

CURRICULUM VITAE

Larissa Jennings Mayo-Wilson, PhD MHS

Associate Professor

University of North Carolina at Chapel Hill

Gillings School of Global Public Health

Department of Health Behavior

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EDUCATION

BA	2001	Harvard University Department of Anthropology <i>Concentration:</i> Social Anthropology, Pre-Medicine <u>Thesis:</u> Semester study-abroad anthropological fieldwork to examine influence of urban development on father-son relationships in rural Kenya. Cultural studies certificate from School of International Training.	Cambridge, MA
MHS	2005	Johns Hopkins Bloomberg School of Public Health Department of International Health <i>Track:</i> Health Systems (Advisors: Weiss; Winch) <u>Thesis:</u> Designed and coordinated in-country process evaluation of community neonatal health workers in Bangladesh to examine programmatic and policy implications for use of community health workers in the reduction of neonatal mortality.	Baltimore, MD
PhD	2009	Johns Hopkins Bloomberg School of Public Health Department of Population, Family, and Reproductive Health <i>Track:</i> Perinatal, Women's, and Reproductive Health (Advisor: Hindin) <u>Thesis:</u> Developed and implemented a group randomized trial to evaluate a job aids and task shifting initiative on quality of maternal and newborn care in rural Benin.	Baltimore, MD

PROFESSIONAL EXPERIENCE

<i>Associate Professor</i>	University of North Carolina at Chapel Hill Gillings School of Global Public Health Department of Health Behavior Department of Maternal and Child Health Chapel Hill, NC Tenure-track faculty whose research focuses on improving sexual and reproductive health, including HIV, in vulnerable populations. My work addresses sexual and reproductive health inequities stemming from racial, economic, and environmental disparities in the U.S. and sub-Saharan Africa. I use quantitative and qualitative methods as well as principles of behavioral economics to understand structural causes of health inequities, such as unemployment, homelessness, transphobia, or racism, and the mechanisms that link these structural factors to adverse sexual and reproductive health outcomes. With a focus on HIV prevention in young adults, I then use these findings to design, implement, and evaluate programs that intervene on structural factors that harm sexual and reproductive	2022 – Present
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health (SRH) using a combination of micro-economic initiatives, digital communication technologies, and community-based participatory methods.

My current studies involve: (i) design and evaluation of economic-strengthening interventions to reduce inequities in HIV/SRH, including microenterprise, cash transfers, savings, and financial incentives; (ii) analysis of economic and structural causes of disparities in HIV/SRH, and (iii) use of mobile health technologies to improve implementation and evaluation of HIV/SRH interventions. I also study socio-economic influences on maternal care-seeking and uptake of assisted reproductive technologies.

Faculty Fellow

Carolina Population Center

2023 – Present

University of North Carolina at Chapel Hill
Chapel Hill, NC

Support predoctoral and postdoctoral scholars in training related to population sciences, in addition to leading and collaborating on population health research in the U.S. and abroad. Other duties include participation in routine seminars, speaker invitations, grant development, and project administration.

Research Fellow

Cecil G. Sheps Center for Health Services Research

2023 – Present

University of North Carolina at Chapel Hill
Chapel Hill, NC

Support predoctoral and postdoctoral scholars in training related to health services research, in addition to leading and collaborating on health services research in the U.S. and abroad. Other duties include participation in routine seminars and mentorship activities.

*Adjunct Associate
Professor*

University of North Carolina at Chapel Hill

2023 – Present

School of Medicine

Department of Obstetrics and Gynecology
Chapel Hill, NC

Adjunct faculty appointment in support of research collaboration in women's health that qualitatively examines patients' infertility care experiences in the U.S.

Associate Professor

Indiana University School of Public Health

2019 – 2022

Department of Applied Health Science
Bloomington, IN

Tenure-track faculty responsible for developing and implementing research portfolio pertaining to reducing economic disparities in risk and prevention of HIV in vulnerable adolescents and young adults in the U.S. and in sub-Saharan Africa. Taught graduate-level sexual and reproductive surveillance methods course and graduate-level qualitative research methods course. Served on several departmental and school academic committees.

Assistant Professor

Johns Hopkins Bloomberg School of Public Health

2012 – 2018

Department of International Health
Social and Behavioral Interventions Program, Baltimore MD

Tenure-track faculty responsible for developing and implementing research portfolio pertaining to reducing economic disparities in risk and prevention of HIV in vulnerable adolescents and young adults in the U.S. and in sub-Saharan Africa. Taught school-wide qualitative research methods course and doctoral seminar in economic-strengthening interventions for sexual health. Served on JHU Faculty Senate, Departmental Steering

Committee, and Awards and Honors Committee, and supporting master's and doctoral student comprehensive exams and applications. Advised MSPH, MPH, DrPH, and PhD students, including several graduate student research assistantships. Received Golden Apple Award for Excellence in Teaching and three excellent in teaching ratings.

*Senior Evaluation
Advisor*

Abt Associates, Inc.

2011 – 2012

International Health Group

Monitoring & Evaluation Division, Bethesda, MD

Provided technical support to evaluation and research initiatives across the international health division, including dissemination of results from performance tracking, data quality reviews, and process and impact evaluations. Responsible for design and conduct of national maternal and child health household survey in Nigeria/DFID-PATHS2 Project.

Senior Research Officer

Elizabeth Glaser Pediatric AIDS Foundation (EGPAF)

2010 – 2011

Implementation Research Division, Washington, D.C.

Responsible for development and management of implementation research studies to improve facility and community prevention-of-mother-to-child-transmission (PMTCT) of HIV across sub-Saharan African country programs. Duties included design of program monitoring and evaluation protocols, grant writing, tool development, statistical data analysis, and in-country research training of field staff. Principal investigator (PI) of formative research on consumer perspectives on mobile phone technology for PMTCT (Kenya); Co-PI of mHealth PMTCT community-based intervention trial (Kenya); Co-I of impact assessment of village health workers for PMTCT (Zimbabwe).

Associate

Johns Hopkins Bloomberg School of Public Health

2010 – 2012

Department of Population, Family, and Reproductive Health

Perinatal and Reproductive Health Track, Baltimore, MD

Provided guest lectures on program evaluation methods and operational learning for maternal and child health and HIV/AIDS programming

*Founder &
Director*

My Own Tutor, LLC

2010 – 2012

State of Maryland-Registered Small Business

Bethesda, MD

Started and managed a full-service, private tutoring agency incorporated in the State of Maryland. Managed 4-person tutoring staff dedicated to providing customized educational services to students and adults in the Washington D.C. metropolitan area. Responsible for all aspects of business administration (i.e., hiring, marketing, web, legal, and accounting).

*Research & Evaluation
Advisor*

University Research Co., LLC (URC)

2005 – 2010

USAID Health Care Improvement (HCI) Project

Research and Evaluation Team, Bethesda, MD

Provided technical support to country programs worldwide in the design (methods and tools), implementation, analysis, and write-up of operations research studies related to improving the quality of care in areas such as maternal, child, and reproductive health, HIV/AIDS, malaria, nutrition, and psychosocial support.

Program evaluations included: Examination of quality of maternal and reproductive health services (Mali); Evaluation of job aids and task shifting for perinatal care (Benin); Evaluation of the institutionalization of essential obstetric and newborn care (Niger); Examination of willingness-to-pay for rapid diagnostic tests for infectious diseases (Benin); Assessment of CHW use of malaria rapid diagnostic tests (Zambia).

<i>Graduate Teaching Assistant</i>	Johns Hopkins Bloomberg School of Public Health Department of International Health, Baltimore, MD	2006 – 2007
	Provided teaching assistance to graduate students with 65+ student enrollment on courses related to maternal and neonatal mortality in low-income countries and health systems management. Duties included leading lab sessions, grading exams and student papers, and providing course administrative support. <i>Course Title:</i> Issues in Maternal Mortality Reduction in Developing Countries. <i>Course Title:</i> Health Information Systems	
<i>Research Assistant</i>	International Centre for Diarrheal Disease Research, Bangladesh Project to Advance the Health of Newborns and Mothers (PROJAHNMO) Dhaka, Bangladesh	2004 – 2005
	Designed and coordinated in-country process evaluation of community-based neonatal health workers in Sylhet, Bangladesh to examine programmatic and policy implications for use of community health workers in the reduction of neonatal mortality.	
<i>Financial Analyst</i>	Superior Financial Corporation Corporate/Private Banking Office, Little Rock, AR	2002 – 2003
	Gathered and analyzed financial data as related to company performance, revenue, and investor relations. Duties included creating financial reports and presentations relative to projected earnings, economic climate, and market.	
<i>Algebra Teacher</i>	American Pacific International School Mathematics Department, Chiang Mai, Thailand	2001 – 2002
	Taught basic and advanced Algebra (43 students, 2 classes) and elementary performing arts (16 students). Led design of mathematics curriculum for education accreditation.	
<i>Research Assistant</i>	Institute for Health and Social Justice Harvard T.H. Chan School of Public Health, Boston, MA	2000 – 2001
	Examined past eradication programs (malaria, smallpox, polio) to identify lessons learned and policy implications for health as a human right, particularly in the context of HIV/AIDS and other related global epidemics.	

