CURRICULUM VITAE

Lauren M. Hill, PhD MSPH
Department of Health Behavior
UNC Gillings School of Global Public Health
Chapel Hill, NC
hilllm@email.unc.edu

EDUCATION

PhD 2017 — **Health Behavior**
UNC Gillings School of Global Public Health, Chapel Hill, NC
Dissertation: *Mental Health and Sexual Risk Behaviors among Social Networks of Young Tanzanian Men*
Advisor: Suzanne Maman

MSPH 2013 — **Health Behavior**
UNC Gillings School of Global Public Health, Chapel Hill, NC

B.A. 2008 — **Public Health Studies**
The Johns Hopkins University, Baltimore, MD
Honors Thesis: *ARV Awareness and HIV Testing Attitudes in Soweto and Vulindlela, South Africa*
Advisor: Katherine Fritz

PROFESSIONAL EXPERIENCE

4/20 - **Assistant Professor**
Department of Health Behavior
University of North Carolina at Chapel Hill, Chapel Hill, NC

3/20 - 4/20 **Postdoctoral Research Associate**
Department of Health Behavior
University of North Carolina at Chapel Hill, Chapel Hill, NC

7/18 - 2/20 **Postdoctoral Research Trainee**
Cecil G. Sheps Center for Health Services Research
University of North Carolina at Chapel Hill, Chapel Hill, NC

7/17 - 6/18 **Postdoctoral Research Associate**
Department of Health Behavior
University of North Carolina at Chapel Hill, Chapel Hill, NC

1/14 - 5/17 **Research Assistant**
A Multilevel Intervention to Reduce HIV Risk among Networks of Men in Tanzania
Department of Health Behavior
University of North Carolina at Chapel Hill, Chapel Hill, NC

1/14 - 5/15 **Research Assistant**
Effects of Cash Transfer and Community Mobilization in Young South African Women
Department of Epidemiology
University of North Carolina at Chapel Hill, Chapel Hill, NC

5/13 - 5/14 **Research Assistant**
South Africa HIV/AIDS Antenatal Care Post-test Support Study
Department of Health Behavior
University of North Carolina at Chapel Hill, Chapel Hill, NC

9/11 - 12/13 **Research Assistant**
Evaluation of the Women's Justice and Empowerment Initiative
MEASURE Evaluation, Chapel Hill, NC

6/09 - 5/11 **Community Health Extension Agent**
Community Health & HIV/AIDS Prevention Program, Peace Corps/Togo

HONORS AND AWARDS

2019 UNC Postdoctoral Award for Research Excellence

2015 UNC Graduate School Summer Research Fellowship

2015 UNC Center for Faculty Excellence Pro40+ Course Redesign Award

2015 Future Faculty Fellowship

2011 Gillings Merit Award

2008 Merck Summer Scholarship

2008 BA awarded with University and Public Health Honors, Johns Hopkins University

2004 - 2008 National Merit Scholarship

PUBLICATIONS

Peer reviewed journal articles

Published or in press

21. **Hill LM**, Lightfoot AF, Riggins L, Golin CE. Awareness of and attitudes toward pre-exposure prophylaxis among African American women living in low-income neighborhoods in a Southeastern city. AIDS Care. 2020.

20. **Hill LM**, Maseko B, Phanga T, Hosseinipour M, Bekker LG, Pettifor A, Rosenberg NE. HIV risk, risk perception, and PrEP interest among adolescent girls and young women in Lilongwe, Malawi: Operationalizing the PrEP awareness cascade. Journal of the International AIDS Society. 2020.

19. Maseko B, **Hill LM**, Phanga T, Bhushan N, Vansia D, Kachigamba A, Libale C, Nthani T, Madomola E, Bamuya C, Kamtsendero L, Rosenberg NE, Hosseinipour M. Perceptions of and interest in HIV Pre-exposure prophylaxis use among adolescent girls and young women in Lilongwe, Malawi. PLOS ONE. 2020.

