

KRISTIN M. WALL, PhD MS

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EDUCATION

PhD, Epidemiology Emory University, Rollins School of Public Health (Atlanta, GA)	Dec 2012
MS, Epidemiology Minor in Biostatistics, Concentration in Global Health The University of Texas Health Science Center, School of Public Health (Houston, TX)	Aug 2008
BS, Biomedical Engineering The University of Texas at Austin, College of Engineering (Austin, TX)	May 2006

ACADEMIC POSITIONS

Associate Professor , Department of Epidemiology Emory University, Rollins School of Public Health	Oct 2022-present
Visiting Associate Professor Emory University, College of Arts and Sciences	Nov 2016-present
Faculty Emory University, Atlanta Clinical & Translational Science Institute	May 2014-present
Assistant Professor , Department of Epidemiology Emory University, Rollins School of Public Health <i>Research track 2013-2017, Tenure track 2017-2022</i>	Jul 2013-Oct 2022
Postdoctoral Research Associate , Department of Epidemiology Emory University, Rollins School of Public Health	Jan 2013-Jul 2013

PROFESSIONAL EXPERIENCE

Independent Data Analysis Consultant Centers for Disease Control and Prevention (Atlanta, GA) Universidad Autónoma de Nuevo León, Nutrición y Salud Pública (Monterrey, México) Emory University, School of Medicine (Atlanta, GA)	Feb 2012-Dec 2012 Nov 2011-Nov 2016 Jul 2011-Sep 2012
Graduate Research Assistant Emory University, School of Medicine (Atlanta, GA)	May 2010-Sep 2012
Laboratory Research Fellow Centers for Disease Control and Prevention (Atlanta, GA)	Oct 2008-Aug 2009
Research Coordinator Baylor College of Medicine (Houston, TX)	Jan 2008-Jun 2008

Health Research Training Program Intern New York City Dept. of Health, Bureau of Communicable Disease (New York, NY)	Jun 2007-Aug 2007
Bilingual Data Collector/Interviewer University of Texas Health Science Center (Houston, TX)	Mar 2007-May 2008
Technical Scientific Writer/Editor Houston Dept. of Health and Human Services (Houston, TX)	Jan 2007-Jun 2007
Engineering Consultant Universidad Central del Caribe School of Medicine (Bayamon, Puerto Rico)	Jul 2006-Dec 2006
Undergraduate Research Assistant University of Texas, Dept. of Biomedical Engineering (Austin, TX) University of Texas, Dept. of Molecular Cell & Developmental Biology (Austin, TX)	Sep 2004-May 2006 Jan 2003-Jan 2005

AWARDS & RECOGNITION

- Inaugural Barbara Vick Impact Award nominee, 2017
- UNAIDS Science Featured Article, 2016 (for PMID: 27462093)
- Daniel R. Mishell Jr, MD Outstanding Article Award in Contraception, 2015 (for PMID: 25708502)
- National Institutes of Health (NIH) Loan Repayment Program (LRP) Award, 2013-2015, 2015-2016
- Interviews for *Medscape* and *Contraceptive Technology Update*, 2014
- Emory University Post-doctoral Fellowship Award, 2013
- Achievement Rewards for College Scientists (ARCS) Foundation Global Impact Award, 2011-2012
- Emory University Professional Development Funding, 2010-2012
- Emory University Doctoral Dissertation Research Support, 2009-2012
- American Association for Cancer Research (AACR) Scholar-in-Training Grant, 2007 & 2009
- National Institutes of Health Fogarty Fellowship in Global Health Research, 2008-2009
- University of Texas (UT) Health Science Center Golf Tournament Scholarship, 2007
- AACR-Women in Cancer Research Brigid G. Leventhal Cancer Research Award, 2007
- Public Health Traineeship Award, UT Health Science Center, 2007-2008
- Joint Molecular Imaging Conference Travel Award, Society for Molecular Imaging, 2007
- Mexican Institute of Social Security Research Grant, Monterrey, Mexico, 2006
- AACR Thomas J. Bardos Science Education Award, 2005 & 2006
- Lillian C. Ho Endowed Presidential Engineering Scholarship, UT Austin, 2005
- UT Austin Co-op Undergraduate Research Fellowship, 2004
- National Science Foundation (NSF) Louis Stokes Alliance for Minority Participation (LSAMP) Grant, 2003
- Molecular Cell and Developmental Biology UT Austin Departmental Fellowship, 2003
- Research Excellence Award, NSF-LSAMP, 2003
- UT Austin College of Engineering Honors, 2002-2006
- Lions Club 4-year Collegiate Scholarship, 2000-2004

CONTINUED PROFESSIONAL DEVELOPMENT

- NIH CFAR Early-Stage Investigator Mentoring Workshop. Chapel Hill, NC, Nov 2019
- University of Washington Fundamentals of Implementation Science course, Fall 2019
- University of Minnesota Cost-Effectiveness and Decision Modeling in R Workshop, Jul 2018

- Imperial College Introduction to Mathematical Models of the Epidemiology & Control of Infectious Diseases short course, Sept 2016
- University of Washington Network Modeling for Epidemics short course, Aug 2016

PROFESSIONAL AFFILIATIONS

- Society for Pediatric and Perinatal Epidemiologic Research (SPER) Member (2021-present)
- Society for Family Planning Fellow (2013-present)
- NIH-ACTSI Member (2013-present)
- Center for AIDS Research Member, Emory University (2012-present)
- Society for Epidemiologic Research Member (2012-present)
- International AIDS Society Member (2010-present)
- American Public Health Association Student Member (2007-2010)
- American Medical Student Association Associate Member (2007-2010)
- UT Health Science Center Student Epidemiologic Intelligence Society (2007-2008) Chair: Houston Dept of Health and Human Services Liaison
- UT Health Science Center School of Public Health Student Association Member (2007-2008)
- Faculty Sponsor, Rollins mHealth Collaboration, Emory University (2014-2019)
- American Medical Student Association AIDS Advocacy Network Board Member (2007-2009)
- UT Health Science Center Student Epidemiologic Intelligence Society Member (2007-2008)
- AACR Associate Member (2006-2010)
- Vanderbilt, Northwestern, UT Austin, and Harvard/MIT Engineering Research Center (2005-2006) Chair: Lecture Series Coordinator, UT Austin chapter
- Biomedical Engineering Society, UT Austin chapter (2002-2006)
- Science Undergraduate Research Group, UT Austin chapter (2002-2006)
- Society of Women Engineers, UT Austin chapter (2002-2006)