HONORS AND AWARDS

2017-2018	Excellence in Teaching Recognition, Qualitative Research Theory and Methods, JHSPH
2016-2018	NIH Health Disparities Loan Repayment Award #2 (NIMHD)
2015-2016	Excellence in Teaching Recognition, Qualitative Research Theory and Methods, JHSPH
2014-2015	Golden Apple Award for Excellence in Teaching (Awarded annually to 4 JHSPH Faculty)
2014-2016	NIH Health Disparities Loan Repayment Award #1 (NIMHD)
2013-2014	NIH HIV Prevention Trials Network (HPTN) Scholars Award (NIAID)
2013-2014	NIH PRIDE Scholars Award, Comparative Effectiveness Research (NHLBI)
2007-2008	Fellow, American Public Health Association, Maternal and Child Health Section
2006-2007	Leopold Schepp Foundation Language Training Award
2005-2009	JHU Minority Health Training Award, Department of Population, Family, & Reproductive Health
2003-2005	Delta Omega Public Health Honor Society, Johns Hopkins University (Top 5% GPA)
2003-2004	Leopold Schepp Foundation Scholar Award

PROFESSIONAL SERVICE

2022 – Present	Reviewer	<p>National Institutes of Health (NIH) Center for Scientific Review – Population and Public Health Approaches to HIV/AIDS (PPAH) Study Section. Participate as needed in proposal review meetings and provide review and expertise relating to economic and structural interventions to mitigate HIV disparities.</p> <p>NIH Center for Scientific Review – Population Sciences and Epidemiology (PSE) Integrated Review Group, Study Section. Participate as needed in proposal review meetings and provide review and expertise relating to structural and economic determinants of maternal health.</p> <p>NIH Center for Scientific Review – Disease Control and Applied Immunology (DCAI) Review Branch, Study Section. Provide reviews relating to institutional and individual training awards for HIV prevention, care, and treatment in low- and middle-income countries.</p>
2022 – Present	Advisor	<p>Guaranteed Income (GI) and Health Consortium – Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health. Support a network for health GI experts to collectively advance an evidence base for guaranteed income, including building offering tools and technical assistance to GI programs for health.</p>
2022 – Present	Associate Editor	<p>PCORI - Patient-Centered Outcomes Research Institute. Origin Editorial. Invite peer reviewers, critically appraise, and synthesize feedback about PCORI final research reports. Review and apply methodology standards in assessing completeness and rigor of reports.</p>
2021 – Present	Advisor	<p>National Working Positive Coalition (NWPC) Research Working Group. Provide research advisory expertise to a multi-disciplinary coalition of people living with HIV, service providers, researchers, and advocates who promote the practice of research for the development, facilitation, implementation and evaluation of strategies and interventions addressing the employment needs of people living with or at greater vulnerability to HIV at national, state, and local levels.</p>
2020 – Present	Editorial Board Member	<p>Global Social Welfare Journal. Provide expertise on science in the field, assist in review of submitted manuscripts, and steer journal practices and policies.</p>
2018 – 2023	Board Member	<p>Nursing Network on Violence Against Women International (NNVAWI). Provide leadership and guidance to NNVAWI network and related white papers, including participation in the virtual conference</p>

		committee, review of website, policy brief, initiatives for students, and special journal issue on qualitative studies involving violence against women.
2021 – 2022	Voting Member	Data Safety and Monitoring Board (DSMB). Review research protocol and plans for data safety and evaluate the progress of the study trial in data quality, timeliness, participant recruitment, risks, benefits, and other factors. Trial's focus is on sexual health in adolescents.
2019 – 2021	Technical Advisor	USAID/University Research Council (URC) Advancements in Post-Partum Hemorrhage Care (APPHC) Technical Advisory Group. Assess strategy policies to improve clinical care and treatment of post-partum hemorrhage in women in low- and middle-income countries. Review and send written feedback to APPHC work group.
2020 – 2021	Program Reviewer	American Public Health Association (APHA) Sexual and Reproductive Health (SRH) Section & APHA Caucus on Homelessness. Review and rate submitted abstracts relating to adolescent and reproductive health, emerging reproductive health technologies, and research and clinical best practices to address homelessness and violence for APHA annual conferences.
2017 – 2019	Board Member	One House at a Time (OHAAT) (Baltimore-based) Provided community support and leadership to OHAAT in determining city-wide best practices for alleviating homelessness. Reviewed investor requests to rebuild and/or renovate abandoned properties as part of affordable housing city-wide initiative.
2015 – 2018	Board Member	Direct Impacts (Africa) Supported efforts to raise awareness of evidence-based strategies for improving welfare of girls and women in sub-Saharan Africa.
2012 – 2014	Board Member	Community Systems Foundation, Ann Arbor, MI Supported efforts to raise awareness for community-based health programming worldwide to reduce morbidity and mortality due to infectious and chronic disease. Specific duties include review of board finances and assistance in identifying strategic partners and student internships.
2014	Advisor	mPowering Frontline Health Workers Member of content review team responsible for establishing selection criteria and framing of digital child health (mHealth) content for an online repository integrated into technology applications by mobile operators, NGOs, and social enterprises.

2010 – 2011	Advisor	Elizabeth Glaser Pediatric AIDS Foundation (EGPAF) Quality Improvement Committee: Advised on processes to improve quality of monitoring and evaluation data from global PMTCT (Prevention of Mother-to-Child-Transmission) of HIV programs in low- and middle-income countries.
2009	Advisor	World Vision International (<i>Vision du Monde</i>), Paris, France Provided technical support in developing French-language advocacy materials for a maternal and newborn health and HIV/AIDS campaign.

PUBLICATIONS

* Published in collaboration with a student or post-graduate mentee

§ Co-first author partnership

[Full List on PubMed](#)

∞ Not indexed in PubMed (n=4)

1. Harvey SA, **Jennings L**, Chinyama M, Masaninga F, Mulholland K, Bell D. Improving community health use of malaria rapid diagnostic tests in Zambia: package instructions, a job aid, and job aid-plus-training. *Malaria Journal* 2008; 7:160-172. doi: 10.1186/1475-2875-7-160.
2. Franco LM, Burkhalter B, de Wagt A, **Jennings L**, Kelley AG, Hammink M. Evidence base for children affected by HIV and AIDS in low prevalence and concentrated epidemic countries: applicability to programming guidance from high prevalence countries. *AIDS Care* 2009; 21 Suppl (1): 49-59. doi: 10.1080/09540120902923089.
3. **Jennings L**, Affo J, Yebadokpo A, Agbogbe M. Antenatal counseling in maternal and newborn care: use of job aids to improve health worker performance and maternal understanding in Benin. *BMC Pregnancy Childbirth* 2010; Nov 22; 10:75. doi: 10.1186/1471-2393-10-75.
4. Rahman SM, Ali NA, **Jennings L**, Seraji MH, Mannan I, Shah R, Mahmud AB, Bari S, Hossain D, Das M, Baqui A, Arifeen ES, Winch PJ. Factors affecting recruitment and retention of community health workers in a newborn care intervention in Bangladesh. *Human Resources for Health* 2010; May 3; 8:12. doi: 10.1186/1478-4491-8-12.
5. **Jennings L**, Yebadokpo A, Affo J, Agbogbe M, Tankoano A. Task shifting in maternal and newborn care: a non-inferiority study examining delegation of antenatal counseling to lay nurse aides supported by job aids in Benin. *Implementation Science* 2011; Jan 6; 6:2. doi: 10.1186/1748-5908-6-2.
6. **Jennings L**, Ong'ech J, Simuyu R, Sirengo M, Kassaye S. Exploring the use of mobile technology for the enhancement of the mother-to-child transmission of HIV program in Nyanza, Kenya: a qualitative study. *BMC Public Health* 2013; Dec 5; 13:1131. doi: 10.1186/1471-2458-13-1131.
7. **Jennings L**, Gagliardi L*. Influence of mHealth interventions on gender roles in developing countries: a systematic literature review. *International Journal for Equity in Health* 2013; Oct 16; 12(1): 85. doi: 10.1186/1475-9276-12-85.
8. Ononge S*, Karamagi C, Nakabiito C, Wandabwa J, Mirembe F, Rukundo G, **Jennings L**. Predictors of unknown HIV serostatus at time of labor and delivery in Kampala, Uganda. *International Journal of Gynecology and Obstetrics* 2014; Mar; 124(3): 235-9. doi: 10.1016/j.ijgo.2013.08.011.
9. **Jennings L**, Bertrand J, Rech D, Harvey S, Hatzold K, Samkange C, Omondi D, Fimbo B, Cherutich P, Perry L, Njeuhmeli E. Quality of voluntary medical male circumcision services during rapid scale-up: a comparative process evaluation in Kenya, South Africa, Tanzania, and Zimbabwe. *PLoS One* 2014; May 6; 9(5): e79524. doi: 10.1371/journal.pone.0079524.
10. Kabagenyi A*, **Jennings L**, Atuyambe L, Reid A, Nalwadda G, Ntozi J. Barriers to male involvement in contraceptive uptake and reproductive health: a qualitative study of men and women's perceptions in two rural districts in Uganda. *Reproductive Health* 2014; Mar 5; 11(1): 21. doi: 10.1186/1742-4755-11-21.
11. **Jennings L**. Do men need empowering too? A systematic review of entrepreneurial education and microenterprise development on health disparities among inner-city black male youth. *Journal of Urban Health* 2014; Oct; 91(5): 836-50. doi: 10.1007/s11524-014-9898-z.

