Advising him in course development, teaching skill, and grant applications (informal mentor).
09/2013 – 09/2016	Dr. Xin He, Assistant Professor Advising him in research capacity building and grant applications (informal mentor).
01/2012 – 05/2012	Dr. Derek Chapman, Assistant Professor Advising him in teaching "Epidemiology II: Epidemiologic Methods" and providing all teaching materials to him (informal mentor)
05/2012 – 08/2013	Dr. Juan Lu, Assistant Professor Advising her in creating a new course (informal mentor)

Other mentees

06/2021 -	Caitlin Flouton, Student research assistant Yifan Yu, student research assistant
10/2020-05/2021	Adel Fu, Student research assistant Bridgette Heine, Student research assistant
04/2010 – 06/2010	Ms. Jian Luo, Visiting Scholar She is a researcher at Yunnan Institute for Drug Abuse. During her scholar visit, she worked with Dr. Hongjie Liu on data analysis and a plan for a new study of cross-border female sex workers.
03/2011	Maitreyee Mohanty, Doctoral student in the Dept of Pharmacotherapy and Outcomes. Dr. Liu guided her in using SAS to do complex data analysis
06/2009	Pamela Parsons, PhD, GNP Assistant Professor, Internal Medicine, VCU School of Medicine Dr. Hongjie Liu advised her on the use of respondent-driven sampling in her grant application.
03/2008-06/2008	Dr. Yumiao Cai, Visiting Scholar As the major collaborator in one of Dr. Liu's research projects in Shenzhen, China, he worked on the study of sexual risk for HIV among men who have sex with men.

IV. Service and Outreach

IV.A. Editorships, Editorial Boards, and Reviewing Activities

Editorships

07/14 – 07/16 MBC Public Health (Associate Editor)

Editorial Boards

07/11 - Current International Journal of MCH and AIDS (Board member)

11/12 - Current Social Networking (Board member)

IV.B. Reviewing Activities for Journals and Presses

AIDS / Journal of Acquired Immune Deficiency Syndromes (JAIDS) / AIDS and Behavior / Social Science & Medicine / AIDS Patients Care and STDs / International Journal of STDs and AIDS / Drug and Alcohol Dependence / AIDS Care / Culture, Health & Sexuality / Sexual Health / Journal of the International AIDS Society / BMC Public Health / Youth and Society / PLoS Medicine / Plos One / Journal of women' Health / Health Psychology and Behavioral Medicine / Hong Kong Medical Journal / Hong Kong Journal of Dermatology and Venereology

IV.C. Reviewing Activities for Agencies and Foundations

Grant review

01/2021 \$ 09/2021 Grant review for Health and Medical Research Fund, The Government of the Hong Kong SAR, China

06/2020 Population and Public Health Approaches to HIV/AIDS Study Section, NIH

08/2017 Multidisciplinary studies of HIV/AIDS and aging, ZRG1 AARR-K 58 R, NIH

2015-2020 Grant review for Health and Medical Research Fund, The Government of the Hong Kong SAR, China

10/2015 Advancing Exceptional Research on HIV/AIDS and Substance Abuse
NIH/NIDA Review Panel

06/2015 NIH Community-Level Health Promotion (CLHP) Study Section

12/2014 NIH Special Panel for AIDS and AIDS Related Research Applications (ZRG1 AARR-K (05) M) and Behavioral Science Track Award for Rapid Transition (ZRG1 AARR-F (55) R)

07/2014 NIH Special Emphasis Panel Teleconference to Review R36 Dissertation Research Applications (ZRG1 AARR-C 58)

01/2014 Grant review for Health and Medical Research Fund, The Government of the Hong Kong SAR, China

12/2013 NIH Behavioral and social science approaches to preventing HIV/AIDS study section (BSPH)

12/2013 NIH Nursing Related Clinical and Intervention Studies (ZRG1 HDM-W 02)