EDITORIAL BOARDS & PEER REVIEW

- *Guest Editor*: Exploring contraceptive implant services in low- and middle-income countries, *Frontiers in Global Women's Health* (2022)
- *Editorial Board*: BMC Research Notes (2014-2019)
- *Peer reviewer*: Epidemiology, Lancet HIV, JAIDS, Journal of the International AIDS Society, Cochrane Review, Gates Open Research, BMC Public Health, Sexually Transmitted Diseases, Sexually Transmitted Infections, PlosOne, Journal of Epidemiology & Community Health, BMC Infectious Diseases, The Journal of Women's Health, AIDS Care, Pathogens and Disease, Social Science and Medicine

UNIVERSITY COMMITTEE SERVICE

- Emory University Department of Epidemiology Faculty Search Committee Member (2021-present)
- Emory University Department of Epidemiology PhD Qualifying Exam Grader (2021)
- Emory University Evaluation and Implementation Science Group Steering Committee Member (2017-2019)
- Emory University Initiative on Innovation, Entrepreneurship, and Global Health Steering Committee Member (2017-2019)
- Emory University Women's Interagency HIV Study (WIHS) Epidemiology Working Group Member (2016-present)
- Emory University Department of Epidemiology PhD Admissions Committee Member (2013-2018, 2020-present)

NATIONAL/INTERNATIONAL COMMITTEE SERVICE

- Schistosomiasis, with a specialist interest in Female Genital Schistosomiasis (FGS), Sub-group Member, World Health Organization expanded Diagnostic Technical Advisory Group (WHO DTAG) for Neglected Tropical Diseases (July 2022-present)

GRANT REVIEW SERVICE

- Emory SCORE Grant Review Committee Member, Emory University (2021-present)
- NIH/NICHD Grant Review Committee Member, Special Emphasis Panel 'Innovative Epidemiologic approaches for understanding long-term health outcomes of HIV-exposed uninfected populations' (Oct 2019)
- Puerto Rico-IDeA Networks of Biomedical Research Excellence Program Grant Reviewer (2017, 2021)
- Emory CFAR Grant Review Committee Member, Emory University (2016-present)

SCIENTIFIC MEETING & SYMPOSIUM ORGANIZATION

- Society for Pediatric and Perinatal Epidemiologic Research (SPER) 2022 Symposium "The imperative for including pregnant women in vaccine trials: successes, challenges, and future avenues for vaccine trials in African populations" (2021-2022)
- International AIDS Vaccine Initiative Co-Enrollment Prevention Workshop, Uganda (2018)

DATA SAFETY MONITORING BOARD/INDEPENDENT DATA MONITORING COMMITTEE SERVICE

- Independent Data Monitoring Committee (IDMC) Coordinator for "A Study of a 2-dose Ebola Vaccine Regimen of Ad26.ZEBOV Followed by MVA-BN-Filo in Healthy Pregnant Women (INGABO)", ClinicalTrials.gov Identifier: NCT04556526 (2020-present)
- Voting Data and Safety Monitoring Board (DSMB) member for Jamii Bora randomized clinical trial, ClinicalTrials.gov Identifier: NCT02403583 (2019-present)

SCIENTIFIC PANEL MODERATION & SESSION CHAIR SERVICE

- Coalition for Operation Research on Neglected Tropical Diseases (COR-NTD) Technical Meeting, Session Moderator (June 2022)
- Society for Pediatric and Perinatal Epidemiologic Research (SPER) 2022 Session Chair for "The imperative for including pregnant women in vaccine trials: successes, challenges, and future avenues for vaccine trials in African populations" (May 2022)
- NIH Sexual & Gender Minority (SGM) Research Workshop, invited panel session moderator for "Establishing a Career in SGM Health Research" (May 2019)
- National LGBTQ Conference, invited session chair for "Issues in HIV" (May/Jun 2019)

TEACHING

Co-Instructor, Epidemiological Methods II (EPI 540)

Spring 2020-present

Emory University, Rollins School of Public Health, Department of Epidemiology (Atlanta, GA)

- This course provides advanced discussion of issues related to causality, bias, study design, interaction, effect modification and mediation.
- 4 credit hours, ~170 MPH/MSPH students

Instructor, Fundamentals of Epidemiology (HLTH 207)

Spring 2016-present

Emory College, Human Health Major (Atlanta, GA)

- Course topics: calculation of basic epidemiologic measures of frequency, association, and impact; study design; confounding; interaction; random and systematic error (previously HLTH 285)
- 3 credit hours, ~60 undergraduate students

Co-Instructor, Epidemiological Methods I (EPI 530)

Fall 2015-2017

Emory University, Rollins School of Public Health, Department of Epidemiology (Atlanta, GA)

- Course topics: hypothesis formulation and evaluation; techniques for quantifying population health indicators; epidemiologic study design for identifying etiologic factors and other correlates of disease; calculation of basic epidemiologic measures of frequency, association, and impact; concepts of random variability, bias, and effect modification; stratified analysis methods; inference from study results
- 4 credit hours, ~160 MPH/MSPH students

Instructor, Fundamentals of Epidemiology (CPTR 500)

Fall 2014-2017; 2019-2020

Emory School of Medicine, Certificate Program in Translational Research (Atlanta, GA)

- Course topics: calculation of basic epidemiologic measures of frequency, association, and impact; epidemiologic study design; concepts of random variability, bias, and effect modification
- 2 credit hours, ~10 Emory faculty/MDs

Teaching Associate, Epidemiologic Methods II (EPI 534)

Spring 2011

Emory University, Rollins School of Public Health, Department of Epidemiology (Atlanta, GA)

- Course topics: epidemiological concepts of confounding, effect modification and interaction, modeling techniques for epidemiological data analysis including logistic regression for matched and unmatched studies, survival analysis methods, SAS for epidemiological data analysis