12. **Jennings L**, Na M*, Cherewick M*, Hindin M, Mullany B, Ahmed S. Women's empowerment and male involvement in antenatal care: analyses of demographic and health surveys (DHS) in selected African countries. *BMC Pregnancy and Childbirth* 2014; Aug 30; 14(1): 297. doi: 10.1186/1471-2393-14-297.
13. Massoud MR, Shakir F, Livesley N, Muhire M, Nabwire J, Ottosson A, Jean-Baptiste R, Megere H, Karamagi-Nkolo E, Gaudreault S, Marks P, **Jennings L**. Improving care for patients on antiretroviral therapy through a gaps analysis framework. *AIDS* 2015; Jul; 29 Suppl 2:S187-94. doi: 10.1097/QAD.0000000000000742.
14. **Jennings L**, Yebadokpo A, Affo J, Tankoano A, Agbogbe M. Use of job aids to improve facility-based postnatal counseling and care in rural Benin. *Maternal and Child Health Journal* 2015; Mar; 19(3): 557-65. doi: 10.1007/s10995-014-1537-5.
15. **Jennings L**, Rompalo A, Wang J, Hughes J, Adimora A, Hodder S, Soto-Torres LE, Frew PM, Haley DF, and the HIV Prevention Trials Network (HPTN064) Women's HIV Seroincidence Study (ISIS). Prevalence and correlates of knowledge of male partner HIV testing and serostatus among African-American women living in high poverty, high HIV prevalence communities (HPTN 064). *AIDS and Behavior* 2015; Feb; 19(2):291-301. doi: 10.1007/s10461-014-0884-y.
16. Aguiar C*, **Jennings L**. Impact of male partner antenatal accompaniment on perinatal health outcomes in developing countries: a systematic literature review. *Maternal Child Health Journal* 2015; Sep; 19(9): 2012-9. doi: 10.1007/s10995-015-1713-2.
17. Na M*, **Jennings L**, Talegawkar SA, Ahmed S. Association between women's empowerment and infant and child feeding practices in low and middle-income countries: an analysis of Demographic and Health Surveys. *Public Health Nutrition* 2015; Dec; 18(17): 3155-65. doi: 10.1017/S1368980015002621.
18. **Jennings L**, Shore D, Strohming N, Burgundi A. Entrepreneurial development for U.S. minority homeless youth: a qualitative inquiry on value, barriers, and impact on health. *Children and Youth Services Review* 2015; Feb; 49: 39-47. doi:10.1016/j.childyouth.2014.12.018 (∞)
19. **Jennings L**, Omoni A, Akerele A, Ibrahim Y, Ekanem E. Disparities in mobile phone use and maternal health service utilization in Nigeria: a population-based survey. *International J Medical Informatics* 2015; May; 84(5): 341-8. doi: 10.1016/j.ijmedinf.2015.01.016.
20. Nguyen L*, LeFevre A, **Jennings L**, Agarwal S, Mehl G, Labrique A, Chava L. Perceptions of data processes in mobile- versus paper-based health information systems for maternal, newborn, and child health: a qualitative study in Andhra Pradesh, India. *BMJ Innovations* 2015; 1:167-173. doi:10.1136/bmjinnov-2015-000063. (∞)
21. **Jennings L**, Ssewamala F, Nabunya P*. Effect of savings-led economic empowerment on HIV preventive practices among AIDS-orphaned adolescents in rural Uganda: results from the Suubi-Maka randomized experiment. *AIDS Care* 2016; Mar; 28(3): 273-82. doi: 10.1080/09540121.2015.1109585.
22. Nachega JB, Skinner D, **Jennings L**, Burke J, Evans M, Uthman OA, Lester R, Latkin C, Knowlton AW, Theron GB. Acceptability and feasibility of mHealth and patient-nominated supporters for directly observed ART to prevent mother-to-child HIV transmission in South African pregnant women under option B+: an exploratory study. *Patient Preference and Adherence* 2016; Apr 28; 10:683-90. doi: 10.2147/PPA.S100002.
23. **Jennings L**, Lee N*, Shore D, Strohming N, Burgundi A, Conserve DF*, Cheskin LJ. U.S. minority homeless youth's access to and use of mobile phones: implications for mHealth intervention design. *Journal of Health Communication* 2016; Jul; 21(7):725-33. doi: 10.1080/10810730.2015.1103331.
24. Ritchwood TD, Hughes JP, **Jennings L**, MacPhail C, Williamson B, Selin A, Kahn K, Gómez-Olivé FX, Pettifor A. Characteristics of age-discordant partnerships associated with HIV risk among young South African

women (HPTN 068). *Journal of Acquired Immune Deficiency Syndromes* 2016; Aug 1; 72(4):423-429. doi: 10.1097/QAI.0000000000000988.

