

KATE CLOUSE, PHD, MPH  
**Curriculum Vitae**  
Vanderbilt University School of Nursing  
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Website: <https://my.vanderbilt.edu/kateclouse/>

## **EDUCATION:**

2008-2012 University of North Carolina at Chapel Hill Gillings School of Global Public Health, Ph.D., Epidemiology  
2003-2005 University of California, Berkeley, School of Public Health. M.P.H., Health Policy and Management  
1996-1998 University of North Carolina at Chapel Hill. B.A., English  
1993-1995 New York University

## **POSTGRADUATE TRAINING:**

2012-2013 University of North Carolina at Chapel Hill Gillings School of Global Public Health, Department of Epidemiology. Postdoctoral Researcher  
Mentors: Dr. Annelies Van Rie and Dr. Audrey Pettifor

## **EMPLOYMENT:**

2021-present Associate Professor of Nursing, with tenure (primary appointment)  
Vanderbilt University School of Nursing  
2021-present Associate Professor of Medicine (secondary appointment)  
Vanderbilt Institute for Global Health  
Vanderbilt University Department of Medicine, Division of Infectious Diseases  
2020-2022 Valere Potter Distinguished Dean's Faculty Fellow  
Vanderbilt University School of Nursing  
2018-2021 Assistant Professor of Nursing  
Vanderbilt University School of Nursing  
2016-present Honorary Researcher  
Faculty of Health Sciences, University of the Witwatersrand, South Africa  
2015-2021 Assistant Professor of Medicine  
Vanderbilt Institute for Global Health  
Vanderbilt University Department of Medicine, Division of Infectious Diseases  
(primary appointment 2015-2018)  
2014-2015 Research Assistant Professor of Medicine  
Vanderbilt Institute for Global Health  
Vanderbilt University Department of Medicine, Division of Infectious Diseases  
2012-2013 Postdoctoral Researcher, Department of Epidemiology  
University of North Carolina at Chapel Hill  
2010-2012 Epidemiologist/Researcher, Health Economics and Epidemiology Research Office  
(HE<sup>2</sup>RO), University of the Witwatersrand, Johannesburg, South Africa  
2010 Graduate Teaching Assistant, Department of Epidemiology  
University of North Carolina at Chapel Hill

2009-2010 Graduate Research Assistant, Department of Epidemiology  
University of North Carolina at Chapel Hill

2008 Data Review Manager, Reproductive Health and HIV Research Unit (now WRHI)  
University of the Witwatersrand, Johannesburg, South Africa

2006-2008 Research Analyst, Women's Global Health Imperative  
University of California, San Francisco

2004-2005 Graduate Student Researcher, Women's Global Health Imperative  
University of California, San Francisco

2004 Graduate Student Intern, Reproductive Health & HIV Research Unit (now MatCH),  
Durban, South Africa

### **HONORS and AWARDS:**

2021 Vanderbilt University School of Nursing Dean Colleen Conway-Welch Faculty Award  
for Teaching

2020 Vanderbilt University School of Nursing Valere Potter Distinguished Dean's Faculty  
Fellow

2020 Vanderbilt University School of Nursing Dean's Award for Recognition of Faculty  
Achievement in Research Endeavors

2014 Selected for the NIH Centers for AIDS Research (CFAR) Social and Behavioral  
Science Research Network (SBSRN) Mentoring Day

2013 UNC Gillings School of Global Public Health's Greenberg Award for Excellence in  
Doctoral Research

2012, 2014 CROI Young Investigator Award

2011 UNC Department of Epidemiology Rebecca James Baker Scholarship

2011, 2012 International AIDS Society Conference International Scholarship

2010 UNC Center for Global Initiatives Pre-Dissertation Award

2008-2008 FHI 360-UNC Fellowship

2007 UCSF School of Medicine STAR Award

2004 UC Berkeley School of Public Health Alumni Association Patricia Buffler Scholarship

2004 Bixby Fellowship in Population and Family Planning

2004 UC Berkeley Gary K. Stewart Memorial Prize

### **RESEARCH:**

#### **EXTRAMURAL:**

##### **Funded:**

2020-2025 Maskew, M. (MPI), **Clouse, K. (MPI)**. The South African National HIV Pregnancy  
Cohort: evaluating continuity of care among women living with HIV (R01HD103466).  
NIH/NICHHD, \$433,422.94 (VU subaward total costs/5 years).