Teaching Associate, Epidemiologic Methods II (EPI 530)

Fall 2010

Emory University, Rollins School of Public Health, Department of Epidemiology (Atlanta, GA)

- Course topics: introduction to epidemiology, study design, bias, effect modification and interaction, and epidemiological data analysis

GUEST LECTURES

Guest Lecture, Methods in HIV Epidemiology (EPI 546)

Spring 2017, 2018

Emory University, Rollins School of Public Health, Department of Epidemiology (Atlanta, GA)

Course directors: Drs. Travis Sanchez, Jodie Guest

Lecture entitled: "Research with HIV serodiscordant couples"

Guest Lecture, Longitudinal Data Analysis (EPI 750)

Spring 2014

Emory University, Rollins School of Public Health, Department of Epidemiology (Atlanta, GA)

Course director: Dr. David Kleinbaum

Lecture entitled: "Another multi-level modeling example: 3-levels"

MENTORSHIP

Primary PhD dissertation advisor (Chair/co-Chair)

1. Erin Rogers, PhD Candidate, Epidemiology, Emory University, 2020-present
2. Supriya Sarkar, PhD, Epidemiology, Emory University, 2015-2021

PhD dissertation committee member

1. Tyronza Sharkey, DrPH candidate, London School of Hygiene and Tropical Medicine, 2021-present
2. Enoch Chen, PhD candidate, Emory University, 2019-present
3. Claire Dillavou, PhD, UCLA, 2015-2016

Primary MPH/MSH thesis advisor

1. Jamie Humphery, MPH Candidate, Epidemiology, Emory University, 2022-present
2. Yuqing Wang, MPH Candidate, Epidemiology, Emory University, 2022-present
3. Ben O'Connell, MPH Candidate, Epidemiology, Emory University, summer 2022-present
4. Oumaima Kaabi, MPH Candidate, Global Epidemiology, Emory University, 2021-2022
5. Leah Loerinc, MD and MPH Candidate, Epidemiology, Emory University, 2021-2022
6. Katiana Bougouma, MPH, Epidemiology, Emory University, 2020-2021
7. Hannah Wichmann, MD and MPH, Epidemiology, Emory University, 2020-2021
8. Ayano Annis, MPH, Epidemiology, Emory University, 2018-2020
9. Amy Zhang, MPH, Epidemiology, Emory University, 2018-2020
10. Sarah Connolly, PhD and MS, Emory University, 2016-2020
11. Sydney Archer, MD/MPH, Epidemiology, Emory University, 2017-2019
12. Mariam Tounkara, MPH, BSHE, Emory University, 2017-2019
13. Nidaa Ekram, MPH, Epidemiology, Emory University, 2017-2019
14. Vanessa DaCosta, MPH, Epidemiology, Emory University, 2016-2018
15. Shideh Ebrahim-Zadeh, MPH, Epidemiology, Emory University, 2016-2018
16. Sarah Bonaparte, MPH, Epidemiology, Emory University, 2016-2018
17. Katie Tote, MPH, Epidemiology, Emory University, 2016-2018
18. Amedee Ngarukiye, MPH, BSHE, Emory University, 2016-2018
19. Anum Kahn, MPH, Epidemiology, Emory University, 2016-2018
20. Megan Franczek, MPH, Epidemiology, Emory University, 2016-2018
21. Dante Bugli, MPH, Global Epidemiology, Emory University, 2017
22. Emeli Anderson, MPH, Epidemiology, Emory University, 2015-2017
23. Meredith Wesley, MPH, Epidemiology, Emory University, 2015-2017
24. Tess Palmer, MPH, Epidemiology, Emory University, 2015-2017
25. Ryan Burke, MPH, Epidemiology, Emory University, 2015-2017
26. Catherine Nguyen, MPH, Epidemiology, Emory University, 2016
27. Manka Banda, MPH, Epidemiology, Emory University, 2016
28. Megan Schroeder, MPH, Global Health, Emory University, 2015-2016
29. Gelsey Hughes, MPH, Global Health, Emory University, 2014-2016
30. Wei Kan, MPH, Epidemiology, Emory University, 2014-2016
31. Timothy Nielsen, MPH, Epidemiology, Emory University, 2014-2016
32. Katherine Michel, MPH, Epidemiology, Emory University, 2014-2016
33. Jyotsna Sita Ramachandran, MPH, Epidemiology, Emory University, 2014-2016
34. Valerie Raziano, MPH, Epidemiology, Emory University, 2014-2016
35. Ashley Smoots, MPH, Epidemiology, Emory University, 2014-2016
36. Nekabari Sigalo, MPH, Epidemiology, Emory University, 2013-2015
37. Preeti Ravindhran, MPH, Epidemiology, Emory University, 2013-2015
38. Udodirim Onwubiko, MPH, Epidemiology, Emory University, 2013-2015
39. Enoch Chen, MPH, Epidemiology, Emory University, 2013-2015

MPH/MSPH thesis committee member

1. Jessica Li, MD, MSCR, Emory University, 2016-2019
2. Rewa Choudhary, MD, MS, Emory University, 2016-2018

3. Karmen Unterwegner, MPH, Global Health, Emory University, 2015-2017
4. Amelia Mazzei, MPH, Global Health, Emory University, 2015-2017
5. Kadija Fofana, MPH, University of Georgia, 2014-2015
6. Amanda Deen, MPH, Epidemiology, Emory University, 2014-2015
7. Andrea Danielle Brown, MPH, Epidemiology, Emory University, 2013-2015
8. Ana Maria Visoiu-Knapp, MPH, Global Health, Emory University, 2013-2014

Post-doctoral students

1. Jinha Lee, Post-doctoral student, 2017-2018

Research mentorship (non-thesis/dissertation)