25. Bermudez LG*, **Jennings L**, Ssewamala FM, Nabunya P*, Mellins C, McKay M. Equity in adherence to antiretroviral therapy in economically vulnerable adolescents living with HIV in Uganda. *AIDS Care* 2016; May 26; 28 Suppl 2: 83-91. doi: 10.1080/09540121.2016.1176681.
26. Rothstein JD*, **Jennings L**, Moorthy A, Yang F*, Gee L*, Romano K, Hutchful D, Labrique AB, LeFevre AE. Qualitative assessment of the feasibility, usability, and acceptability of a mobile client data app for community-based maternal, neonatal, and childcare in rural Ghana. *International Journal of Telemedicine and Applications* 2016; Nov 14. 2515420: p1-16. doi: 10.1155/2016/2515420.
27. Agarwal S, LeFevre AE, Lee J, L'Engle K, Mehl G, Sinha C, Labrique A; WHO mHealth Technical Evidence Review Group (**Jennings L**, Lucea M, BonTempo J, Coles C, Carras M, Murray J, White T, Augusto C, Pereira S, Galagan S, Mangone E, Parsecepe A, Vasudevan L, Tamrat T, Kallander K, Mitchell M, Abdel Aziz M, Froen F, Ormel H, Muniz M, Asangansi I). Guidelines for reporting of health interventions using mobile phones: mobile health (mHealth) evidence reporting and assessment (mERA) checklist. *BMJ*. 2016 Mar 17;352: i1174. doi: 10.1136/bmj.i1174.
28. Conserve DF*, **Jennings L**, Aguiar C*, Shin G, Handler L, Maman S. Systematic narrative review of mobile health behavioral interventions to improve uptake of HIV testing for vulnerable and key populations. *Journal of Telemedicine and Telecare* 2017; Feb;23(2):347-359. doi: 10.1177/1357633X16639186.
29. **Jennings L**, Pettifor A, Hamilton E, Ritchwood TD, Gómez-Olivé FX, MacPhail C, Hughes J, Selin A, Kahn K, and the HPTN 068 Study Team. Economic resources and HIV preventive behaviors among school-enrolled young women in rural South Africa (HPTN 068). *AIDS and Behavior* 2017; Mar; 21(3):665-677. doi: 10.1007/s10461-016-1435-5.
30. **Jennings L**, Yang F*, Otupiri E, Akinlo A, Okunlola M, Hindin M. Association of household savings and expected future means on delivery with a skilled birth attendant in Ghana and Nigeria: a cross-sectional analysis. *Maternal and Child Health Journal* 2017; Jan; 21(1):85-95. doi: 10.1007/s10995-016-2097-7.
31. LeFevre A, Mohan D*, Hutchful D, **Jennings L**, Mehl G, Labrique A, Romano K, Moorthy A. Mobile technology for community health in Ghana: what happens when technical functionality threatens the effectiveness of digital health programs. *BMC Medical Informatics and Decision-Making* 2017; Mar 14; 17(1):27. doi: 10.1186/s12911-017-0421-9.
32. **Jennings L**, Mathai M, Linnemayr S, Trujillo A, Mak'anyengo M, Montgomery BE, Kerrigan DL. Economic context and HIV vulnerability in adolescents and young adults living in urban slums in Kenya: a qualitative analysis based on scarcity theory. *AIDS and Behavior* 2017; Jan 11. doi: 10.1007/s10461-017-1676-y.
33. **Jennings L**, Conserve DF, Merrill J, Kajula L, Iwelunmor J, Linnemayr S, Maman S. Perceived cost advantages and disadvantages of purchasing HIV self-test kits among urban Tanzanian men: an inductive content analysis. *Journal of AIDS and Clinical Research* 2017 Aug;8(8). pii: 725. doi: 10.4172/2155-6113.1000725.
34. Sripad P*, Ozawa S, Merritt MW, **Jennings L**, Kerrigan D, Ndwiga C, Abuya T, Warren C. Exploring meaning and types of trust in maternity care in peri-urban Kenya: a qualitative cross-perspective analysis. *Qualitative Health Research* 2018; Jan 28(2):305-320. doi: 10.1177/1049732317723585.
35. Iwelunmor J, Blackstone S, **Jennings L**, Conserve D, Ehiri J, Curley J. Determinants of HIV testing and receipt of test results among adolescent girls in Nigeria: the role of assets and decision-making. *International Journal of Adolescent Medicine and Health*. 2018; Apr 9. doi: 10.1515/ijamh-2017-0152.

36. Vermund SH, Hamilton E*, Griffith SB, **Jennings L**, Dyer T, Mayer K, Wheeler D. Recruitment of underrepresented minority researchers into HIV prevention research: The HIV Prevention Trials Network (HPTN) Scholars program. *AIDS Res Hum Retroviruses* 2018; Feb;34(2):171-177. doi: 10.1089/AID.2017.0093.
37. Montgomery BE, Rompalo A, Hughes J, Wang J, Adimora A, Haley D, Justman J, Kuo I, Golin C, **Jennings L**, Frew P, El-Bassell N, Hodder SL, HPTN 064 Study Team. HIV-risk characteristics associated with violence against women: a longitudinal study among women in the United States. *Journal of Women's Health (Larchmt)* 2018 Nov; 27(11):1317-1326. doi: 10.1089/jwh.2017.6505. Epub 2018 Jun 15.
38. Bermudez LG*, Ssewamala FM, Neilands T, Lu L, **Jennings L**, Nakigozi G, Mellins CA, McKay MM, Mukasa M. Does economic strengthening improve adherence to ART among adolescents? Results from a randomized controlled trial in Uganda. *AIDS & Behavior* 2018 Nov; 22(11):3763-3772. doi: 10.1007/s10461-018-2173-7.
39. **Jennings Mayo-Wilson L**, Ssewamala F. Financial and behavioral economic factors associated with uptake of free HIV testing services among adolescents, guardians, and household members affected by AIDS in rural Uganda: a cross-sectional analysis. *Journal of Health Care for the Poor and Underserved*. 2019; 30(1):339-357. doi: 10.1353/hpu.2019.0025.
40. Larzelere F, Tingey L, Ingalls A, Sprengeler F, Parker S, Rosenstock S, **Jennings L**, Craig M, O'Keefe V, Barlow A. Evaluation of an entrepreneurship education intervention for Native American adolescents: trial design and baseline sample characteristics. *American Indian Alaska Native Mental Health Research*. 2019; 26(3):1-20. doi: 10.5820/aian.2603.2019.1.
41. **Jennings Mayo-Wilson L**, Glass NE, Ssewamala FM, Linnemayr S, Coleman J*, Timbo F*, Johnson MW, Davoust M, Yenokyan G, Labrique A, Dodge B, Latkin C. Microenterprise intervention to reduce sexual risk behaviors and increase employment and HIV preventive practices in economically-vulnerable African-American young adults (EMERGE): protocol for a feasibility randomized clinical trial. *Trials*. 2019 Jul 17; 20(1):439. doi: 10.1186/s13063-019-3529-7.
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79. Yang LS*, Witte SS, Kiyangi J*, Nabayinda J, Nsubuga E, Nabunya P, Sensoy Bahar O, **Jennings Mayo-Wilson L**, Ssewamala FM. Conducting high-frequency data collection in low-resource settings: Lessons from a financial diary study among women engaged in sex work in Uganda. *Journal of Human Behavior in the Social Environment* [Accepted, In Press]

RESEARCH GRANT PARTICIPATION

Ongoing Research

Title:	Microenterprise and behavioral economics intervention for sexual and biomedical HIV prevention in vulnerable U.S. young adults (EMERGE)
Dates:	7/08/2021 – 3/31/2027
Sponsoring Agency:	National Institute on Minority Health and Health Disparities (NIMHD)
Funding Type:	R01MD01685 (PI: Jennings Mayo-Wilson, UNC)
Role:	Principal Investigator
Objective:	Building on prior successful feasibility results from a preceding K01, this R01 aims to use an RCT design to evaluate the efficacy of a combination intervention on economic stability, condomless sex, and PrEP initiation up to 24-months post-intervention among vulnerable young adults in Baltimore, MD; to assess heterogeneity of intervention effects; and to examine mechanisms of change using statistical and qualitative methods.
Title:	Strengthening community responses to economic vulnerability and HIV inequities (SeCuRE)
Dates:	5/20/2022 – 9/30/2024
Sponsoring Agency:	National Institutes of Health (NIH)
Funding Type:	R34MH130207 (MPIs: Gamarel, UM & Jennings Mayo-Wilson, UNC)
Role:	Co-Principal Investigator
Objective:	Proposes to adapt an existing microeconomic intervention that offers emergency assistance and support to obtain legal gender affirmation to Black, indigenous and other transgender women of color to increase employment acquisition and reduce economic determinants of HIV risk.
Title:	Creating access to resources and economic support (CARES)
Dates:	7/21/2022 – 3/31/2027
Sponsoring Agency:	National Institutes of Health (NIH)
Funding Type:	R01MD016755 (PI: Poteat, University of North Carolina)
Role:	Co-Investigator
Objective:	Leveraging existing community partnerships and ongoing cohorts, the study seeks to assess the efficacy of feasible, acceptable, community-derived interventions to reduce economic and psychological harms experienced by transgender people in the wake of COVID-19 using a three-arm randomized clinical trial design.
Title:	Adolescent Medicine Trials Network for HIV/AIDS Interventions (ATN) Scientific Leadership Center – Legal, Economic, and Affirming Peer Support for Trans Youth (LEAP) Protocol Study
Dates:	1/25/2023 – 11/30/2029 (7 years)
Sponsoring Agency:	National Institutes of Health (NIH)
Funding Type:	UM2HD111102
MPI:	Hightow-Weidman, L (Florida State University) & Hosek, S Sub-Award to UNC (PI: Pettifor, A), LEAP Site PI – Jennings Mayo-Wilson (UNC)
Protocol Co-Chairs:	Gamarel, K (University of Michigan) Reisner, S (Harvard University)
Role:	Co-Investigator Scientific Leadership Team (SLT)
Objective:	The newly envisioned ATN is a multicomponent collaborative research enterprise focused on the reduction of new HIV infections among adolescents and young adults in the US as well as improvements across the HIV continuum of care for youth living with HIV. The SLT will bring all elements together and ensure that they function collaboratively,

effectively, and efficiently. Seven highly innovative and impactful clinical trials, led by talented multi-disciplinary teams that address all five ATN priority research areas, span key populations of youth, multiple socioecological systems, and a variety of regulatory phases.