2020-2021 Ahonkhai, A. (PI). Characterizing the Prevalence and Implications of Mobility Among  
People Living With HIV (PLWH) in Tennessee (TN): A Threat to Ending the Epidemic.  
NIH/NIAID via the TN Center for AIDS Research (CFAR) Supplemental Award,  
\$46,229.70 (VU subaward total cost/1 year).  
Role: Co-Investigator

2019-2022 **Clouse, K. (PI)**. CareConekta: Mobile health for a mobile population (R34MH118028).  
NIH/NIMH, \$635,862.38 (total costs/3 years).

2015-2020 **Clouse, K. (PI)**. Population mobility and retention in HIV care among postpartum women in South Africa (K01MH107256). NIH/NIMH, \$557,965 (total costs/4 years).

#### **INTRAMURAL:**

##### **Funded:**

- 2021 **Clouse, K. (PI)**. Data systems for VUSN/VUMC community vaccination outreach. Vanderbilt University Office of Research COVID-19 Research & Innovation Fund. \$3,000.
- 2018-2019 **Clouse, K. (PI)**. UCT and VUMC: Fostering a new partnership for research, training, and service. Vanderbilt Institute for Global Health Transdisciplinary Global Health Team Travel Grant. \$11,459.12.
- 2017-2018 Pal, T. (PI), **Clouse, K. (Co-Inv)**. GeneCARE: A Follow-Up Package for Gene-Based Care for Breast Cancer Survivors with Inherited Disease. National Cancer Institute (NCI) VICC Specialized Program of Research Excellence (SPORE) in Breast Cancer Developmental Research Award, \$50,000.
- 2017-2018 **Clouse, K. (PI)**. Population mobility and retention in HIV care among postpartum women in South Africa. Vanderbilt Institute for Clinical and Translational Research (VICTR) Investigator-Initiated Award, \$6,503.
- 2016-2017 **Clouse, K. (MPI)**, Myer L (MPI). Women's mobility and the continuum of HIV care in South Africa. TN Center for AIDS Research (CFAR) Developmental Core Award, \$50,000.
- 2015-2016 Halasa, N. (PI), **Clouse, K. (Co-Inv)**, Aronoff, DA (Co-Inv). Determining the point prevalence of Group B Streptococcus colonization among pregnant women in a large hospital in Amman, Jordan. Vanderbilt Institute for Global Health Ann Potter Wilson Award, \$3,562
- 2014-2015 **Clouse, K. (MPI)**, Fox, MP (MPI). A pilot study of an airtime voucher incentive system for improving retention in postpartum HIV care in South Africa. Vanderbilt Institute for Global Health Ann Potter Wilson Award, \$8,000.

**PUBLICATIONS:** (All peer-reviewed; underline denotes my role as first or senior author [20/42]; Asterisk (\*) denotes data-based paper [39/42])

##### **Submitted/under review:**

##### **Published/In press:**

42. \*Cragun D, Weidner A, Tezak A, **Clouse K**, Pal T. Family communication of genetic test results among women with inherited breast cancer genes. *J Genet Couns*, 2021 Jun;30(3):701-709. PMID: [33174380](https://pubmed.ncbi.nlm.nih.gov/33174380/).
41. \*Yohannes NT, Jenkins CA, **Clouse K**, Cortés CP, Cordero FM, Padgett D, Rouzier V, Friedman RK, McGowan CC, Shepherd BE, Rebeiro PF.\* Timing of HIV diagnosis relative to pregnancy and postpartum HIV care continuum outcomes among Latin American women, 2000-2017. *J Int AIDS Soc*, 2021 May;24(5):e25740. PMID: [34021715](https://pubmed.ncbi.nlm.nih.gov/34021715/).