1. Lyzberthe Chery, MPH Global Field Experience advisor, Global Health, Emory University, 2022
2. Clary Herrera, MPH Global Field Experience advisor, Global Epidemiology, Emory University, 2021
3. Melanie Maino, MPH Global Field Experience advisor, Global Epidemiology, Emory University, 2021
4. Justin Juan, MD, Discovery advisor, School of Medicine, Emory University, 2018-2022
5. Julie Smith, MPH Global Field Experience advisor, Epidemiology, Emory University, 2017-2019
6. Mariam Tounkara, MPH Global Field Experience advisor, BSHE, Emory University, 2017-2019
7. Emeli Anderson, PhD Candidate, Research Assistantship, Emory University, 2017-2021
8. Syriya Sarkar, PhD Candidate, Research Assistantship, Emory University, 2016-2020
9. Victoria Umutoni, BS Emory Human Health, Directed Study, 2017-2018
10. Ellen Mork, MPH summer practicum advisor, University of Michigan, 2016-2018
11. Vanessa DaCosta, MPH Global Field Experience advisor, Epidemiology, Emory University, 2016-2018
12. Matt Masters, MPH Global Field Experience advisor, Epidemiology, Emory University, 2016
13. Lauren Ahlschlager, MPH Global Field Experience advisor, Epidemiology, Emory University, 2015-2016
14. Kadija Fofana, MPH practicum advisor, University of Georgia, 2014-2015
15. Enoch Chen, MPH Global Field Experience advisor, Epidemiology, Emory University, 2014
16. Sarah Anderson, MPH summer practicum advisor, Karolinska Institutet, 2013-2014

RESEARCH SUPPORT

Ongoing Research Support

NIH-CFAR Administrative Supplement P30 AI050409-10 Kalokhe, Colasanti 8/1/21-7/31/22
Bringing the Clinic to the Community: A Pilot Feasibility Study of Two Community-based HIV Care Models Designed to Engage and Retain Out-of-care People with HIV
 Pilot evaluation to examine effectiveness of two community-based HIV care delivery models (i.e., home-based HIV care; mobile HIV clinic) to reengage and retain people living with HIV in care.
 Role: Co-Investigator

NIH/NICHD R01HD101600 Wall (PI) 7/1/21-3/1/26
Implementation and evaluation of a large-scale postpartum family planning program in Rwanda
 We propose an implementation science framework to test the hypothesis that a novel post-partum family planning service delivery model is adaptable to large-scale implementation, cost-effective, and sustainable. (\$2,643,555 award)

Coalition for Epidemic Preparedness Innovations (CEPI) Karita (PI) 7/1/20-12/1/22
A Phase 3 open-label randomized clinical trial to evaluate the safety, reactogenicity and immunogenicity of a 2-dose Ebola vaccine regimen of Ad26.ZEBOV followed by MVA-BN-Filo in healthy pregnant women

The goal of this trial is to assess adverse outcomes in pregnant women and neonates/infants born to women randomized to receive the 2-dose Ebola vaccine regimen versus no vaccination.

Role: Co-Investigator

NIH-Centers for Disease Control 1U01PS005181-01 Sullivan (PI) 9/1/17-4/1/22

Engaging African American and Latino MSM for HIV Testing and Prevention Services through Technology

Black and Hispanic MSM are the most heavily impacted risk groups in the US HIV epidemic, but past studies have illustrated challenges with recruiting these men to uptake routine HIV testing. We propose a comparative effectiveness study to evaluate the relative performance of two strategies – each based on an innovative, established internet-based platform – to promote HIV testing among Black and Hispanic MSM.

Role: Co-Investigator

NIH/NIMH ATN-RFP170127 Siegler, Mena (MPI) 9/1/17-5/31/22

RuralPrEP: Testing an electronic PrEP initiation and maintenance home care system

This clinical trial assesses whether providing telemedicine PrEP to MSM in rural areas from centralized facilities leads to improved uptake and maintenance in care relative to standard of care referral.

Role: Co-Investigator

NIH/NIMH R01MH114692 Siegler, Mayer (MPI) 8/1/17-6/30/22

Making it last: A randomized, controlled trial of a home care system to promote persistence in PrEP care

The proposed study is a clinical trial to determine whether a home care system for HIV PrEP, compared to standard of care in-person visits, will have higher levels of maintenance in PrEP care at one-year follow-up.

Role: Co-Investigator

Completed Research Support

NIH/NIAID HHSN272201400004C Orienstein (PI) 5/1/20-5/27/22

Natural History of SARS-CoV-2 in comparison in influenza A virus: a multi-site study focused in the Southern Hemisphere and equatorial regions

This study aims to document clinical outcomes and risk factors for severe disease in individuals with SARS-CoV-2 infection, define virologic features of SARS-CoV-2 infection, and define the magnitude, quality and longevity of immune responses to SARS-CoV-2.

Role: Co-Investigator

Wellcome Trust & UK Department for International Development Karita (PI) 9/1/19-8/31/22

Umurinzi Ebola Vaccination Campaign in Rwanda

Umurinzi is an implementation program to vaccinate 200,000 non-pregnant Rwandan adults and children near the Congolese border. This program sponsored by the Rwanda Ministry of Health.

Role: Co-Investigator

UK Department for International Development 209D Wall (PI) 3/31/22-6/30/22

Supplement: Improving female genital schistosomiasis diagnosis within comprehensive reproductive health services

The goal of this supplement is to readminister colposcopy exams to n=40 women found to have female genital schistosomiasis in our parent study to evaluate post-treatment lesion resolution. (\$44,278.85 award)

BroadReach-PEPFAR South Africa Wall, Joseph-Davey (MPI) 11/1/20-11/1/21

Pilot study of secondary distribution of HIV self-screening tests by women with HIV: An innovative strategy to improve testing, identification, and linkage to treatment of men in South Africa

This study will evaluate acceptability, barriers, and preliminary efficacy of secondary HIV self-screening test distribution in a randomized trial enrolling women newly diagnosed with HIV or on antiretroviral treatment in South Africa. (\$13,349 award)

UK Department for International Development 209D Wall (PI) 3/1/20-12/15/21

Improving female genital schistosomiasis diagnosis within comprehensive reproductive health services

The goal of this study is to develop and pilot test an innovative standardized diagnostic algorithm for female genital schistosomiasis and other common causes of genital ulcerative and inflammatory disease that is feasible to use in Zambian government clinics. (\$226,787.42 award)

NIH-Centers for Disease Control 1U2GGH001443-01 Allen (PI) 7/1/15-12/31/19

Implementing Evidence-Based Prevention Interventions for Key Populations in the Republic of Rwanda under the President's Emergency Plan for AIDS Relief (PEPFAR)

The major goal of this project is to implement evidence-based HIV prevention interventions in key populations, including female sex workers (FSWs) and men who have sex with men (MSM).