18. MacPhail C, Khoza N, Treves-Kagan S, Selin A, Gómez-Olivé X, Peacock D, Rebombo D, Twine R, Maman S, Kahn K, DeLong SM, **Hill LM**, Lippman SA, Pettifor A. Process elements contributing to community mobilization for HIV risk reduction and gender equality in rural South Africa. PLOS ONE. 2019.

17. Stoner MCD, Kilburn K, **Hill LM**, MacPhail C, Selin A, Kimaru L, Khoza N, Hove J, Twine R, Kahn K, Pettifor A. "To stand for myself as young woman": Qualitative findings on the effect of a cash transfer intervention on sexual partnerships in HIV Prevention Trials Network 068 Study. Culture, Health & Sexuality. 2019.

16. **Hill LM**, Golin CE, Pack A, Carda-Auten J, Wallace DD, Cherkur S, Farel CE, Rosen EP, Gandhi M, Asher Prince HM, Kashuba ADM. Using real-time adherence feedback to enhance communication about adherence to antiretroviral therapy: Patient and clinician perspectives. Journal of the Association of Nurses in AIDS Care. 2019.

15. Pack A**,** Golin CE, **Hill LM**, Carda-Auten J, Wallace DD, Cherkur S, Farel CE, Rosen EP, Gandhi M, Prince HM, Kashuba ADM. Patient and clinician perspectives on optimizing graphical displays of longitudinal medication adherence data. Patient Education and Counseling. 2019.

14. Kajula L, Kilonzo M, Mwikoko G, Kajuna D, Balvanz P, Yamanis T, Mulawa M, **Hill LM**, Conserve D, Mbwambo J, Maman S. Engaging young men as community health leaders in an HIV & GBV Prevention Trial in Dar es Salaam, Tanzania. Global Social Welfare. 2019.

13. **Hill LM**, Golin CE, Gottfredson NC, Pence BW, DiPrete B, Carda-Auten J, Groves JS, Napravnik S, Wohl DA, Knight K, Flynn PM. Drug use mediates the relationship between depressive symptoms and adherence to ART among recently incarcerated people living with HIV. AIDS & Behavior. 2018.

12. **Hill LM**, Kajula LJ, Maman S. Correlates of Anxiety and Depression among Young Men Living in Dar Es Salaam, Tanzania. International Journal of Mental Health and Addiction. 2018.

11. Rhodes BE, Gottfredson NC, **Hill LM**. Desistance and treatment-seeking among women with substance use disorders. Qualitative Health Research. 2018.

10. **Hill LM**, Gottert A, MacPhail C, Rebombo D, Twine R, Kahn K, Pettifor A, Lippman SA, Maman S. Understanding Men's Networks and Perceptions of Leadership to Promote HIV Testing and Treatment in Agincourt, South Africa. Global Public Health. 2017.

9. **Hill LM**, Gottfredson NC, Kajula-Maonga LJ, Pence BW, Moody J, Go V, Maman S. Changes in Anxiety and Depression Symptoms Predict Sexual Risk Behaviors Among Young Men Living in Dar es Salaam, Tanzania. AIDS & Behavior. 2017.

8. **Hill LM**, Moody J, Gottfredson NC, Kajula-Maonga LJ, Pence BW, Go V, Maman S. Peer norms moderate the association between mental health and sexual risk behaviors among young men living in Dar es Salaam, Tanzania. Social Science & Medicine. 2017.

7. **Hill LM**, Abler L, Maman S, DeVellis R, Twine R, Kahn K, MacPhail C, Pettifor A. Hope, the Household Environment, and Sexual Risk Behaviors Among Young Women in Rural South Africa (HPTN 068). AIDS & Behavior. 2017.

6. Abler L, **Hill LM**, Suzanne Maman, DeVellis R, Twine R, Kahn K, MacPhail C, Pettifor A. Hope Matters: Developing and Validating a Measure of Future Expectations among Young Women in a High HIV Prevalence Setting in Rural South Africa (HPTN 068). AIDS & Behavior. 2016.

5. **Hill LM**, Maman S, Kilonzo MN, Kajula-Maonga LJ. Anxiety and depression strongly associated with sexual risk behaviors among networks of young men in Dar es Salaam, Tanzania. AIDS Care. 2016.

