

## CURRICULUM VITAE

**Lauren M. Hill, PhD MSPH**  
UNC Gillings School of Global Public Health  
Department of Health Behavior  
135 Dauer Drive, CB #7440  
Chapel Hill, NC 27599  
[hillm@email.unc.edu](mailto:hillm@email.unc.edu)

### EDUCATION

---

<b>PhD</b> 2017	<b>Health Behavior</b> UNC Gillings School of Global Public Health, Chapel Hill, NC
<b>MSPH</b> 2013	<b>Health Behavior</b> UNC Gillings School of Global Public Health, Chapel Hill, NC
<b>B.A.</b> 2008	<b>Public Health Studies</b> The Johns Hopkins University, Baltimore, MD

### PROFESSIONAL EXPERIENCE

---

4/20 -	<b>Assistant Professor</b> Department of Health Behavior University of North Carolina at Chapel Hill, Chapel Hill, NC
7/18 - 3/20	<b>Postdoctoral Research Trainee</b> Cecil G. Sheps Center for Health Services Research University of North Carolina at Chapel Hill, Chapel Hill, NC
7/17 - 6/18	<b>Postdoctoral Research Associate</b> Department of Health Behavior University of North Carolina at Chapel Hill, Chapel Hill, NC
1/14 - 5/17	<b>Research Assistant</b> <i>A Multilevel Intervention to Reduce HIV Risk among Networks of Men in Tanzania</i> Department of Health Behavior University of North Carolina at Chapel Hill, Chapel Hill, NC
1/14 - 5/15	<b>Research Assistant</b> <i>Effects of Cash Transfer and Community Mobilization in Young South African Women</i> Department of Epidemiology University of North Carolina at Chapel Hill, Chapel Hill, NC
5/13 - 5/14	<b>Research Assistant</b> <i>South Africa HIV/AIDS Antenatal Care Post-test Support Study</i> Department of Health Behavior University of North Carolina at Chapel Hill, Chapel Hill, NC
9/11 - 12/13	<b>Research Assistant</b> <i>Evaluation of the Women's Justice and Empowerment Initiative</i> MEASURE Evaluation, Chapel Hill, NC
6/09 - 5/11	<b>Community Health Extension Agent</b> Community Health & HIV/AIDS Prevention Program, Peace Corps/Togo

---

## HONORS AND AWARDS

---

- 2022 Invited Fellow, NIH OBSSR Summer Institute on Randomized Behavioral Clinical Trials
- 2022 Centers for AIDS Research Early Stage Investigator, CFAR Social and Behavioral Science Research Network Conference, University of Pennsylvania
- 2020 Center for AIDS Research Developmental Award, UNC Chapel Hill
- 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 - National Merit Scholarship  
2008

## PUBLICATIONS

---

\*indicates student or trainee/mentee

†indicates lead or senior author paper

### Peer reviewed journal articles

#### **Published or in press**

- †34. Agarwal H\*, Dhawan G, **Hill LM**, Dube K, Knoble A. Perceptions and Experiences of Oral Pre-Exposure Prophylaxis (PrEP) and Acceptability of Long-Acting Injectable PrEP among MSM in India: A Qualitative Study. PLOS Global Public Health. 2024.
- †33. Young AM\*, Saidi F, Phanga T\*, Tseka J, Bula A, Mmodzi P, Pearce LD, Maman S, Golin CE, Mutale W, Chi BH, **Hill LM**. Male partners' support and influence on pregnant women's oral PrEP use and adherence in Malawi. Front Reprod Health. 2024.
32. Chi BH, Saidi, F, Graybill LA, Phanga T, Mollan KR, Amico KR, Freeborn K, Rosenberg NE, **Hill LM**, Hamoonga T, Richardson B, Kalua T, Phiri S, Mutale W. A Patient-Centered, Combination Intervention to Support Adherence to HIV Pre-exposure Prophylaxis During Pregnancy and Breastfeeding: A Randomized Pilot Study in Malawi. JAIDS. 2024.
31. Saidi F, Phanga T, Graybill L, Mollan KR, **Hill LM**, Sibande W, Msowoya G, Thom A, Rosenberg NE, Freeborn K, Amico KR, Phiri S, Mutale W, Chi BH. Acceptability of a combination adherence strategy to support HIV antiretroviral therapy and pre-exposure prophylaxis adherence during pregnancy and breastfeeding in Malawi. AIDS & Behavior. 2023.
30. Golin CE, Rosen E, Ferguson E, Perry NR, Poliseno A, Munson A; Davis A, **Hill LM**, Keys J, White N, Claire E. Farel CE; Kashuba ADM. Feasibility, Acceptability and Appropriateness of MedViewer: A Novel Hair-based Antiretroviral Real-time Clinical Monitoring Tool Providing Adherence Feedback to Patients and their Providers. AIDS & Behavior. 2023.