Role: Co-Investigator

HIV Vaccine Trials Network OPP1165951 Allen (PI) 9/1/17-7/29/19

HVTN 705/HPX2008: A multicenter, randomized, double-blind, placebo-controlled phase 2b efficacy study of a heterologous prime/boost vaccine regimen of Ad26.Mos4.HIV and aluminum phosphate-adjuvanted Clade C gp140 in preventing HIV-1 infection in women in sub-Saharan Africa

This phase 2b HIV vaccine clinical trial will enroll approximately 320 women into the HVTN705/HPX2008 study conducted at the Zambia Emory HIV Research Project in Lusaka and Ndola, Zambia.

Role: Co-Investigator

Woodruff Health Science Center Synergy Award Wall, Haddad, Phillips (MPI) 11/1/16-7/30/19

Evaluation of an intervention to increase post-abortion LARC uptake: A randomized controlled trial of educational and financial counseling prior to clinical presentation

This study tests the hypothesis that a brief intervention to increase education about long acting reversible contraception (LARC) plus financial counseling prior to an abortion can increase immediate uptake of LARC after abortion. (\$100,000 award)

NIH NIMH 1K01MH107320-01A1 Wall (PI) 2/23/16-1/31/20

Improving allocation of limited HIV prevention and treatment resources in Zambia

Like many countries in sub-Saharan Africa, Zambia has yet to optimally allocate limited HIV program resources to maximize health benefits. A combination of disease modeling, optimization modeling, and quantitative and qualitative health policy methodologies will be employed to determine a rational and realistic approach to better allocate HIV prevention and treatment resources in Zambia (Mentors: Drs. Phaedra Corso, David Holtgrave, Ron Brookmeyer, Arielle Lasry, Susan Allen, Gordon Streeb). (\$514,845 award)

Emory Center for AIDS Research (CFAR)-K Supplement P30 AI050409 Wall (PI) 8/1/17-7/31/19

Improving allocation of limited HIV prevention and treatment resources in Zambia

Zambia, a country in the midst of a devastating HIV/AIDS epidemic, has benefited from the development and implementation of evidence-based HIV treatment and prevention interventions. However, like many countries in sub-Saharan Africa, Zambia has yet to optimally allocate limited HIV program resources to maximize health benefits. A combination of disease modeling, optimization modeling, and quantitative and qualitative health policy methodologies will be innovatively employed to determine a rational and realistic approach to better

allocate HIV prevention and treatment resources in Zambia. (\$40,000 award)

University Research Council Grant URCGA16872456 Wall, Haddad (MPI) 5/1/17-1/31/19

Interdisciplinary development of an intervention to improve postpartum IUD/implant services in Rwanda

In this study, we will evaluate knowledge, attitudes, and practices related to postpartum implant at the systems-level and the client-level in Rwanda, evaluate current infrastructure and procedures for postpartum implant services and combine these results with those from the Gates Grand Challenge Exploration Award to develop a combination postpartum IUD/implant intervention. (\$39,050 award)

Gates Grand Challenge Exploration Award ID OPP1160661 Wall (PI) 11/1/16-12/31/18

Improving post-partum intrauterine device services in Rwanda

Rwanda is committed to reducing unmet need for family planning, particularly among postpartum women. However, despite capacity building and interest, demand for post-partum intrauterine device (IUD) services in Rwanda remains extremely low. In this study, we will evaluate knowledge, attitudes, and practices related to post-partum IUD services at the health-systems and client-level to design and pilot test an intervention to increase the proportion of women wanting and receiving a post-partum intrauterine device after delivery. (\$100,000 award)

NIH NICHD R01 HD072659 Allen (PI) 8/10/12-4/30/17

IUD, implant, and condoms: sexual and perinatal HIV prevention in Rwandan couples

The goal of this study is to optimize the integration of family planning services to prevent unplanned pregnancy and perinatal HIV with CVCT.

Role: Co-Investigator

Emory MCH Faculty Pilot Grant 00054340 Wall, Christiansen-Lindquist (MPI) 10/1/15-10/1/16

Identifying disparities in patient-level barriers to the uptake and continued use of an effective contraceptive method post-abortion

The objective of this pilot study is to identify patient-level barriers to uptake and continued use of effective contraceptive methods in women seeking abortion services at the Atlanta Women's Center in Atlanta, Georgia. These findings will be used to develop provider- and/or patient-level interventions to increase the uptake and continued use of effective post-abortion contraception among women seeking to delay fertility. (\$13,696.48 award)

Emory Center for AIDS Research (CFAR)-03 P30 AI050409 Y15 Wall (PI) 9/15/14-10/15/16

Feasibility and acceptability of an electronic fingerprint-linked database among women at high risk of HIV in Lusaka, Zambia

Though longitudinal identification of patients in health care and research ensures the accuracy of collected data and enhances patient care, such identification is a challenge in much of sub-Saharan Africa. We propose to enhance the acceptability of an anonymous electronic fingerprint-linked patient identification system among female sex workers and single, sexually active women. (\$39,865 award)

NIH NIMH 5R01 MH095503 Allen (PI) 9/21/11-12/31/16

VCT with primary and concurrent partners to prevent HIV transmission

The goal of this study is to conduct formative research to explore the nature of concurrent extramarital partnerships in Rwanda and Zambia, and to develop and test the efficacy of concurrent partner counseling modules when used in addition to standard marital couples' HIV counseling.

Role: Co-Investigator

UK Department for International Development (DFID) UK202340-102 Allen (PI) 2/12/13-1/31/16

Integrating couples' voluntary counseling and testing with family planning services in Zambia

The major goal of this project is to integrate couples' family planning counseling and long-acting reversible contraceptive services with CVCT and a Good Health Package in Zambian government clinics.