Title: **Clinical and community care experiences of women undergoing in vitro fertilization services in the U.S. (CCCE)**
Dates: 8/1/2022 – 7/31/2025
Sponsoring Agency: UNC
Funding Type: Faculty Discretionary Funds (PI: Jennings Mayo-Wilson)
Role: Principal Investigator
Objective: This qualitative longitudinal study examines clinical and community care experiences of women undergoing in vitro fertilization (IVF) services in the U.S. with the goal of designing and evaluating digital, economic, behavioral, and place-based interventions to improve care experiences. Formative work was preceded by a narrative systematic review of evidence to-date.

Title: **UNC-CH Training program in health sciences research**
Dates: 7/1/2023 – 6/30/2028
Sponsoring Agency: Agency for Healthcare Research and Quality (AHRQ)
Funding Type: National Research Service Award (NRSA) Program
PI: T32HS00032 – Institutional Training Program
Role: Mark Holmes (UNC)
Core Faculty
UNC Cecil G. Sheps Center for Health Services Research
Objective: The program offers academic training and direct research experience in the application of the concepts and research methods of a number of disciplines to the study of the organization, financing, utilization, provision, and effectiveness of personal health services.

Completed Research

Title: **Kyaterekera project: a combination intervention addressing sexual risk-taking behaviors among vulnerable women in Uganda**
Dates: 6/01/2018 – 5/31/2023
Sponsoring Agency: National Institute of Mental Health (NIMH)
Funding Type: R01MH116768 (PIs: Ssewamala & Witte; Washington University St. Louis)
Role: Co-Investigator
Objective: To examine the impact of a financial savings-led microfinance intervention using HIV risk reduction education with matched savings accounts and financial literacy education on HIV biological and behavioral outcomes in female sex workers in the Rakai and Masaka regions of Uganda using a randomized controlled trial design.

Title: **Behavioral economics incentives to support HIV antiretroviral treatment adherence in Sub-Saharan Africa**
Dates: 7/01/2017 – 6/30/2023
Sponsoring Agency: National Institute of Mental Health (NIMH)
Funding Type: R01MH110350 (PI: Linnemayr, RAND)
Role: Co-Investigator
Objective: To investigate the role of small incentives based on principles from behavioral economics in improving HIV-related behaviors and biological outcomes (i.e., undetectable viral load, dose adherence, and CD4 counts) in adult patients in an HIV clinic in Kampala, Uganda, using a randomized controlled design.

Title: **Microeconomic intervention to reduce HIV transmission in economically disadvantaged transgender women**

Dates: 12/13/2017 – 11/30/2022
 Sponsoring Agency: National Institute of Mental Health (NIMH)
 Funding Type: R34MH115775 (PI: Benotsch & Zimmerman, Virginia Commonwealth University)
 Role: Co-Investigator
 Objective: To develop and pilot test a set of microeconomic interventions to reduce the risk of HIV transmission among economically disadvantaged male-to-female transgender women using a randomized experimental study in Richmond, VA & St. Louis MO/IL.

Title: **Integrating microenterprise and behavioral economics for HIV prevention in African American young adults**
 Dates: 6/01/2015 – 8/31/2021
 Sponsoring Agency: National Institute of Mental Health (NIMH)
 Funding Type: K01MH107310 (PI: Jennings Mayo-Wilson, IU/JHU)
 Role: Principal Investigator
 Objective: To pilot test the feasibility of a microenterprise intervention with behavioral economic text messages in reducing risky sexual behaviors among homeless, out-of-school, and unemployed young adults in Baltimore, MD, using a randomized clinical trial design.

Title: **Evaluation of an entrepreneurship program among American Indian youth**
 Dates: 8/01/2013 – 7/30/2018
 Sponsoring Agency: Native American Research Centers for Health (NIH)
 Funding Type: U261IHS0080A (PI: Barlow, JHSPH)
 Role: Co-Investigator
 Objective: To examine the effect of a business and social entrepreneurship model for reservation-based White Mountain Apache adolescents on psychosocial, drug abuse, mental health, and related economic outcomes using a randomized controlled design.

Title: **Youth and adult microfinance to improve resilience outcomes in the Democratic Republic of Congo**
 Dates: 08/16/2012 – 05/31/2018
 Sponsoring Agency: National Institute of Child Health and Human Development
 Funding Type: R01HD071958 (PI: Glass, JHU)
 Role: Faculty mentee/PI to qualitative ancillary study
 Main Objective: To examine the comparative effect of combined versus youth-led animal husbandry microfinance on adolescent resilience (school attendance, family relationships, self esteem, and outlook for the future), family resilience, and community resilience.
 Ancillary Objective: To qualitatively examine adolescent perceptions regarding the influence of the youth-led animal husbandry microfinance on economic, social, and psychosocial outcomes.

Title: **Economic context and HIV vulnerability in adolescents and young adults living in urban slums in Kenya**
 Dates: 01/01/2013 – 12/31/2017
 Sponsoring Agency: National Institutes of Health – Johns Hopkins Center for AIDS Research
 Funding Type: P30AI094189 – Career Development Award (Competitive) (PI: Jennings, JHSPH)
 Role: Principal Investigator
 Objective: (i) To use behavioral economics principles to qualitatively examine how economic scarcity influences sexual risk behaviors among adolescents and young adults living in Kenya's urban slums. (ii) To examine the feasibility of using respondent-driven sampling (RDS) survey methodology to estimate the prevalence and statistical association of traditional and behavioral economic factors with HIV protective and risky sexual behaviors.

Title:	Influence of household savings and expected future means on delivery with a skilled birth attendant: a longitudinal cohort analysis in Nigeria and Ghana (Family Health and Wealth Study)
Dates:	1/01/2014 – 12/31/2016
Sponsoring Agency:	Bill and Melinda Gates Institute for Population and Reproductive Health Johns Hopkins Bloomberg School of Public Health
Funding Type:	Ancillary Faculty Award
Role:	Ancillary Study PI
Objective:	To examine if women in households with greater savings and expectations of being financially better-off in the coming year are more likely to deliver with a skilled birth attendant as compared to women in families with fewer liquid assets or negative expected future means.
Title:	African American homeless youth's perspectives on a mobile-based intervention for economic empowerment and HIV prevention: a formative research study
Dates:	01/15/2013 – 01/14/2015
Sponsoring Agency:	Johns Hopkins Bloomberg School of Public Health
Funding Type:	Faculty Discretionary Funds (Non-Competitive) (PI: Jennings, JHSPH)
Role:	Principal Investigator
Objective:	To conduct formative research for the design of a mobile-based health and financial education intervention for homeless youth living in Baltimore/Washington D.C.
Title:	Mobile phone technology for prevention of mother-to-child transmission (PMTCT) of HIV: acceptability, effectiveness, and cost
Dates:	4/15/2011 – 11/15/2013
Sponsoring Agency:	WHO: Grants Programme for Implementation Research Alliance for Health Policy and Systems Research, Elizabeth Glaser Pediatric AIDS Foundation (EGPAF)
Funding Type:	C6-TSA-024 HQHSR1003602 (PI: Ong'ech, Jennings)
Role:	Co-Principal Investigator
Objective:	To examine the effectiveness of SMS text communication on PMTCT completion up to six weeks postpartum among HIV-infected women in rural Kenya.
Title:	A family-based economic empowerment model for orphaned children in Uganda
Dates:	08/01/2008 – 07/31/2012
Sponsoring Agency:	National Institute of Mental Health
Funding Type:	R34MH081763 (PI: Ssewamala, Columbia University)
Role:	Supporting Investigator
Main Objective:	To use a randomized trial design to test the Suubi-Maka intervention of family-level income generating projects (microenterprises), matched savings, and mentorship on adolescent's sexual risk taking, mental health, psychosocial development, family and care-giving relationships.
Title:	Evaluation of the role of job aids and task-shifting on quality of maternal and newborn care (MNC) and counseling in Zou/Collines, Benin: a group randomized clinical trial
Dates:	07/01/2007 – 8/30/2009
Sponsoring Agencies:	USAID Health Care Improvement (HCI) Project; USAID Integrated Family Health Project (PISAF); University Research Council, LLC
Funding Type:	Pre-Doctoral Research Grant (PI: Jennings)
Role:	Principal Investigator
Objective:	To evaluate the effectiveness of a clinic-based quality improvement approach on MNC counseling and behavioral outcomes in rural Benin.