4. Kajula L, Balvanz P, Kilonzo MN, Mwikoko G, Yamanis TJ, Mulawa M, Kajuna D, **Hill LM**, Conserve D, Reyes HL, Leatherman S, Singh B, Maman S. Vijana Vijiweni II: a cluster-randomized trial to evaluate the efficacy of a microfinance and peer health leadership intervention for HIV and intimate partner violence prevention among social networks of young men in Dar es Salaam. BMC Public Health. 2016.

3. Mulawa M, Yamanis TJ, **Hill LM**, Balvanz P, Kajula L, Maman S. Evidence of social network influence on multiple HIV risk behaviors and normative beliefs among young Tanzanian men. Social Science & Medicine. 2016.

2. **Hill LM**, Maman S, Holness D, Moodley D. Legal knowledge, needs, and assistance seeking among HIV positive and negative women in Umlazi, South Africa. BMC International Health and Human Rights. 2016.

1. **Hill LM**, Maman S, Groves AK, Moodley D. Social support among HIV-positive and HIV-negative adolescents in Umlazi, South Africa: changes in family and partner relationships during pregnancy and the postpartum period. BMC Pregnancy and Childbirth. 2015.

Under Review

Hill LM, Pack A, Walker JS, Maman S, Miller WM. Interventions to support linkage to HIV care, retention, and adherence to ART among infants, children, adolescents living with HIV in sub-Saharan Africa: A systematic review. PLOS ONE.

Reports

Arnoff E, **Hill LM**, Bloom SS, Maman S. The Women's Justice and Empowerment Initiative: Lessons Learned and Implications for Gender-Based Violence Programming in Sub-Sahara Africa. 2013.

PRESENTATIONS

Hill LM, Lightfoot AF, Riggins L, Golin CE. Women's views of and preferences for delivery of HIV prevention programs in public housing communities. AcademyHealth Annual Research Meeting in Boston, Massachusetts, June 2020 (in-person meeting canceled due to COVID-19, virtually presented July 2020).

Hill LM, Golin CE, Carda-Auten J, Groves JS, Napravnik S, Pence BW, Uhrig Castonguay B, Wohl DA, Knight K, Flynn PM. Behavioral health service utilization by recently incarcerated people living with HIV: Analysis of data from the Individuals Motivated to Participate in Adherence, Care, and Treatment (imPACT) Trial. AcademyHealth Annual Research Meeting in Washington, D.C., June 2019.

Hill LM, Golin CE, Pack A, Carda-Auten J, Wallace DD, Cherkur S, Farel CE, Rosen EP, Gandhi M, Prince HM, Kashuba ADM. Patient and provider perspectives on communication to promote adherence to antiretroviral therapy using real-time adherence feedback. 13th International Conference on HIV Treatment and Prevention Adherence in Miami Beach, Florida, June 2018.
**Selected as one of the Top 15 posters of Adherence 2018*

Hill LM, Golin CE, Gottfredson NC, Pence BW, DiPrete B, Carda-Auten J, Groves JS, Napravnik S, Wohl DA, Knight K, Flynn PM. Mediators of the relationship between symptoms of anxiety and depression and antiretroviral adherence after prison release. 13th International Conference on HIV Treatment and Prevention Adherence in Miami Beach, Florida, June 2018.

Hill LM, Maman S, Holness D, Moodley D. Legal knowledge, needs, and assistance seeking among HIV positive and negative women in Umlazi, South Africa. Ending Gender Inequalities: Addressing the Nexus of HIV, Drug Use, and Violence with Evidence-based Action Conference in Chapel Hill, North Carolina, April 2016.

Kajula LJ, Kilonzo MN, **Hill LM**, Maman S. The Association between Intimate Partner Violence and Mental Health (Depression and Anxiety) among Networks of Youth at Risk in Dar es Salaam, Tanzania. Sexual Violence Research Initiative Conference in Stellenbosch, South Africa, September 2015.

Hill LM, Maman S, Kilonzo MN, Kajula-Maonga LJ. Mental Health and Sexual Risk Behaviors among Networks of Young Men in Dar es Salaam, Tanzania. International AIDS Society Meeting in Vancouver, July 2015.