Role: Co-Investigator

Emory Center for AIDS Research (CFAR)-Opportunity Award Wall (PI) 5/13/14-6/13/15

Survey of couples' voluntary HIV counseling and pre-exposure prophylaxis acceptability in Atlanta

In-depth interviews with HIV negative or untested sexual partners of HIV positive individuals receiving care in Atlanta to explore facilitators and barriers to participate in CVCT use pre-exposure prophylaxis. (\$500 award)

Canadian International Development Agency CID.1450-08863-sub Allen (PI) 10/1/10-12/31/13

Expansion of CVCT in the Copperbelt of Zambia

The goal of this study is twofold: to expand CVCT in the Copperbelt region of Zambia and to conduct a case control study to compare social and behavioral risk factors in seroconverters versus nonseroconverters.

Role: Co-Investigator

PUBLICATIONS

* Co-authored with a student (undergraduate, MPH/MSPH, or PhD) or recent graduate mentee (n=53)

1. Loerinc LB, Scheel A, Thompson AB, **Wall KM**, Gillespie SE, McCallum ME, Flowers L, Camacho-Gonzalez AF. Factors associated with anal high-grade intraepithelial lesions and carcinoma among young MSM and TW with HIV in Atlanta. *Journal of Lower Genital Tract Disease*, accepted Oct 2022.*
2. Tounkara MS, Ingabire R, Comeau DL, Karita E, Allen S, Nyombayire J, Parker R, Haddad LB, Da Costa V, Tichacek A, Mazzei A, Mukamuyango J, Wall KM. A mixed-methods study of factors influencing postpartum intrauterine device uptake after family planning counseling among women in Kigali, Rwanda. accepted Oct 2022.*
3. **Wall KM**, Lathrop E, Haddad LB. Post-abortion contraceptive prevalence rate as a sexual and reproductive health indicator. *Womens Health (Lond)*. 2022 Jan-Dec; 18:17455057221122498. doi: 10.1177/17455057221122498. PMID: 36036220.
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INVITED COMMENTARIES

109. Haddad LB, **Wall KM**. Do hormonal contraceptives affect women's susceptibility to HIV? Future Virology. 2017 12(7), 329-332.
110. **Wall K**, Allen S. Incentives to improve couples' HIV testing uptake and cost-effectiveness. Lancet Glob Health. 2017 Sep;5(9):e847-e848. PMID: 28807171.
111. **Wall K**, Kilembe W. Male partner recruitment in Malawi's option B+ programme. Lancet HIV. 2015 Nov;2(11):e456-7.

TEXTBOOKS AND CHAPTERS

1. Christiansen-Lindquist and Wall, *Fundamentals of Epidemiology*, Springer Publishing. Anticipated 2022.

INVITED TALKS

1. **Wall KM**. Improving female genital schistosomiasis diagnosis within comprehensive reproductive health services in Zambia. Coalition for Operation Research on Neglected Tropical Diseases (COR-NTD) FGS Technical Meeting, Atlanta, GA, June 7-8th, 2022.

2. **Wall KM.** Improving female genital schistosomiasis diagnosis within comprehensive reproductive health services in Zambia. The Task Force for Global Health Seminar Series, Atlanta, GA, April 5th, 2022.
3. **Wall KM.** Cost-effectiveness of PPFP services implemented in Kigali, Rwanda. PAHO/WHO. Webinar celebrating 50 yrs of PAHO: Global perspectives on the cost effectiveness of Post Partum Family Planning – relevance for the Pan American region during the COVID Pandemic. Sept 15, 2020.
4. **Wall KM.** What are strategies to increase efficiencies of PrEP and other HIV prevention interventions? AIDS Virtual Conference, Jul 6-10, 2020.
5. **Wall KM.** Cost-effectiveness of PPFP services implemented in Kigali, Rwanda. FIGO PPIUD Webinar Series. Webinar 3: Global perspectives on the cost effectiveness of Postpartum Family Planning. Jun 24, 2020.
6. **Wall KM,** Kilembe W, Vwalika B, Dinh C, Livingston P, Lee YM, Lakhi S, Boeras D, Naw HK, Brill I, Chomba E, Sharkey T, Parker R, Shutes E, Tichacek A, Secor WE, Allen S. Schistosomiasis and HIV acquisition, transmission, and death in a Zambian HIV serodiscordant couple cohort. Female Genital Schistosomiasis: Opportunities for Research. Liverpool, UK, Sept 15, 2019.
7. **Wall KM,** Haddad LB. Evaluation of an intervention to increase post-abortion LARC uptake: A randomized controlled trial of educational and financial counseling prior to clinical presentation. Emory Woodruff Health Science Center Committee Trustees Meeting. Atlanta, GA. Mar 14, 2017.
8. **Wall KM.** Use of electronic fingerprinting among female sex workers in Zambia. Innovative Uses of Technology in HIV Clinical Trials Meeting. Newark, NJ. Apr 14, 2016.
9. **Wall KM,** Kilembe W, Naw HK, Brill I, Vwalika B, Chomba E, Johnson B, Haddad L, Tichacek A, Allen S. Weighing 17 years of evidence: does hormonal contraception increase HIV acquisition risk among Zambian women in discordant couples? Daniel R. Mishell, Jr, MD Outstanding Article Award recipient presentation. North American Forum on Family Planning. Chicago IL, Nov 13-15, 2015.
10. **Wall KM.** Does hormonal contraception increase HIV acquisition risk among Zambian women in discordant couples? The Center for Health and Gender Equity (CHANGE). Hormonal Contraception and HIV: Understanding the Evidence. Webinar. May 28, 2015.
11. **Wall KM.** Weighing 17 years of evidence: Does hormonal contraception increase HIV acquisition risk among Zambian women in discordant couples? AVAC: Global Advocacy for HIV Prevention. Data and Uncertainty: Understanding updates on hormonal contraceptives and HIV. Webinar. Oct 1, 2014.