29. Hamoonga TE\*, Mutale W, **Hill LM**, Igumbor J, Chi BH. "PrEP protects us": Behavioural, normative, and control beliefs influencing PrEP uptake among pregnant and breastfeeding women in Zambia. *Frontiers in Reproductive Health*. 2023.
28. Polisen A, Ferguson E, Perry NR, Munson A, Davis A, **Hill LM**, Keys J, White N, Farel C, Gay C, Golin CE, Rosen E, Kashuba A. Establishing Novel Antiretroviral Imaging for Hair to Elucidate Non-Adherence (ENLIGHTEN): Study Design. *Journal of Medical Internet Research*. 2023.
27. Hamoonga TE\*, Mutale W, Igumbor J, **Hill LM**, Chi BH. Predicting intention to use pre-exposure prophylaxis among HIV-negative pregnant and breastfeeding women in Zambia: Application of the Theory of Planned Behaviour. *Global Public Health*. 2023.
- †26. **Hill LM**, Golin CE, Saidi F, Phanga T\*, Tseka J, Young A\*, Pearce LD, Maman S, Chi BH, Mutale W. Understanding PrEP decision making among pregnant women in Lilongwe, Malawi: A mixed-methods study. *Journal of the International AIDS Society*. 2022.
- †25. **Hill LM**, Davis H\*, Drewry M\*, Shelus V\*, Bartels SM\*, Gora Combs K\*, Ribisl K, Lazard AJ. Barriers to and facilitators of COVID-19 prevention behaviors among North Carolina residents. *Health Education & Behavior*. 2022.
24. Saidi F, Mutale W, Freeborn K, Rosenberg NE, Graybill LA\*, Maman S, Amico KR, Mollan KR, Phanga T, Milala B, **Hill LM**, Gottwalt AM, Phiri S, Kalua T, Chi BH. Evaluating a combination adherence strategy to support HIV antiretroviral therapy and pre-exposure prophylaxis adherence during pregnancy and breastfeeding: protocol for a pair of pilot randomized trials. *BMJ Open*. 2021.
- †23. **Hill LM**, Saidi F, Freeborn K, Amico KR, Rosenberg NE, Maman S, Phanga T, Tsidya M, Chirwa S, Mutale W, Chi BH. Tonse Pamodzi: Developing a combination adherence strategy to support adherence to antiretroviral therapy and HIV pre-exposure prophylaxis during pregnancy and breastfeeding. *PLOS ONE*. 2021.
22. Bartel SM\*, Gora Combs K\*, Lazard AJ, Shelus V\*, Davis H\*, Rothschild A\*, Drewry M\*, Carpenter K\*, Newman E\*, Goldblatt A\*, Dasgupta N, **Hill LM**, Ribisl KM. A rapid message testing model for public health emergencies: Model description and case study of COVID-19 in North Carolina. *Public Health Reports*. 2021.
- †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. The effects of a cash transfer intervention on sexual partnerships and HIV in the HPTN 068 study in South Africa. *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

†Young A,\* Catlett M\*, Saidi F, Phanga T\*, Tseka J, Maman S, Pearce LD, Mutale W, Chi BH, Golin CE, **Hill LM**. PrEP misperceptions and their impact on PrEP adherence among pregnant women in Lilongwe, Malawi. *AIDS & Behavior*.

†**Hill LM**, Golin CE, Saidi F, Phanga T\*, Tseka J, Young A\*, Pearce LD, Maman S, Chi BH, Mutale W. PrEP decision making values and their association with retention in care and adherence among pregnant women in Lilongwe, Malawi. *JAIDS*.

Mutale W, Saidi, F, Graybill LA, Phanga T, Mollan KR, Amico KR, Freeborn K, Rosenberg NE, **Hill LM**, Maman S, Chi BH. Evaluation of a combination adherence strategy to support HIV antiretroviral therapy for pregnancy and breastfeeding in Malawi: A pilot randomized clinical trial. *PLOS ONE*.