Maman S, **Hill LM**, Balvanz P, Kajula L. Sexual risk behavior and STI prevalence among social networks of young men in Dar es Salaam. International AIDS Society Meeting in Vancouver, July 2015.

Bloom S, Arnoff Y, **Hill LM**, Maman S. The Women's Justice and Empowerment Initiative: Lessons learned and implications for gender-based violence Programming in sub-Saharan Africa. African Evaluation Association Meeting in Yaoundé, Cameroon, March 2014.

Maman S, **Hill LM**, Marlow H, Groves AK, Moodley D. Social isolation of pregnant adolescents and the implications for initiating antenatal care in Durban, South Africa. International AIDS Society Meeting in Washington D.C., USA, July 2012.

TEACHING

Spring 2020 **Co-Instructor** – UNC Project-Malawi Qualitative Research Methods Training
UNC Dept. of Health Behavior

Spring 2017 **Lead Co-Instructor, HBEH 753** – Qualitative Research Methods
UNC Dept. of Health Behavior

Summer 2015 - Fall 2016 **Teaching Assistant**, **NR 110.202** – Biostatistics
Johns Hopkins School of Nursing

Fall 2015 **Teaching Assistant**, **HBEH 752** – Program Evaluation
UNC Dept. of Health Behavior

Spring 2015 **Teaching Assistant**, **HBEH 893** – Program Evaluation in Diverse Settings
UNC Dept. of Health Behavior

Spring 2014 **Teaching Assistant**, **HBEH 753** – Qualitative Research Methods
UNC Dept. of Health Behavior

Fall 2013 **Teaching Assistant**, **HBEH 756** – Implementation and Evaluation Methods
UNC Dept. of Health Behavior

GRANTS

Ongoing

NIH/NIMH: K01 MH121186 Hill (PI) 12/2019 - 11/2024
Promoting PrEP shared decision-making and adherence among pregnant and breastfeeding women
This Mentored Research Scientist Development Award will provide the training and skills needed to launch a productive career in pre-exposure prophylaxis (PrEP) decision-making research and in the development and evaluation of behavioral interventions to promote the utilization of and adherence to medicines for the prevention and treatment of HIV. I will develop and pilot a shared decision-making aid for pregnant women in to help them make decisions about PrEP. Through this study and career development activities, I will gain training in medical decision making, mixed methods research, and professional skills needed to lead clinical intervention trials.
Role: Principal Investigator

NC TraCS Pilot Award: 2KR1151906 Hill (PI) 10/2019 - 09/2020
Targeting Stress as a Cause of Non-Adherence to Antiretroviral Therapy in People Living with HIV
This pilot will contribute to our understanding of the association between stress, coping strategies, and antiretroviral therapy (ART) in people living with HIV needed to identify targets and strategies for intervention. It will do this through 3 objectives to inform a powered longitudinal study: 1) evaluate the feasibility of collecting daily stress and adherence data via mobile device among high stress people living with HIV; 2) evaluate the feasibility of using retrospective reports of patient-reported stress and missed ART doses to facilitate recall in in-depth interviews; and 3) explore the association between daily stress and ART adherence to generate estimates for the design of a future powered study.
Role: Principal Investigator

NC TraCS Stakeholder Engagement Award Golin (PI) 05/2019 - 04/2020
Engaging Stakeholders in a Community-Academic Partnership to Address Mental Health and Access to Care among Durham Housing Authority residents
In this stakeholder engagement project, we aim to develop trauma-informed strategies for HIV prevention for African American women living in public housing communities in the Southeastern United States in collaboration with a panel of resident and community stakeholders. With these stakeholders, we plan to adapt

and pilot test an existing evidence-based HIV prevention intervention designed for and with African American women by developing and integrating a trauma-informed mental health component into the intervention. It will: 1) account for and mitigate psychological distress related to trauma that may be triggered by the HIV-prevention intervention; and 2) create an infrastructure to increase access to mental health services for women identified as in need of these services due to a history of trauma.
Role: Co-Investigator