ORAL PRESENTATIONS

1. **Wall KM.** A novel algorithm to screen for female genital schistosomiasis (FGS) in Zambia. Innovation Lab, Coalition for Operation Research on Neglected Tropical Diseases (COR-NTD) Translating Research for Global Health Impact Annual Meeting. Oct 4-5, 2022.
2. **Wall KM,** Kilembe W, Vwalika B, Inambao M, Rogers E, Kabengele C, Mwangelwa S, Moonga V, Himukumbwa C, Parker P, Tichacek A, Allen S. Modeling HIV infections averted by treating urban, adult Zambian women at high-risk for HIV for female genital schistosomiasis. Oral presentation, International Workshop on HIV & Women. April 6th, 2022.
3. Joseph Davey D, **Wall K,** Naidoo N, Naidoo D, Xaba G, Serrao C, Chatikobo S, Malone T, Dovel K. High HIV-Self testing of male partners of women living with HIV in rural South Africa (ID 671). Oral presentation, CROI, Denver, CO. Feb 12-16 2022.
4. **Wall KM,** Kilembe W, Vwalika B, Tichacek A, Allen S. International Workshop on HIV Transmission 2021. Associations between schistosome infection and incident HIV not mediated by STIs or vaginal dysbioses in a longitudinal cohort of Zambian women. Session 1: Current Trends in HIV Transmission in Real-world Settings. Oral Abstract 15. Virtual Workshop Nov 9-10, 2021.
5. **Wall KM,** Karita E, Nyombayire J, Ingabire R, Mukamuyango J, Parker R, Brill I, Haddad L, Tichacek A, Allen S. Hormonal contraception and women's HIV acquisition risk in Rwandan discordant couples. NIH CFAR Inter-HIV and Women Symposium. Chicago, IL, Oct 21-22, 2019.
6. **Wall K,** Ingabire R (presenter), Da Costa V, Sinabamenye R, Umutoni V, Hoagland, Mork E, Parker R, Mukamuyango J, Haddad L, Nyombayire J, Allen S, Karita E. Evaluation of a multi-level intervention to

improve post-partum intrauterine device (IUD) services in Rwanda (2.4.8.6). 5th International Conference on Family Planning. Kigali, Rwanda, Nov 12-15, 2018.

7. **Wall KM**, Kilembe W, Vwalika B, Haddad L, Naw HK, Brill I, Vwalika C, Chomba E, Tichacek A, Allen S. Predictors of genital ulcerations in HIV-serodiscordant couples, Lusaka, Zambia. Abstract number A-854-0171-01798. 9th International AIDS Conference on HIV Science. Paris, France, Jul 23-26, 2017.
8. **Wall KM**, Kilembe W, Vwalika B, Haddad L, Naw HK, Brill I, Vwalika C, Chomba E, Tichacek A, Allen S. Sustained effect of couples' HIV counseling and testing on reducing unprotected sex among HIV serodiscordant couples. Abstract number A-792-0421-05005. 21st International AIDS Conference. Durban, South Africa, Jul 18-22, 2016.
9. **Wall KM**, Inambao M, Kilembe W, Karita E, Vwalika B, Mulenga J, Parker R, Sharkey T, Tichacek A, Hunter E, Yohnka R, Abdallah J, Allen S. Modeling the cost-per-HIV infection averted by couples' voluntary HIV counseling and testing in six African countries. Abstract number A-792-0515-04868. 21st International AIDS Conference. Durban, South Africa, Jul 18-22, 2016.
10. **Wall KM**, Kilembe W, Vwalika B, Lakhi S, Chavuma R, Haddad L, Naw HK, Brill I, Vwalika C, Mwananyanda L, Chomba E, Muelnga J, Tichacek A, Allen S. Population attributable fraction of genital inflammation and ulceration in HIV transmission in discordant couples, Lusaka, Zambia, 1994-2012. Abstract #42. 20th International Workshop on HIV Observational Databases (IWHOD). Budapest, Hungary. Apr 7-9, 2016.
11. **Wall KM**, Kilembe W, Vwalika B, Lakhi S, Chavuma R, Haddad L, Naw HK, Brill I, Vwalika C, Mwananyanda L, Chomba E, Muelnga J, Tichacek A, Allen S. Population attributable fraction of genital inflammation and ulceration in HIV transmission in discordant couples, Lusaka, Zambia, 1994-2012. Session1, Abstract 1. 10th International Workshop on HIV Transmission, Atlanta, GA, Dec 5-6, 2015.
12. Finnegan T and **Wall KM**. Reaching Vulnerable and Marginalized Populations: Electronic Fingerprints Enable Quality Care. Session #W1145GM6: Biometrics and Point-of-Care Tools. Global mHealth Forum, Washington DC, Dec 9-11, 2014.
13. **Wall KM**, Kilembe W, Naw HK, Brill I, Vwalika B, Chomba E, Johnson B, Haddad L, Tichacek A, Allen S. Hormonal contraception use and risk of female-to-male HIV transmission risk in a Zambian cohort. Abstract A-671-0008-00591. HIV Research for Prevention (R4P) 2014. Cape Town, South Africa Oct 28-31, 2014.
14. **Wall KM**, Kilembe W, Naw HK, Brill I, Vwalika B, Chomba E, Johnson B, Haddad L, Tichacek A, Allen S. Weighing 17 years of evidence: does hormonal contraception increase HIV acquisition risk among Zambian women in discordant couples? Abstract number THAC0504. 20th International AIDS Conference. Melbourne, Australia, Jul 24, 2014.
15. **Wall KM**, Inambao M, Simpungwe K, Parker R, Abdallah J, Ahmed N, Kilembe W, Tichacek A, Chomba E, Pulerwitz J, Thior I, Allen S. From efficacy to effectiveness: ART uptake and HIV seroincidence by ART status among HIV discordant couples in Zambia. Abstract number WEAC0101. 20th International AIDS Conference. Melbourne, Australia, Jul 23, 2014.
16. **Wall KM**, Inambao M, Simpungwe MK, Parker R, Abdallah J, Ahmed N, Kilembe W, Tichacek A, Chomba E, Allen S. ARV uptake and seroincidence by ARV status among HIV discordant couples in Copperbelt province, Zambia. 23rd Annual Canadian Conference on HIV/AIDS Research (CAHR). St Johns, Newfoundland, Canada, May 2014.
17. **Wall KM**, Schlachterman A, Valle F, Castillo L, Washington AV, Cubano L, Dharmawardhane SF. Analysis of the role of grape polyphenols in breast tumor progression using fluorescence whole body image analysis in a nude mouse model. Session: Imaging Cancer Gene Expression. Abstract Number: 585. Annual Joint Molecular Imaging Conference, Providence, RI, Sept 2007.