†**Hill LM**, Allison O\*, Adeniran O\*, Jones M, Ayangeakaa S\*, Stancil T, Phillips-Weiner KJ, Lightfoot AF, McKellar MS, Golin CE. PrEP knowledge and perceptions among women living in North Carolina public housing communities. *AIDS & Behavior*.

### In Preparation

†Young A\*, Saidi F, Phanga T\*, Tseka J, Maman S, Pearce LD, Mutale W, Chi BH, Golin CE, **Hill LM**. Male partner involvement in pregnant women's decision making about PrEP in Lilongwe, Malawi.

†Phanga T\*, Saidi F, Tseka J, Maman S, Pearce LD, Mutale W, Chi BH, Golin CE, **Hill LM**. Anticipated stigma among pregnant women initiating PrEP in Lilongwe, Malawi.

†Ayangeakaa S\*, Allison O\*, Adeniran O\*, Stancil T, Phillips-Weiner KJ, Burns CM, McKellar MS, Golin CE, **Hill LM**. PrEP stigma and its impact on PrEP attitudes and norms among women living in public housing communities.

†**Hill LM**, Keshishian H\*, Isiaq A\*, Allison O\*, Amola-Hill K, Jones M, Golin CE. A mental health needs assessment in North Carolina Public housing communities.

### 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-Saharan Africa. 2013.

### REFEREED PRESENTATIONS

**Hill LM**, Allison O, Adeniran O, Jones M, Ayangeakaa S, Stancil T, Phillips-Weiner KJ, Lightfoot AF, McKellar MS, Golin CE. PrEP knowledge and perceptions among women living in North Carolina public housing communities. APHA Conference. October 2024.

Ayangeakaa S, Allison O, Adeniran O, Jones M, Stancil T, Phillips-Weiner KJ, Burns C, McKellar MS, Golin CE, **Hill LM**. A qualitative exploration of the impact of various stigmas on women's attitudes toward pre-exposure prophylaxis (PrEP).. APHA, October 2024.

Phanga T, Young AM, Saidi F, Tseka J, Bula A, Mmodzi P, Pearce LD, Maman S, Golin CE, Mutale W, Chi BH, **Hill LM**. Male Partners' Support and Influence on Pregnant Women's Oral Pre- Exposure Prophylaxis Use and Adherence in Malawi. National AIDS Council Research and Best Practices Dissemination Conference. Lilongwe, Malawi, September 2023.

Agarwal H, Dhawan G, **Hill LM**, Dube K, Knoble A. Perceptions and Experiences of Daily and Long-Acting Pre-Exposure Prophylaxis (PrEP) among Men Having Sex with Men (MSM) in India – A Qualitative Interview Study. International AIDS Society Meeting in Brisbane, Australia, July 2023.

Hamoonga TE, Mutale W, **Hill LM**, Igumbor J, Chi BH. “PrEP protects us”: Behavioural, normative, and control beliefs influencing PrEP uptake among pregnant and breastfeeding women in Zambia. International Workshop on HIV & Pediatrics 2022 in Montreal, Canada, July 2022.

Chi BH, Saidi F, Graybill L, Mollan K, Phanga T, Amico KR, Freeborn K, Rosenberg N, **Hill LM**, Kalua T, Phiri S, Mutale W. Combination adherence support for HIV pre-exposure prophylaxis (PrEP) during pregnancy in Malawi: a pilot randomized trial. International Workshop on HIV & Pediatrics 2022 in Montreal, Canada, July 2022.

Golin CE, Rosen E, Ferguson E, Perry R, Poliseno A, Munson A, Davis A, **Hill LM**, Keys J, White N, Farel CE, Kashuba A. Implementing MedViewer for Daily Adherence Feedback: How feasible and acceptable is use of a Novel Hair-based Antiretroviral Clinical Monitoring Tool during busy clinical encounters? Adherence 2022 Conference in Washington, D.C., July 2022.

Ferguson E, Golin CE, Rosen E, Perry R, Poliseno A, Munson A, Davis A, **Hill LM**, Keys J, White N, Farel CE, Kashuba A. Appropriateness of intervention components to integrate objective adherence monitoring into clinical practices among HIV-infected adults: lessons learned from Project ENLIGHTEN. Adherence 2022 Conference in Washington, D.C., July 2022.