NIH/NIMHD Loan Repayment Program Award Hill (PI) 09/2018 - 08/2020
Understanding and Addressing Causes of Disparities in HIV in North Carolina
This funding supports my postdoctoral research to understand the determinants and mechanisms explaining non-adherence to antiretroviral therapy (ART) that contribute to the significant racial and ethnic disparities in clinical outcomes in HIV, and to develop interventions to promote adherence to ART and pre-exposure prophylaxis (PrEP) for HIV prevention.
Role: Principal Investigator

NIH/NIAID: R01 AI131060 Chi (PI) 06/2019 - 12/2020
A dyad approach to combination HIV prevention in pregnancy for Zambia and Malawi
This study uses a comprehensive dyad-based framework to design a multi-component HIV prevention package to: (1) increase coverage of partner HIV testing in antenatal settings, (2) improve ART uptake and adherence, and (3) provide pre-exposure prophylaxis to HIV-negative pregnant women at elevated risk for HIV acquisition. The study team will design and evaluate this combination HIV prevention package for pregnant women, their partners, and their newborns. The intervention will be tailored to settings in Malawi and Zambia, in anticipation of larger-scale evaluation.
Role: Consultant

Pending

Gilead Golin & Hill (PI)
Effects of I'm Fully Empowered4PrEP Intervention on HIV PrEP Uptake by Southern African American Women
This study seeks to refine and evaluate the feasibility of the IFE4PrEP intervention to promote PrEP uptake by African American women living in public housing. The IFE4PrEP intervention components will first be refined through a brief formative study to identify optimal design features for: a) messaging to target hypothesized precursors for PrEP uptake; and b) the planned delivery of mobile PrEP services. The objective for the pilot study is to assess two elements of intervention feasibility: a) acceptability; and b) the preliminary intervention effect of the IFE4PrEP intervention.
Role: Co-Principal Investigator

Completed

AHRQ: T32 HS000032 Holmes (PI) 07/2018 - 02/2020
Training Program in Health Services Research
This training program trains predoctoral and postdoctoral fellows to apply research methods to the systematic analysis and evaluation of health care services and health policy issues. The emphases of the training program are the organization, financing, utilization, quality and evaluation of personal health care services and public policies for ensuring access to such services. An additional area of emphasis is comparative effectiveness research, including comparisons of diagnostic, treatment and policy interventions.
Role: Postdoctoral Research Trainee

NIH/NIAID: R01 AI122319 Kashuba/Rosen (PI) 07/2017 - 06/2018
Novel Mass Spectrometry Imaging Methods to Quantify Antiretroviral Adherence
This study seeks to develop and test the use of hair samples as a measure of antiretroviral adherence to be used as clinical monitoring tool to provide feedback to HIV-infected patients.
Role: Postdoctoral Research Associate

NIH/NIAID: T32 AI007001 Miller/Adimora (PI) 07/2015 - 05/2017
Training Program in Sexually Transmitted Diseases and HIV

This training program trains predoctoral and postdoctoral trainees to conduct outstanding STD/HIV research, foster the development of the skills necessary to conduct productive interdisciplinary research, and facilitate professional growth and development to ensure academic and research success.
Role: Predoctoral Fellow

(No Number) Hill (PI) 05/2015-09/2015
UNC Summer Research Fellowship, UNC Graduate School
This funding supported preliminary secondary data analyses in preparation for my dissertation research examining the association between symptoms of affective disorders and sexual risk behaviors among young men living in Dar es Salaam, Tanzania.
Role: Principal Investigator (Mentor: Suzanne Maman)

PROFESSIONAL ACTIVITIES

Leadership

10/17 -	UNC School of Public Health – Causal Inference in Mediation Analysis Working Group
1/16 - 5/17	UNC School of Public Health – Mental Health Research Student Interest Group
8/15 - 5/16	UNC Health Behavior – Cohort Representative
8/15 - 5/16	UNC Health Behavior – Doctoral Student Action Committee

Ad Hoc Journal Reviews: AIDS & Behavior, Social Science & Medicine, Journal of the International AIDS Society, AIDS Care, BMC Women's Health, Global Public Health, PLOS ONE, Sahara-J