40. \*Bernardo EL, Nhampossa T, **Clouse K**, Carlucci JG, Fernández-Luis S, Fuente-Soro L, Nhamcolo A, Sidat M, Naniche D, Moon TD. Patterns of mobility and its impact on retention in care among people living with HIV in the Manhiça District, Mozambique. *PLoS One*, 2021 May 21;16(5):e0250844. PMID: 34019556.
39. \*Tezak AL, Weidner A, **Clouse K**, Pal T, Cragun D. Motivators and challenges for follow-up care decision-making among female BRCA1/2 carriers within the context of perceived risk, response efficacy, and self-efficacy. *Human Organization*, 2021; 80(3): 203-213.
38. \***Clouse K**, Phillips TK, Mogoba P, Ndlovu L, Bassett J, Myer L. Attitudes towards a proposed GPS-based location tracking smartphone application for improving engagement in HIV care among pregnant and postpartum women in South Africa. *JMIR Form Res*, 2021 Feb; 5(2):e19243. PMID: PMC7899801.
37. \*Dean M., Tezak AL, Johnson S, Pierce J K, Weidner A, **Clouse K**, Pal T, Cragun D. Sharing genetic test results with relatives of BRCA, PALB2, CHEK2, and ATM carriers. *Patient Educ Couns*, 2021 Apr;104(4):720-72. PMID: PMC8005459.
36. **Clouse K**, Malope-Kgokong B, Bor J, Nattey C, Mudau M, Maskew M. The South African National HIV Pregnancy Cohort: evaluating continuity of care among women living with HIV. *BMC Public Health*, 2020 Nov; 20(1662). PMID: PMC7643452.
35. \*Cragun D, Weidner A, Tezak A, **Clouse K**, Pal T. Cancer risk management among female BRCA1/2, PALB2, CHEK2, and ATM carriers. *Breast Cancer Res Treat*, 2020 Jul;182(2):421-428. PMID: 32445176.
34. **Clouse K**, Phillips TK, Camlin C, Noholoza S, Mogoba P, Naidoo J, Langford R, Weiss M, Seebregts CJ, Myer L. CareConekta: study protocol for a randomized controlled trial of a mobile health intervention to improve engagement in postpartum HIV care in South Africa. *Trials*, 2020 Mar 12;21(1):258. PMID: PMC7185033.
33. \*Carlucci JG, Liu Y, **Clouse K**, Vermund SH. Attrition of HIV-positive children from HIV services in low- and middle-income countries: a systematic review and meta-analysis. *AIDS*, 2019 Dec 1;33(15):2375-2386. PMID: PMC6905128.
32. \*Banigbe B, Audet CM, Okonkwo P, Arije OO, Bassi E, **Clouse K**, Simmons M, Aliyu MH, Freedberg KA, Ahonkhai AA. Effect of PEPFAR funding policy change on HIV service delivery in a large HIV care and treatment network in Nigeria. *PLoS One*, 2019 Sep 25;14(9):e0221809. PMID: PMC6760763.
31. \*Phillips TK, Bonnet K, Myer L, Buthelezi S, Rini Z, Bassett J, Schlundt D, **Clouse K**. Acceptability of interventions to improve engagement in HIV care among pregnant and postpartum women in South Africa. *Matern Child Health J*. 2019 Sep;23(9):1260-1270. PMID: 31218606.
30. \*Mogoba P, Phillips TK, Myer L, Ndlovu L, Were MC, **Clouse K**. Smartphone usage and preferences among postpartum HIV-positive women in South Africa. *AIDS Care*, 2019 Jun;31(6):723-729. PMID: PMC6443468.
29. \***Clouse K**, Shehabi A, Suleimat AM, Faouri S, Khuri-Bulos N, Al Jammal A, Chappell J, Fortner KB, Chamby AB, Randis TM, Ratner AJ, Aronoff DM, Halasa N. High prevalence of Group B Streptococcus colonization among pregnant women in Amman, Jordan. *BMC Pregnancy Childbirth*, 2019 May 20;19(1):177. PMID: PMC6528311.