**Hill LM**, Davin K, Phillips-Weiner J, Golin CE. Developing an online decision support approach to promote PrEP awareness and demand among cisgender women in the Southeastern US. Centers for AIDS Research Social and Behavioral Sciences Research Network Conference, Philadelphia, Pennsylvania, May 2022.

**Hill LM**, Graybill L, Mollan K, Golin CE, Maman S, Pearce LD, Phanga T, Mutale W, Chi BH. Values for PrEP decision making and their association with PrEP adherence among pregnant women in Lilongwe, Malawi. 11th International AIDS Society Conference on HIV Science in Berlin, Germany [Virtual Meeting], July 2021.

**Hill LM**, Maseko B, Chagomerana M, Hosseinipour MC, Bekker L-G, Pettifor A, Rosenberg NE. Operationalizing the PrEP cascade: HIV risk, risk perception, and PrEP interest among adolescent girls and young women in Lilongwe, Malawi. 2020 National CFAR Meeting and Scientific Symposium in San Diego, California [Virtual Meeting], November 2020.

**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 [Virtual Meeting], 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. 13<sup>th</sup> 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. 13<sup>th</sup> 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.

## **INVITED TALKS**

---

"Formative research to support PrEP decision making in pregnancy." Talk presented at the "Prepping for PrEP: Formative Research in Global Settings" hosted by the UNC Gillings School of Global Public Health, Department of Health Behavior. October 2023.

"PrEP decision making in pregnancy." Talk presented to the Johns Hopkins CFAR International Adolescents and Young Adults Working Group. February 2023.

"Supporting PrEP decision making in pregnancy." Talk presented as part of the CFAR-wide webinar: Tools to Support PrEP Decision Making. January 2023.

"Developing Digital Decision Aids." Talk presented for the UNC Department of Urology. October 2022.

"Decision aids for PrEP use during pregnancy." Talk presented to the PrEP in Pregnancy Working Group. August 2022.

"Introduction to Qualitative Research Methods." Talk presented for the Sub-Saharan Africa Regional Partnership (SHARP) for Mental Health Capacity Building Program. November 2020.

"Strengths and Challenges in the Implementation of Women's Justice and Empowerment Initiative." Talk presented to the United States Agency for International Development. April 2013.

## **TEACHING**

---

### **Courses**

*Spring 2023* **Co-Instructor, HBEH 753** – Qualitative Research Methods  
UNC Dept. of Health Behavior

*Spring 2022* **Support Instructor, HBEH 753** – Qualitative Research Methods  
UNC Dept. of Health Behavior

*Spring 2020* **Co-Instructor** – UNC Project-Malawi Qualitative Research Methods Training  
UNC Project-Malawi

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

*Summer 2015* **Teaching Assistant, NR 110.202** – Biostatistics  
*- Fall 2016* 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

### **Guest Lectures**

HBEH 860: Research Proposal Development. “Career Development Awards.” Spring 2023.

HBEH 812: Professional Development. “Career pathways and research in academia.” Fall 2022.

HBEH 715: Communication for Health-Related Decision Making. “Developing Patient Decision Aids.” Spring 2022.

SPHG 190: Special Topics in Public Health. “Promoting Effective Use of Antiretroviral Medications for HIV Treatment and Prevention.” Spring 2022.

HBEH 813: Professional Development. “Preparing for the job market.” Spring 2021, Spring 2020.

HBEH 812: Professional Development. “Career pathways and research in academia.” Fall 2020.

HBEH 752: Program Evaluation. “Introduction to Process Evaluation.” Fall 2017.

HBEH 813: Professional Development. “Preparing for PhD year 3 and beyond.” Spring 2017.

### **GRANTS**

---

#### **Ongoing**

##### **Gillings Innovation Lab**

Hill (PI)

12/2023-11/2025

*Harnessing large language models to bring shared decision-making counseling for HIV prevention to scale*  
Access to initial self-administered shared decision making (SDM) counseling has the potential to promote PrEP use among women with few additional resources. Specially trained chatbots could greatly increase the usability of self-administered counseling tools by making them more intuitive and less time-consuming to use. They may also increase users’ comfort asking questions on stigmatized topics related to HIV risk. To realize this potential, we will build on an existing digital PrEP SDM tool developed by our team (ShesPrEPared), and adapt the core features (values clarification, structured deliberation) to include a chatbot. We will: 1) Develop the ShesPrEPared chatbot harnessing an existing large language model trained as a domain-specific model for PrEP, collaborating with end users to design key features in a design thinking approach; 2) Usability test the ShesPrEPared chatbot to iteratively refine this new function; 3) Conduct a feasibility pilot of the ShesPrEPared tool+chatbot to assess the acceptability and feasibility of its use for initial PrEP decision counseling.