Completed Training Awards

Title: **Comparative effectiveness research institute: programs to increase diversity among individuals engaged in health-related research (PRIDE)**
Dates: 07/01/2013 – 07/31/2015
Sponsoring Agency: National Heart, Lung & Blood Institute
Funding Type: R25HL105401 (PI: Begg, Columbia University Mailman School of Public Health)
Research Education Grant - Nationally Competitive, Selected as 1 out of 11 Trainees
Role: Faculty Trainee
Objective: To acquire supplemental training in cost-effectiveness, decision analysis, biostatistics, and grantsmanship to support research to examine economic and structural interventions to address U.S. and global health disparities.

Title: **HIV Prevention Trials Network (HPTN) Scholars Program**
Dates: 05/01/2013 – 11/30/2014
Sponsoring Agency: National Institutes of Health - HIV Prevention Trials Network
Funding Type: UM1AI068619 (PI: El-Sadr, FHI 360)
HPTN Scholars Award - Nationally Competitive
Network Studies: HPTN 064: The Women's HIV Seroincidence Study (PI: Hodder)
HPTN 068: Effects of cash transfer for the prevention of HIV in young South African women (PI: Pettifor)
Role: Ancillary Study PI
Objective: (1) To examine multi-level characteristics, including economic factors, associated with couple's communication regarding prior HIV testing and serostatus among lower-income U.S. minority women; (2) To examine association of economic assets and control on young South African women's HIV sexual risk, power, and communication

SCIENTIFIC MEETINGS

- 2020 CDC Sexually Transmitted Diseases (STD) Prevention Conference. **Habit formation in support of antiretroviral medication adherence in clinic-enrolled HIV-infected adults: A mixed qualitative assessment in Kampala, Uganda.** Session #2037. September 14-24. Atlanta, GA. [Poster Presentation]
- CDC Sexually Transmitted Diseases (STD) Prevention Conference. **Microenterprise intervention to reduce sexual risk behaviors and increase employment and HIV preventive practices (EMERGE): a feasibility randomized clinical trial.** Session #2035. September 14-24. Atlanta, GA. [Poster Presentation]
- CDC Sexually Transmitted Diseases (STD) Prevention Conference. **Combined effects of gender affirmation and economic hardship on vulnerability to HIV: A qualitative analysis among adult transgender women.** Session# 469015. September 14-24. Atlanta, GA. [Poster Presentation]
- 2019 American Public Health Association (APHA) Annual Meeting & Expo. **Discrimination and cannabis use in transgender men and women.** Session #2025.0. November 3. Philadelphia, PA. [Poster presentation by colleague – E Benotsch]
- 2018 American Public Health Association (APHA) Annual Meeting & Expo. **Lessons learned from using respondent-driving sampling (RDS) to assess sexual risk behaviors in Kenyan urban slum youth.** Session #4309. Abstract ID: 414439. November 13. San Diego, CA. [Poster Presentation]
- APHA Annual Meeting & Expo. **Employment and housing discrimination, sex trading, and HIV risk in transgender women.** Session #4307. Abstract ID: 414349. November 13. San Diego, CA. [Co-Investigator on Poster Presentation] Presenter: Dr. Eric Benotsch
- APHA Annual Meeting & Expo. **Behavioral economic biases associated with condom use among financially disadvantaged African-American young adults: a survey assessment.** Session #3370. HIV Biomedical Prevention in the United States. Abstract ID: 415222. November 12. San Diego, CA. [Oral Presentation]
- APHA Annual Meeting & Expo. **Feasibility of assessing economic and sexual risk behaviors using text message surveys in African-American homeless young adults.** Session #2057. Abstract ID: 414555. November 11. San Diego, CA. [Poster Presentation]
- UMSL Transgender Spectrum Conference (TSC). **Developing a micro-economic intervention for HIV prevention with transgender women by listening to transgender women.** November 9. St. Louis, MO. Presenters*/co-authors: Zimmerman R*, Benotsch EG, Jennings L, Grigsby SR, Cathers LA*, Kirschbaum A. [Panel Presentation]
- The Nursing Network on Violence Against Women International (NNVAWI) 22nd Annual Conference. **Global development and the links to gender, economic empowerment, and violence prevention.** September 26. Ontario, Canada. [Plenary: Keynote Co-Speaker]. Co-Presenter: Nancy Glass.
- Sexually Transmitted Diseases (STD) Prevention Conference. **Feasibility of assessing economic and sexual risk behaviors using longitudinal text message surveys in African-American homeless young adults.** August 29. Washington, D.C. [Poster Presentation]. Co-Presenter: Melissa Davoust.

- 2017 Boston University School of Public Health Community Health Sciences Symposium: Defining the Field. **Microeconomic interventions to prevent HIV in vulnerable young women and men: Next steps for intervention and policy?** Oral Presentation. September 12. Boston, MA. [Oral Presentation, Panelist]
- International AIDS Society (IAS) 9th Annual Conference on HIV Science. **Integrating microenterprise and behavioral economics for HIV prevention in U.S. urban poor young adults: study design and intervention development of the EMERGE Project.** July 26. Paris, France. [Poster Presentation]
- International AIDS Society (IAS) 9th Annual Conference on HIV Science. **Financial and behavioral economic factors associated with uptake of free HIV testing in AIDS-affected adolescents and households in Uganda: a cross-sectional analysis.** July 25. Paris, France. Co-Presenter: L. M. Michalopoulos [Poster Presentation]
- International AIDS Society (IAS) 9th Annual Conference on HIV Science. **Economic context and HIV vulnerability in adolescents and young adults living in urban slums in Kenya: a qualitative analysis based on scarcity theory.** July 24. Paris, France. [Oral Presentation, Panelist]
- Annual Consortium of University of Global Health (CUGH) Conference. **Perceived cost advantages and disadvantages of purchasing HIV self-testing kits among urban Tanzanian men: an inductive content analysis.** April 7. Washington, D.C. Co-Presenter: D. Conserve and J. Merrill. [Poster Presentation]
- 2016 Global Digital Health Forum Annual Conference: Harnessing Digital Health Innovations. **Hindsight is 20/20: What we can learn from the Mobile Technology for Health (MOTECH) program in Ghana?** December 14. Washington, D.C. [Panelist]
- Global Digital Health Forum (Annual Conference): Harnessing Digital Health Innovations. **Using mobile technology to improve uptake of HIV testing in vulnerable and key populations: a systematic narrative review.** December 13. Washington, D.C. [Oral Presentation]
- HIV Prevention Trials Network (HPTN) Annual Meeting. HPTN Scholars Program Meeting. **Economic resources and HIV preventive behaviors among school-enrolled young women in rural South Africa (HPTN 068).** June 14. Arlington, VA. [Oral Presentation]
- Johns Hopkins University (JHU) Center for AIDS Research (CFAR) Annual Meeting. CFAR Awardee. Prevention Core. **Economic context and HIV vulnerability in adolescents and young adults living in urban slums in Kenya: a qualitative inquiry based on scarcity theory.** June 10. Bloomberg School of Public Health. Baltimore, MD [Oral Presentation]
- International Center for Child Health and Asset Development (ICHAD). 2nd Global Perspectives on Economic Strengthening and Adolescent Health and Education in Sub-Saharan Africa Conference. **Persistent economic scarcity among low-income youth and young adults: implications for improving sexual and reproductive health measurement and outcomes.** Oral Presentation. May 12. Columbia University School of Social Work. New York, NY.
- Society for Social Work and Research Annual Conference: **Effects of a savings-led economic empowerment intervention on HIV preventive practices among AIDS-orphaned adolescents in rural Uganda: results from the Suubi-Maka project.** International Center for Child Health and Asset Development (ICHAD). January 17. Washington, D.C. [Oral Presentation]
- 2015 – 2011 Columbia University School of Medicine. Irving Institute for Clinical and Translational Research (IICTR) Annual PRIDE Scholars Meeting. **Minimizing health disparities through economic**

empowerment for U.S. minority and sub-Saharan African youth: research strategy and aims. May 16. 2014. New York, NY. [Poster Presentation]

HIV Prevention Trials Network (HPTN) Annual Meeting. HPTN Scholars Program Meeting. **Prevalence and correlates of knowledge of male partner HIV testing and serostatus among African American women living in high poverty and high HIV prevalence communities (HPTN 064).** May 2. 2014. Arlington, VA. [Oral Presentation]

2010 – 2005 Global Health Conference (GHC) – Annual Meeting. **Designing a Health Care Improvement Project.** University Research Co. (URC), Health Care Improvement (HCI) Project. Washington, D.C. 2010. Co-Facilitators: Massoud M.R., Dick S, Shakir F. [Panelist]