28. \*Oliver C, Rebeiro PF, Hopkins FJ, Byram B, Carpenter L, **Clouse K**, Castilho JL, Rogers W, Turner M, Bebawy SS, Pettit AC. Substance use, demographic, and socioeconomic factors are independently related to post-partum retention in care and viral suppression among women in HIV care in the south, 1999-2016. *Open Forum Infect Dis*. 2019 Jan 19;6(2). [PMCID: PMC6372056](#).
27. \*Abuogi L, Humphrey JM, Mpody C, Yotebieng M, Murnane PM, **Clouse K**, Otieno L, Cohen CR, Wools-Kaloustian K. Achieving UNAIDS 90-90-90 targets for pregnant and postpartum women in sub-Saharan Africa: progress, gaps, and research needs. *J Virus Erad*, 2018 Nov;4(Suppl 2): 33–39. [PMCID: PMC6248851](#).
26. \*Carlucci JG, Liu Y, Friedman H, Pelayo BE, Robelin K, Sheldon EK, **Clouse K**, Vermund SH. Attrition of HIV-exposed infants and HIV-infected children from HIV care and treatment programs in low and middle-income countries: a systematic review. *J Int AIDS Soc*, 2018 Nov;21(11): e25209. [PMCID: PMC6287094](#).
25. \***Clouse K**, Fox MP, Mongwenyana C, Motlathledi M, Buthelezi S, Bokaba D, Norris S, Bassett J, Lurie MN, Aronoff DM, Vermund SH. “I will leave the baby with my mother”: Long-distance travel and follow-up care among HIV-positive pregnant and postpartum women in South Africa. *J Int AIDS Soc*, 2018 Jul;21 Suppl 4:e25121. [PMCID: PMC6053484](#).
24. \*Phillips TK, **Clouse K**, Zerbe A, Orrell C, Abrams EJ, Myer L. Linkage to care, mobility and retention of HIV-positive postpartum women in antiretroviral therapy services in South Africa. *J Int AIDS Soc*, 2018 Jul;21 Suppl 4:e25114. [PMCID: PMC6053482](#).
23. \***Clouse K**, Motlathledi M, Bonnet K, Schlundt D, Aronoff DM, Chakkalakal R, Norris S. “I just wish that everything is in one place”: Facilitators and barriers to continuity of care among HIV-positive, postpartum women with a non-communicable disease in South Africa. *AIDS Care* 2018 Jun;30(sup2):5-10. [PMCID: PMC6088383](#).
22. \***Clouse K**, Mongwenyana C, Musina M, Bokaba D, Long L, Maskew M, Ahonkhai A, Fox MP. Acceptability and feasibility of a financial incentive intervention to improve retention in HIV care among pregnant women in Johannesburg, South Africa. *AIDS Care* 2018 Apr;30(4):453-460. [PMCID: PMC5799012](#).
21. **Clouse K**, Phillips T, Myer L. Understanding data sources to measure patient retention in HIV care in sub-Saharan Africa. *Int Health* 2017;9(4):203-205. [PMCID: PMC58812612](#).
20. \***Clouse K**, Vermund SH, Maskew M, Lurie M, MacLeod W, Maletse G, Carmona S, Sherman G, Fox MP. Mobility and clinic switching among postpartum women considered lost to HIV care in South Africa. *JAIDS* 2017;74(4):383-389. [PMCID: PMC5324708](#).
19. \***Clouse K**, Blevins M, Lindegren ML, Yotebieng M, Dung NT, Omondi A, Michael D, Zannou DM, Carriquiry G, Pettit A. Low implementation of Xpert MTB/RIF among HIV/TB co-infected adults in the International epidemiologic Databases to Evaluate AIDS (IeDEA) program. *PLoS One* 2017;12(2):e0171384. [PMCID: PMC5300213](#).
18. \*Shearer K, **Clouse K**, Meyer-Rath G, MacLeod W, Maskew M, Sanne I, Long L, Fox MP. Citizenship status and engagement in HIV care: an observational cohort study to assess the association between reporting a national ID number and retention in public-sector HIV care in Johannesburg, South Africa. *BMJ Open* 2017;7(1):e0143908. [PMCID: PMC5278236](#).