SELECTED POSTER PRESENTATIONS

1. Rogers EQ, Kilembe W, Vwalika B, Inambao M, Mwangelwa S, Kabengele C, Moonga V, Himukumbwa C, Parker R, Tichacek A, Allen S, Wall KM. Developing and validating a screening tool for female genital

- schistosomiasis within comprehensive reproductive health services in Zambia. ICOPA. Copenhagen, Denmark, August 21-26, 2022.
2. Mwangelwa S, Kabengele C, Kilembe W, Himukumbwa C, Musale V, Rogers E, Mumba K, Chanda C, Parker R, Tichacek A, Inambao M, Vwalika B, Allen S, **Wall KM**. Female genital schistosomiasis and STI prevalence among at-risk women for HIV in Zambia. Poster presentation EPC059. 24th International AIDS Conference. Montreal, Canada, July 28-August 2, 2022.
 3. Sarkar S, Bershteyn A, Jewell B, Bridenbecker D, Sharma M, **Wall KM**. Rethinking Resources for HIV Prevention: The Need for Couples-based Testing in Zambia. Poster presentation 08947. 24th International AIDS Conference. Montreal, Canada, July 28-August 2, 2022.
 4. Loerinc L, Scheel A, Thompson A, **Wall K**, Gillespie S, McCallum M, Flowers L, Camacho-Gonzalez A. Factors associated with anal dysplasia among young MSM and TW with HIV in Atlanta. Poster presentation. CROI, Denver, CO. Feb 12-16 2022.
 5. Tounkara MS, Ingabire R, Comeau DL, Karita E, Allen SA, Nyombayire J, Parker R, Haddad L, **Wall KM**. A mixed-methods exploratory study of factors that influence postpartum IUD uptake after family planning counseling among women in Kigali, Rwanda. Poster presentation at Annual Georgia Public Health Association Conference, Atlanta, GA. May 7, 2019.
 6. **Wall KM**, Karita E, Nyombayire J, Ingabire R, Mukamuyango J, Parker R, Brill I, Haddad L, Tichacek A, Allen S. Hormonal contraception and women's HIV acquisition risk in Rwandan discordant couples. NIH CFAR Meeting Early Stage Investigator Poster Session. Chapel Hill, NC, Nov 8, 2019.
 7. Ingabire R, Da Costa V, Karita E, Nyombayire J, Mukamuyango J, Sinabamenye R, Hoagland A, Mork E, Umutoni V, Parker R, Tichacek A, Haddad L, Allen S, **Wall KM**. Strategies to improve post-partum intrauterine device service uptake and follow-up in Kigali government clinics (1.080). Poster presentation. 5th International Conference on Family Planning. Kigali, Rwanda, Nov 12-15, 2018.
 8. Mork E, Ingabire R, Da Costa V, Hoagland A, Sinabamenye R, Nyombayire J, Jarman H, Allen S, Karita E, **Wall KM**. A Qualitative Analysis of Stakeholder Perspectives on Performance-Based Financing for Postpartum Long-Acting Reversible Contraception in Rwanda (7.104). Poster presentation. 5th International Conference on Family Planning. Kigali, Rwanda, Nov 12-15, 2018.
 9. **Wall KM**, Kilembe W, Inambao M, Hoagland A (presenter), Sharkey T, Malama K, Vwalika B, Parker R, Sarkar S, Hunter K, Streeb G, Mazarire C, Tichacek A, Allen S. Cost-effectiveness of Integrated HIV Prevention and Family Planning Services for Zambian Couples. Poster Presentation P07.01. HIV Research for Prevention 2018. Madrid, Spain, Oct 21-25, 2018.
 10. **Wall KM**, Kilembe W, Vwalika B, Dinh C, Livingston P, Lee Y, Lakhi S, Boeras D, Htee Khu N, Brill I, Chomba E, Sharkey T, Parker R, Tichacek A, Secor W, Allen S (presenter). Past or Active Schistosome Infection Is Associated With Incident HIV Transmission and Disease Progression Risk in Men and Women, Zambia Poster Presentation P28.01. HIV Research for Prevention 2018. Madrid, Spain, Oct 21-25, 2018.
 11. Da Costa V, **Wall KM**. Predictors of postpartum IUD interest within 6 weeks after delivery among pregnancy women and couples counselled on LARC methods in Kigali, Rwanda. Poster Presentation 1422 S/P. 51st Society for Epidemiologic Research, Baltimore, USA, Jun 18-19, 2018.
 12. West S, Joseph-Davey D, Taleghani S, Klausner H, **Wall KM**. Systematic review of safer conceptions strategies to prevent HIV in sub-Saharan Africa. Systematic review of safer conceptions strategies to prevent HIV in sub-Saharan Africa. Poster presentation. 13th AIDS Impact Conference. Cape Town, South Africa, Nov 13-15, 2017.
 13. Sarkar S, Corso P, Ebrahim-Zadeh S, Kim P, Charania S, **Wall KM**. A Systematic Review of the Cost-Effectiveness of HIV Prevention Interventions in sub-Saharan Africa. Poster presentation at the 39th Annual North American Meeting of the Society for Medical Decision Making (SMDM). Pittsburgh, PA, USA, 22-25 Oct, 2017.
 14. **Wall KM**, Rida W, Ruzagira E, Lakhi S, Karita E, Inambao M, Sanders E, Anzala O, Hunter E, Kamali A, Allen S, Tang J, Fast P, Gilmour J, Price M, The IAVI African HIV Research Network. HIV-1 Viral Control in

- a Large Cohort of African Adults with Incident HIV Infection. Abstract number A-854-0154-01776. Poster presentation. 9th International AIDS Conference on HIV Science. Paris, France, 23-26 Jul, 2017.
15. **Wall KM**, Kilembe W, Vwalika B, Haddad L, Lakhi S, Chavuma R, Htee Khu N, Brill I, Vwalika C, Mwananyanda L, Chomba E, Mulenga J, Tichacek A, Allen S. Sexual HIV transmission risk and genital abnormalities in both partners of serodiscordant couples, Lusaka, Zambia. Poster Presentation P14.05. HIV Research for Prevention 2016. Chicago, USA, Oct 17-21, 2016.
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