United States Agency for International Development (USAID) Global Health Mini-University. **Improving care for patients on antiretroviral therapy (ART) – The ART Framework hypothesis testing in Nicaragua and Tanzania.** University Research Co. (URC), Quality Assurance Project (QAP). 2009. Washington, D.C. [Oral Presentation]

American Public Health Association (APHA) Annual Conference. **Evaluation of health-sector based stigma among health care providers towards HIV-positive patients in Dar es Salaam, Tanzania.** Abstract #162458. University Research Co. (URC), Quality Assurance Project (QAP). 2007. Washington, D.C. [Oral Presentation]

American Public Health Association (APHA) Annual Conference. **Community-health workers in Bangladesh: Negotiation and counseling in newborn care preparedness.** Johns Hopkins University. Project for the Advancement of Newborns and Mothers (Projahnmo). Abstract #112295. 2005. Philadelphia, PA [Poster Presentation]

BOOK CHAPTERS

Haley DF, Parker KA, Dauria EF, Root C, Rodriguez L, Ruel E, Oakley D, Wang J, **Jennings L**, Soto-Torres L, and Cooper H. Chapter 11. "Housing and health: exploring the complex intersections between housing environments and health behaviors among women living in poverty". O'Leary A and Frew P. (eds.) Poverty in America: Women's Voices. New York, NY: Springer. 2017. doi: 10.1007/978-3-319-43833-7.

NON-PEER REVIEWED REPORTS

1. **Jennings L**. Implementation Research in Context of MCH/HIV Integration. 2010. Elizabeth Glaser Pediatric AIDS Foundation (EGPAF). Linkage and Integration of Maternal-Child Health Services and HIV Services. Haba Na Haba Quarterly Technical Bulletin. Dec. Vol 2, Issue 1.
2. **Jennings L**, Franco LM, Zeribi KA, and Rosser E. 2010. Synthesis of Findings and Learning from the Field Testing of Learning System Tools: The Standard Evaluation System (SES) Team Documentation Journal, Team Synthesis Form, and Excel Results Databases. Research and Evaluation Report. Published by the USAID Health Care Improvement Project. Bethesda, MD: University Research Co., LLC (URC).
3. **Jennings L**, Jean-Baptiste R and Burkhalter B. 2007. Evaluation of knowledge, Attitudes, and Practices of Health Care Providers toward HIV-positive Patients in Dar es Salaam, Tanzania. Operations Research Results. Published for the U.S. Agency for International Development (USAID) by University Research Co., LLC, Bethesda, MD.
4. Franco LM, de Wagt A, Burkhalter B, **Jennings L**, Kelley A, Hammink M, Irani L and Moya C. Quality Assurance Project and UNICEF Study Team. 2007. The Evidence Base for Programming for Children Affected by HIV/AIDS in Low Prevalence and Concentrated Epidemic Countries. Published for UNICEF and the U.S. Agency for International Development by the Quality Assurance Project, University Research Co., LLC, Bethesda, MD.
5. Leshabari S, Koniz-Booher P, Burkhalter B, Hoffman M, **Jennings L**. 2007. Testing a PMTCT Infant-feeding Counseling Program in Tanzania. Operations Research Results. Published for the U.S. Agency for International Development (USAID) by QAP.
6. Burkhalter B and **Jennings L**. 2006. Comparison of two methods for determining provider attendance during normal labor and delivery: Results from Benin, Ecuador, Jamaica, and Rwanda. Operations Research Results. Published for the U.S. Agency for International Development (USAID) by QAP.

PEER REVIEW ACTIVITIES

AIDS and Behavior
Applied Clinical Informatics
BMC Health Services Research
BMC Pregnancy and Childbirth
Global Social Welfare
Journal of Adolescence
Journal of Family Issues
Journal of Health Communication
Journal of Perinatology
Maternal and Child Health Journal
PLOS One

POST-DOCTORAL FELLOWS

UNC Gillings School of Global Public Health

2022 – Present	Hannah Silverstein, PhD, Department of Maternal and Child Health
2022 – 2023	Patrece L. Joseph, PhD, Department of Health Behavior
2022 – 2023	Rebekah Israel Cross, PhD, Department of Health Behavior Department of Maternal and Child Health

TEACHING

Courses Taught

2024 - Present	<p>Qualitative Research Methods: HBE-753, This 3-credit course introduces students to qualitative research methods. The course uses a combination of didactic, interactive, and applied techniques to teach knowledge and skills relevant to qualitative data collection and analysis. Through the course, students conduct their own qualitative study by working individually to collect data through in-depth interviews and working in small groups to analyze the data, and present the results. By the end of the course students develop skills in how to formulate appropriate qualitative research questions, collect qualitative data using interviews and focus group discussions, and analyze qualitative data.</p> <p>Enrollment: Graduates (PhD/MPH) Students, University of North Carolina (UNC) Gillings School Global of Public Health, Department of Health Behavior</p> <p>Role: Co-Instructor</p>
2021 – 2022	<p>Qualitative Research Methods in Public Health: SPH-X-580, This 3-credit research methods class provides students with practical skills for conducting qualitative research in domestic and international settings as well as in-person, mobile and virtual settings. The first module of the course examines theoretical foundations of qualitative research and different methodologies for qualitative inquiry. The second course module enables students to develop, interpret, and evaluate three common qualitative data collection methods: in-depth interviews, focus group discussions, and observation. We focus on details principles and techniques that are critical for conducting qualitative research, including question formation, tool design, sampling, data generation, ethics, and quality control. The third module focuses on qualitative data analysis; and the fourth module focuses contemporary methods to conduct qualitative research such as by phone or via social media, including presentation of qualitative results across various platforms.</p> <p>Enrollment: 14 Master's and Doctoral Students, Indiana University School of Public Health, Department of Applied Health Science and other departments</p> <p>Role: Sole Instructor & New Course Developer</p>
2020 – 2022	<p>Sexual and Reproductive Health Surveillance: SPH-B-630, This 3-credit epidemiology class introduces students to common methods and systems used for sexual and reproductive health surveillance in domestic and international settings. Instruction focuses on developing basic skills in the design, analysis, and interpretation of sexual and reproductive health data. Specific topics include understanding the strengths and limitations of public health surveillance methods relating to sexually transmitted infections, maternal health, morbidity, and mortality, contraception, abortion, and infertility as well as sexual violence. Students are also trained on the basics of how to evaluate the performance</p>

of a sexual and reproductive health surveillance system and how to consider economic and ethical implications of surveillance. The course concludes by examining recent advances in conducting sexual and reproductive health surveillance using social media. Student evaluations are based on exams with written critical assessments. This 16-week course includes all new material and methods developed by the instructor.

Enrollment: 12 Master's and Doctoral Students, Indiana University School of Public Health, Department of Applied Health Science and other departments

Role: Sole Instructor & New Course Developer

2019

Microenterprise for Resource Generation and Health Empowerment (EMERGE): Methods and Practicum Community-Based Course: This 3-part course (3rd term, 4th term, and Summer) provided students with practical skills for starting a community-based micro-business and reducing risk to economic determinants of HIV infection. The class met once per week for 2.5 hours for 20 weeks. The first part aimed to improve knowledge of planning, initiating, and managing an income-generating microenterprise and to improve entrepreneurial skills and experiences that can enhance employability. The 2nd part aimed to improve knowledge of the associations between economic vulnerability and HIV risk in U.S. racial minority young adults; to improve knowledge of sexual risk behaviors, such as unprotected sex, sex while high/drunken, sex with persons with unknown HIV status, etc. and ways to minimize them in exchange for safer sex behaviors; and to improve knowledge and uptake of HIV prevention practices, such as condom use, discussions with sexual partners, HIV testing, use of pre-exposure prophylaxis HIV medications, and safer sex behaviors. The 3rd part combined community-based micro-business start to assist students to identify financial and sexual health goals, such as earning income or discussing safer sex with sexual partners; and to identify financial and sexual health assets to protect from negative consequences, such as maintaining positive relationships with microbusiness customers or accompanying a new sexual partner to HIV prevention and care services. Student evaluations were based on class participation, oral survey, and community-based practices. This 20-week course included all new material and methods developed by the instructor.

Enrollment: 19 community students with prior reported economic and sexual risks in greater Baltimore metropolitan area in partnership with JHSPH Department of International Health, Social & Behavioral Interventions (SBI) Program.