Role: Principal Investigator  
\$100,000 total costs

**NIH UG1** Ahmed (PI) 9/2023-5/2028  
*VITAL (Video to Inspire Treatment Adherence for Life) Start for Adolescents (VS4A): A brief video-based intervention to improve retention and adherence among adolescents living with HIV*

The 1.6 million adolescents living with HIV (ALHIV) globally are in urgent need of interventions to help improve retention, adherence, viral load suppression and clinical outcomes. VITAL Start for Adolescents (VS4A) is a brief facility-based video intervention package for adolescents living with HIV. The study will 1) adapt and refine a theory-based intervention with preliminary evidence of effectiveness; 2) test the intervention in a cluster randomized controlled trial in Malawi for implementation and effectiveness outcomes, and 3) examine costs, cost-effectiveness, scale and sustainability.

Role: Co-Investigator  
\$359,039 total costs (subcontract)

**NIH RCMI Administrative Supplement** Fortune (PI) 9/2023-8/2025  
*Adapting a community-based PrEP program for HBCU women*

We will adapt and beta test the IFE4Her intervention for young women attending HBCUs. We will conduct a mixed-methods formative study with current HBCU students in North Carolina to adapt the IFE4Her intervention components including: 1) A peer-networker communication approach to promote PrEP awareness; 2) A mobile clinic model providing convenient access to PrEP services. With a panel of HBCU co-designers, we will conduct a series of co-design workshops to rapidly iterate and beta test intervention components. The results of this study will serve as the basis for a future grant proposal to conduct a pilot randomized trial of the IFE4Her intervention adapted for women attending HBCUs.

Role: Co-Investigator  
\$300,000 direct costs

**NIH CFAR Admin Supplement** Swanstrom & Adimora (PI); Hill (Supplement PI) 6/2023-5/2024  
*Long-acting PrEP shared decision making for pregnant and breastfeeding women: A feasibility pilot study*

Long-acting Pre-exposure prophylaxis (LA-PrEP) methods are promising emerging tools for the prevention of HIV acquisition during pregnancy and the postpartum period. Yet, few strategies exist to promote person-centered shared decision-making (SDM) about the choice between LA-PrEP, daily oral PrEP, and competing behavioral prevention methods despite the complexity of this decision and the importance of shared decision-making for medication adherence. To address this gap, we will conduct a pilot feasibility study of a shared decision making intervention to: 1) evaluate the acceptability and appropriateness of delivering the LA-PrEP SDM intervention in the context of antenatal clinics in Lilongwe, Malawi; 2) assess the feasibility of study procedures in preparation for a future effectiveness trial.

Role: Supplement Principal Investigator  
\$150,000 direct costs

**NIH R21** Wohl & Ogbuagu (PI) 2/2023-1/2025  
*HIV PrEP Perspectives of Liberian Adolescent Girls and Young Women and their Providers*

Pre-Exposure Prophylaxis (PrEP) is becoming increasingly available in sub-Saharan Africa (SSA) and as a highly effective and efficacious intervention for HIV prevention holds promise for those most at risk of infection including adolescent girls and young women (AGYW). We propose to obtain an in-depth understanding of the PrEP perceptions and preferences among urban and rural AGYW in Liberia, and their male partners and healthcare providers. Following the Intervention Mapping framework of intervention development, the collected data will be used and applied by the nation's public health leadership as they develop preference sensitive PrEP programming. This work will serve as an enduring roadmap for PrEP in Liberia including daily oral PrEP, as well as potential future modes of PrEP including long-acting, intermittently administered agents.

Role: Co-Investigator  
\$380,179 total costs

**UNC Junior Faculty Development Award** Hill (PI) 1/2023-12/2023  
*Understanding and Promoting Mental Health in Durham Public Housing Communities*

Individuals living in public housing communities face disproportionate risk of mental illness, particularly anxiety, depression, and post-traumatic stress disorder. To address this disparity, mental health promotion approaches that are not only efficacious but also deliverable in the context of public housing communities must be identified. To achieve this goal, we seek to understand population-specific determinants of mental health must and identify community value-driven interventions targeting these determinants among residents of Durham Housing. We will work with a longstanding Community-Academic Partnership between UNC researchers, Durham public housing residents and administrators, and community organization representatives to steer the course of the study through community-participatory methods.