- M)
- 08/2013 Reviewer for HIV Scholars Program, The Foundation for AIDS Research (amfAR)
 - 04/2013 NIH Director's Early Independence Award (DP5) Review
 - 03/2013 NIH Behavioral and social science approaches to preventing HIV/AIDS study section (BSPH)
 - 03/2013 NIH Special Emphasis Panel, NIH ZRG1 AARR-F(02)
 - 01/2013 Grant review for Health and Medical Research Fund, The Government of the Hong Kong SAR, China
 - 09/2012 NIH Special Emphasis Panel/Scientific Review, ZRG1 RPHB-A (51)
 - 01/2012 Reviewer for grant applications, invited by the Italian Ministry of Health
 - 07/2009 NIH Special Emphasis Panel/Scientific Review Group 2009/10 ZRG1 RPHB-E (58) R.
 - 06/2006 Reviewer for the Medical Research Council, South Africa
 - 05/2006 Reviewer for Wellcome Trust, Populations & public health Grants, London, UK
 - 12/2005 Reviewer in the Del Harder Proposal Review Panel
Rehabilitation Institute of Michigan

IV.D. Reviewing Activities for Conferences

- 02/2011 American Public Health Association Conference
- 03/2011 Society for Epidemiologic Research Conference

IV.E. Committees, Professional & Campus Service

Campus Service – Department

- 2015 – 2017 Elected Executive Committee
- 2015 - 2017 Course Planning Committee
- 2014 – 2016 Graduate Student Recruitment and Admission Committee
- 2014 – 2017 Curriculum Committee
- 2013 - 2017 IRB Liaison
- 2012, 13, 14 Tenure and promotion committee (UMD)
- 2012, 2014 Faculty Search Committee (UMD)
- 2009 - 2012 Doctoral Steering Committee: Member
- 2009 – 2012 Faculty Candidate Search Committee: Member
- 2009 - 2012 Doctoral Curriculum Committee: Member
- 2009 - 2010 MPH Epi Track Admission Committee: member
- 2009 - 2012 Departmental Space Committee: member

IV.F. Campus Service – College

05/14-05/16	Global Health Advisory Committee
04/14	Member on the Universitas 21 selection committee Reviewed 8 applications and selected 3 for the conference scholarship
09/12-09/17	SPH Research Committee (UMD)
09/12-09/15	SPH Award Committee (UMD)
12/09 – 08/12	Committee on the Status of Women and Minorities (COSOWAM), Member
11/09	Dean’s representative for monitoring a thesis defense given by a student in the department of Biostatistics.
03/08 – 05/11	Member of Pharmaceutical Economics and Policy (PEP) Program, Department of Pharmacy, VCU School of Pharmacy
10/07-11/09	Faculty candidate interviewer: Interviewed 2 candidates for Department of Pharmacy, and 2 candidates for Department of Social and Behavioral Health

IV.G. Campus Service – University

03/2020-Current	International Risk Management Committee for COVID-19
09/2016 – 09/2017	Endowed Awards Selection Committee
08/2013 – 05/2015	Faculty Representative on Educational Affairs Committee, UMD Senate Standing Committee
07/1010 – 08/2013	VCU Faculty Senate

IV.H. External Service and Consulting

Community Engagements, Local, State, National, International

07/2020 – Current	Member, Montgomery COVID-19 Public Health Advisory Board
03/2013-07/14	Provision of expertise in HIV research, especially sampling hard-to-reach Populations, to reduce health disparities in Maryland (Prince George’s County), UMD Prevention Research Center
07/2007-07/2012	Provision of expertise in epidemiologic data analysis to public health staff at Virginia Department of Health

IV.I. International Activities

04/2011	Chair of Thesis Committee, School of Health Administration, Anhui Medical University
01/2010 - Current	Co-adviser of doctoral students for Shandong University School of Public Health, China

- 08/2003 - Current Research advisor in Hefei Center for Disease Control and Prevention, China (provide expertise on HIV research projects)
- 11/2009 Provided expertise on the design and assessment of HIV-related stigma measurement scales for the Joint United Nations Programme on HIV/AIDS (UNAIDS)

V. Awards, Honors and Recognition

V.A. Research Fellowships, Prizes and Awards

2013, 2014, 2015: Honored as UMD Research Leaders by the university

V.B. Teaching Awards

09/2008 Outstanding Teacher Award, VCU School of Medicine