Role: Sole Instructor & Course Developer

2017 – 2018

Qualitative Research Theory and Methods: This 3-credit research methods class (224.690, 3rd Term) provided students with practical skills for conducting qualitative research in domestic and international settings. The first module of the course examines theoretical foundations of qualitative research and different methodologies for qualitative inquiry, including programmatic qualitative research, grounded theory, ethnography, phenomenology, narrative analysis, and case studies. The second course module enables students to develop, interpret, and evaluate three common qualitative data collection methods: in-depth interviews, focus group discussions, and observation. The third and final module details principles and techniques that are critical for conducting qualitative research, including question formation, tool design, sampling, data generation, ethics, and quality control. Student evaluations were based on exams with written critical assessments. This 8-week course included all new material and methods developed by the instructor.

Enrollment: 80 to 100 students from the Master of Public Health (MPH) program and master's and Doctoral Programs of several departments including, the Department of International Health, Department of Health Behavior & Society, and Department of Population, Family & Reproductive Health.

Role: Sole Instructor & Course Developer

Recognition: Received *Excellence in Teaching Recognition* in 2018.

2016 – 2017

Economic-Strengthening Interventions for Sexual and Reproductive Health: This special-studies doctoral seminar (224.867, 3rd Term) introduced doctoral students to recent advances in research on economic-strengthening interventions to address poverty-related factors in sexual and reproductive health with a primary focus on HIV and AIDS. Topics include behavioral economics, microfinance, cash transfers, financial incentives, and entrepreneurial-based health interventions that have been evaluated quantitatively and qualitatively. The seminar aimed to foster critical thinking on the theoretical and methodological basis for economic-strengthening interventions in public health in the U.S. and in low-income countries. Student evaluations were based on class participation and written critical assessments.

Enrollment: 2 to 5 students from doctoral programs in the Department of International Health, including interested research associates

Role: Sole Instructor & Seminar Developer

2012 – 2016

Qualitative Research Theory and Methods (w/ Practicum): This 5-credit research methods class (224.690.01) was identical to the current QRTM course described above, but additionally included an 8-week community-based qualitative research project. Students were required to work in groups to design and conduct qualitative research in Baltimore City to apply course methods to real-world public health issues. In 2017, the practicum component of the course was offered separately in response to increasing enrollment and student preferences to conduct field work following in-class training.

Enrollment: 60+ students, from the Master's (MPH, MSPH) and doctoral programs (PhD, DrPH) in the Departments of International Health, Health Behavior & Society, and Population, Family & Reproductive Health Sciences.

Role: Co-Instructor in 2012, 2014, and 2016
Lead Instructor in 2013 and 2015

Recognition: Received *Golden Apple Teaching Award* (provided to 4 faculty out of ~750 faculty) and *Excellence in Teaching Recognition* in 2015

INVITED SHORT COURSE & GUEST LECTURES

2023

Carolina Population Center (CPC). University of North Carolina (UNC). **Best practices for preparing a successful K01 Career Development Award to NIH.** April 20. [Panelist]

Carolina Population Center (CPC). University of North Carolina (UNC). **Addressing economic determinants of sexual and reproductive health in vulnerable young adults.** February 24. [Oral Presentation]

2022

Department of Epidemiology. University of North Carolina (UNC) Gillings School of Global Public Health. Reproductive Epidemiology Seminar. **Addressing economic determinants of HIV vulnerabilities in high-risk young adults.** November 10. [Guest Lecturer]

Department of Health Behavior. UNC Gillings School of Global Public Health. Professional Development for Doctoral Students Class. **Career pathways and research in academia: Perspectives from new faculty members – Panel Discussion.** October 31. [Oral Panelist]

Department of Maternal and Child Health. Global Sexual and Reproductive Health Class. UNC Gillings School of Global Public Health. **Digital communication technologies: implications for HIV and other sexual and reproductive health inequities.** April 11. [Guest Lecturer].

- 2021 International Center for Child Health and Asset Development (ICHAD). Washington University in St. Louis. Publication Seminar. **Economic abuse and care-seeking practices for HIV and financial support services in women employed by sex work: a baseline assessment of a clinical trial cohort in Uganda.** May 27. Online. [Oral Presentation]
- 2020 Indiana University 25th Annual Preparing Future Faculty Conference. **Navigating the job market: strategies for academic & professional careers.** February 7. Bloomington, IN [Oral Presentation and Panelist]
- 2019 Johns Hopkins University School of Nursing. Public Health Nursing Theory & Practice Lecture Series. **Economic context and HIV vulnerability in adolescents and young adults living in urban slums in Kenya: a qualitative analysis based on scarcity theory.** September 24. Baltimore, MD [Oral/Online Presentation].
- 2018 Social and Behavioral Interventions (SBI) Program Graduate Seminar. **Developing an effective public health professional curriculum vitae.** Johns Hopkins Bloomberg School of Public Health. December 10. Baltimore, MD. [Oral Presentation]
- Harvard T.H. Chan School of Public Health – Department of Social and Behavioral Sciences. **Addressing economic determinants of HIV vulnerability in high-risk young adults.** Research Seminar Series. May 14. Boston, MA [Oral Presentation]
- Boston University School of Public Health – Department of Global Health. **Micro-economic interventions to reduce HIV risk in vulnerable young adults.** Research Seminar Series. April 6. Boston, MA [Oral Presentation]
- 2017 Social and Behavioral Interventions (SBI) Program Graduate Seminar. **An asset-based public health employment search: recommendations for enhancing your curriculum vitae.** Johns Hopkins Bloomberg School of Public Health. January 30. Baltimore, MD. [Oral Presentation]
- Early Childhood Research with Tribal Communities Annual Summer Institute. **Overview of qualitative research methods.** Johns Hopkins University Center for American Indian Health. July 13. Baltimore, MD. [Oral Presentation]
- ASPIRES Project. **Building a research agenda on household economic strengthening (HES) interventions for HIV outcomes.** FHI 360. February 27. Washington D.C. [Expert Discussant, No Presentation Provided]
- 2016 HIV/AIDS Special Working Group. RAND Corporation. **Addressing sexual and reproductive health disparities through economic and mHealth solutions.** Center on Research and Policy in International Development (RAPID). April 25. Santa Monica, CA. [Oral Presentation]
- Social and Behavioral Interventions (SBI) Program Graduate Seminar. **An asset-based public health employment search: recommendations for enhancing your curriculum vitae.** Johns Hopkins Bloomberg School of Public Health. April 04. Baltimore, MD. [Oral Presentation]

USAID: Health Communication Capacity Collaborative (HC3). Johns Hopkins University (JHU) Center for Communication Programs (CCP): **Increasing demand of mobile technologies (mHealth) for maternal, reproductive, newborn, child, and adolescent health.** March 09. Baltimore, MD. [Webinar]

2015 UNICEF. ICT and HIV Strategy Meeting. **Systematic narrative review of mobile health behavioral interventions to improve uptake of HIV testing for vulnerable and key populations.** (Presented in absentia). Co-Presenter: D. Conserve. November 28. Harare, Zimbabwe.

2014 Johns Hopkins University School of Nursing: Public Health Foundations for Nursing Seminar Series. **Economic-strengthening to improve health among homeless and unstably housed youth: preliminary insights from formative research.** September 17. Baltimore, MD [Oral Presentation]

ACADEMIC SERVICE

University of North Carolina (UNC) Gillings School of Global Public Health, Chapel Hill, NC

Department of Health Behavior

2023 – Present Member, Doctoral Advisory Committee (DAC)

Department of Maternal and Child Health

2023 – Present Member, Department Tenure-Track Faculty Search Committee
2022 – Present Faculty Advisor, Critical Conversations Student Committee

Indiana University School of Public Health, Bloomington, IN

University

2020 – 2022 Bloomington Faculty Council (BFC), SPH Unit Representative (Elected)
2020 – 2022 BFC Research Affairs Committee, Member

School of Public Health

2020 – 2022 Departmental Representative and Alternate, Academic Council (Elected)
2019 – 2022 Center for Sexual Health Promotion, Faculty Affiliate

Department of Applied Health Science

2020 – 2021 PhD Admissions and Advising Taskforce, Chair (Elected)
2019 – 2020 Values Taskforce

Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

University

2012 – 2019 Global MHealth Initiative, Steering Committee Member
2006 – 2009 Diversity and Inclusion Initiative, Committee Member

School of Public Health

2016 – 2018 Faculty Senate, (Elected)

Department of International Health

2017 – 2019 Honors and Awards Committee
2012 – 2018 MSPH Admissions Reviewer, SBI Program
2016 – 2018 Steering Committee
2016 – 2017 Departmental Faculty Search Committee
2012 – 2016 MSPH Assistant Coordinator, SBI Program