Role: Principal Investigator

\$10,000 total costs

**Bill & Melinda Gates Foundation**

Holmes (PI)

12/2022-11/2023

*Using Implementation Science to Accelerate a Path to Scale for CAB-LA in Malawi*

This is a proposal for demonstration project to introduce long-acting injectable cabotegravir (CAB-LA) for HIV pre-exposure prophylaxis in Lilongwe and Blantyre, Malawi and optimize the delivery of CAB-LA at the clinic and health system level.

Role: Co-Investigator

**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

\$903,439 total costs

**Gilead Sciences**

Golin & Hill (PI)

4/2021-4/2025

*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

\$458,731 total costs

**Pending**

**NIH R34**

Hill (PI)

*Developing an online decision support approach leveraging social media to promote PrEP awareness and demand among cisgender women in the Southeastern US*

Pre-exposure prophylaxis (PrEP) is a powerful tool for HIV prevention that is underutilized by cisgender women in the US; gaps in PrEP use proportionate to need are especially severe among young women in the Southeastern US. To address the major barriers of awareness and misperceptions about appropriateness among women, we propose to develop and pilot test a woman-tailored PrEP decision support website and develop a social media targeting strategy to disseminate the website. The results of this study have the potential to provide a wide-reaching and highly scalable approach to promote PrEP awareness and uptake among cisgender women with indications of HIV risk.

Role: Principal Investigator

\$693,028 total costs

**NIH R34**

Hill (PI)

*Developing a Scalable Approach for PrEP Shared Decision Making in Pregnancy*

An expanding menu of pre-exposure prophylaxis (PrEP) methods represents an opportunity to dramatically reduce HIV infections among pregnant and breastfeeding women in subSaharan Africa, but shared decision making (SDM) about their use is essential to identify appropriate users and promote persistence and prevention effective use. Traditional approaches to SDM may be difficult to scale in low-resource settings, yet few lower-burden options exist. The proposed study aims to adapt the existing MyChoice SDM intervention to video format and conduct a feasibility pilot study of alternative versions of the MyChoice intervention (counselor only, video only, video + counselor) to inform planning for future implementation and research.

Role: Principal Investigator

\$691,542.00 total costs

### **Completed**

**University of North Carolina Center for AIDS Research Hill (PI)**

12/2020-11/2022

*Developing an Online PrEP Shared Decision-Making Aid for US Women*

The purpose of this study is to develop and user-test an online shared decision-making aid for women who may be candidates for PrEP for HIV prevention. We will develop this decision aid using a combination of methods grounded in both traditional behavioral research and human-centered design (HCD) through two phases of research: 1) We will interview clinicians and female patients from STI and PrEP clinics in the NC Triangle area to understand PrEP decision-making needs and values, and to gather feedback on the content and delivery of the online tool; 2) We will prototype the decision aid using RTI's Semblie platform and conduct user-experience testing to rapidly refine and iterate the tool.

Role: Principal Investigator

\$20,000 total costs

**NIH/NIAID: R01 AI131060**

Chi & Mutale (PI)

06/2019 - 11/2022

*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: Co-Investigator

\$2,470,836 total costs

**NIH/NIAID: R01 AI122319**

Kashuba & Rosen (PI)

07/2017 - 12/2022

*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: Co-Investigator (07/2019 – present); Postdoctoral Research Associate (07/2017 – 06/2018)

\$4,878,919 total costs

**NC TraCS Pilot Award: 2KR1151906**

Hill (PI)

10/2019 - 04/2021

*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 - 12/2020

*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

**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: 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

## **MENTORSHIP ACTIVITIES**

\*Funded by my sponsored research

### **Postdoc Mentorship**

Suur Ayangeakaa, PhD. Cecil G Sheps Center for Health Services Research, UNC Chapel Hill, Post-doctoral Mentor, 2020-2022.

Erika Gazzetta, MD. UJMT LAUNCH Program, UNC Chapel Hill, Research Mentor, 2024-2025.

### **PhD Students**

\*Carlie Sulpizio. Department of Health Behavior, Gillings School of Global Public Health. Academic Advisor and RA supervisor. Fall 2023-present.

\*Alinda Young. Department of Maternal and Child Health (Health Behavior Minor), Gillings School of Global Public Health. Health Behavior Minor Advisor and RA supervisor. 2021-present.

Committee Member: *The triple burden: Investigating the interplay of Pregnancy, HIV, and mental well-being among adolescent girls and young women in Zambia*

Virginia Savage. Department of Health Behavior, Gillings School of Global Public Health. Dissertation

Committee Member: *Stress, Social Cohesion, and Mental Health among Female Sex Workers Living with HIV.* 2021-present.

Sable Watson. Department of Health Behavior, Gillings School of Global Public Health. Dissertation Committee

Member: *Examining influences on physical activity behaviors and quality of life among adults living with HIV.* 2020-present.

### **MPH Students**

<b>Student Name</b>	<b>Program</b>	<b>Advisor's Role</b>	<b>Period</b>
Hope Neuling	Global Health MPH	Academic Advisor	2020-2022
Destiny James	Health Behavior MPH	RA Supervisor	Spring 2021
*Marley Catlett	Health Behavior MPH	Practicum Preceptor & RA Supervisor	2021-2022
*Katherine Davin	Health Behavior MPH	Practicum Preceptor & RA Supervisor	2021-2022
Oluwamuyiwa Adeniran	Health Policy MPH	RA Supervisor	2021-2022
Zach Witkin	Global Health MPH	Academic Advisor	2021-2023
Joanne Johnson	Global Health MPH	Academic Advisor	2021-2023
*Chloe Coletta	Global Health MPH	Practicum Preceptor	Summer 2022
*Olivia Allison	Health Behavior MPH	Practicum Preceptor & RA Supervisor	2022-2023
Stephany Medina-Molina	Health Behavior MPH	Academic Advisor	2022-2023
*Angela Benson	Global Health MPH	Academic Advisor & RA Supervisor Master's paper first reader	2022-2024
Radita Shams	Health Behavior MPH	Academic Advisor	2022-2024
Megan Sussman	Health Behavior MPH	Academic Advisor	2022-2024
Victoria Wierzchowski	Health Behavior MPH	Academic Advisor	2022-2024
*Helen Keshishian	Health Behavior MPH	RA Supervisor	2023-present
*Aminah Isiaq	Health Behavior MPH	RA Supervisor	2023-present

### ***MPH Capstone Teams Supervised***

2023-2024 Reid Bowman, Olivia Ojugbeli, Raven Walters, Breyana Williams, Rachel Wulff  
WHOLE Schools.

2021-2022 Lucy Ruderman, Alana Gilbert, Vanessa Amankwaa, Daniela Sostaita, Adriana Parker  
ACHIEVE Project.

### **Undergraduate Mentorship**

Victoria Nguyen (Nutrition BSPH). Research Mentor for Independent Study & RA supervisor, 2020-2021.

### **PROFESSIONAL SERVICE**

#### **National & Extramural Service**

8/23 Malawi HIV Implementation Research Scientist (MHIRST) Training Program Reviewer

5/21 DC CFAR Academic-Community Partnership Pilot Award Reviewer

#### **University Service**

4/20 - 8/20 NC DHHS COVID-19 Communication Working Group

- 
- 5/20 - 9/20 COVID-19 Public Health Education Working Group  
8/20 Carolina Collective COVID-19 crowdsourcing campaign judge

**Department & School Service**

- 09/23 - Gillings Innovation Lab - Real-World Impact advisory group  
9/21 - Global Health MPH Admissions Committee  
(*Chair 2023-2024*)  
5/21 - 7/22 Health Behavior Staff Hiring & Performance Equity Action Team  
12/20 - UNC Health Behavior – BSPH in Community and Global Public Health Curriculum Planning Group  
10/17 - 12/19 UNC School of Public Health – Causal Inference in Mediation Analysis Working Group  
9/16 - 3/17 UNC Health Behavior – Faculty Search Committee  
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  
AIDS Care  
BMC Women's Health  
Global Public Health  
Journal of Acquired Immune Deficiency Syndromes  
Journal of the Association of Nurses in AIDS Care  
Journal of the International AIDS Society  
PLOS ONE  
Sahara-J  
Social Science & Medicine