17. \*Hanrahan CF, **Clouse K**, Bassett J, Mutunga L, Selibas K, Stevens W, Scott L, Sanne I, Van Rie A. The patient impact of point-of-care vs. laboratory placement of Xpert MTB/RIF. *Int J Tuberc Lung Dis* 2015;19(7):811-816. [PMCID: PMC4869324](#).
16. \*Schwartz S, **Clouse K**, Yende N, Van Rie A, Bassett J, Pettifor A. Acceptability and feasibility of an *mHealth* intervention to retain mothers and infants enrolled in an Option B+ program in postpartum HIV care. *Matern Child Health J*. 2015 Sep;19(9):2029-37. [PMCID: PMC4871127](#).
15. \***Clouse K**, Schwartz S, Van Rie A, Bassett J, Vermund S, Pettifor A. High mobile phone ownership, but low internet and email usage among pregnant, HIV-infected women attending antenatal care in Johannesburg. *J Telemed Telecare* 2015;21(2):104-7. [PMCID: PMC4860457](#).
14. \***Clouse K**, Hanrahan CF, Bassett J, Fox M, Sanne I, Van Rie A. Impact of systematic HIV testing on case finding and retention in care at a primary care clinic in South Africa. *Trop Med Int Health*. 2014;19(12):1411-9. [PMID: 25244155](#).
13. \***Clouse K**, Schwartz S, Van Rie A, Bassett J, Yende N, Pettifor A. "What they wanted was to give birth; nothing else": Barriers to retention in Option B+ HIV care among postpartum women in South Africa. *JAIDS* 2014;67(1):e12-8. [PMID: 24977376](#).
12. \*Fox MP, Shearer K, Maskew M, Meyer-Rath G, **Clouse K**, Sanne I. Attrition through multiple stages of pre-treatment and ART HIV care in South Africa. *PLoS One* 2014;9(10):e110252. [PMCID: PMC4203772](#).
11. \*Van Rie A, **Clouse K**, Hanrahan C, Selibas K, Sanne I, Williams SD, Kim P, Bassett J. High uptake of systematic HIV counseling and testing and TB symptom screening at a primary care clinic in South Africa. *PLoS One* 2014;9(9):e105428. [PMCID: PMC4182031](#).
10. \***Clouse K**, Pettifor A, Shearer K, Maskew M, Bassett J, Larson B, Van Rie A, Sanne I, Fox MP. Loss to follow-up before and after delivery among women testing HIV positive during pregnancy in Johannesburg, South Africa. *Trop Med Int Health* 2013;18(4):451-460. [PMCID: PMC3600093](#).
9. \*Van Rie A, Page-Shipp L, Harrahan C, Bistline K, Dansey H, Bassett J, **Clouse K**, Scott L, Stevens W, Sanne I. Point-of-care Xpert MTB/RIF for smear-negative tuberculosis suspects at a primary care clinic in South Africa. *Int J Tuberc Lung Dis* 2013;17(3):L368-372. [PMCID: PMC4445423](#).
8. \***Clouse K**, Pettifor A, Maskew M, Bassett J, Van Rie A, Gay C, Behets F, Sanne I, Fox MP. Initiating antiretroviral therapy when presenting with higher CD4 counts results in reduced loss to follow-up in a resource-limited setting. *AIDS* 2013;27(4):645-650. [PMCID: PMC3646627](#).
7. \***Clouse K**, Pettifor A, Maskew M, Bassett J, Van Rie A, Gay C, Behets F, Sanne I, Fox MP. Patient retention from HIV diagnosis through one year on antiretroviral therapy at a primary health care clinic in Johannesburg, South Africa. *JAIDS* 2013;62(2): e39-e46. [PMCID: PMC3548953](#).
6. \*Hanrahan CF, Selibas K, Deery C, Dansey H., **Clouse K**, Bassett J, Scott L, Sanne I, Van Rie A. Time to treatment and patient outcomes among TB suspects screened by a single point-of-care Xpert MTB/RIF at a primary care clinic in Johannesburg, South Africa. *PLoS One* 2013;8(6):e65421. [PMCID: PMC3675091](#).
5. \***Clouse K**, Page-Shipp L, Dansey H, Moatlhodi B, Scott L, Bassett J, Stevens W, Sanne I, Van Rie A. Implementation of Xpert MTB/RIF for routine point-of-care diagnosis of tuberculosis at the primary care level. *S Afr Med J* 2012;102(10):805-7. [PMID: 23034211](#).

4. \*Page-Shipp L, Voss De Lima Y, **Clouse K**, de Voss J, Evarts L, Bassett J, Sanne I, Van Rie A. TB/HIV at the primary care level: a quantitative assessment at three clinics in Johannesburg, South Africa. *South Afr J HIV Med* 2012;13(3): 138-143. [PMCID: 4461002](#).
3. \***Clouse K**, Montgomery ET, Milford C, Watadzaushe C, Nkala B, Fancher H, Lince N, Cheng H, Thompson M, van der Straten A. Establishing a continuum of care between HIV-prevention trials and public healthcare systems: The MIRA Standard of Care program. *Clinical Trials* 2010;7(3): 256-264. [PMID: 20421242](#).
2. \*Van der Straten A, Sahin-Hodoglugil N, **Clouse K**, Mtetwa S, Chirenje T. Feasibility and acceptability of three cervical barriers among vulnerable young women in Zimbabwe. *J Fam Plann Reprod Health Care* 2010;36(1): 13-19. [PMID: 20067667](#).
1. \*Van der Straten A, Moore J, Napierala S, **Clouse K**, Mauck C, Hammond N, Padian N. Consistent use of a combination product versus a single product in a safety trial of the diaphragm and microbicide in Harare, Zimbabwe. *Contraception* 2008;77 (6): 435-43. [PMID: 18477494](#).

#### Internet Content:

**Clouse K.** Calling for improved HIV data systems on World AIDS Day. *The Royal Society of Tropical Medicine and Hygiene*, December 1, 2017. Available online at <https://rstmh.org/blog/2017/nov/28/calling-improved-hiv-data-systems-world-aids-day>.

#### INVITED TALKS

##### VU and VUMC Seminar Series Invited Lectures:

- |      |  |
|------|--|
| 2020 | “Facilitating long-term engagement in care among pregnant and postpartum women living with HIV in South Africa.” Vanderbilt University Partners in Health student chapter, October 1.              |
| 2020 | “REDCap Mobile App in the field: a case study from South Africa.” REDCap Day, Vanderbilt University, February 27.  |
| 2019 | “Developing a GPS location-based smartphone application for improving engagement in HIV care.” Vanderbilt University School of Medicine Division of Infectious Diseases, Grand Rounds, October 10. |
| 2019 | “Developing a GPS location-based smartphone application for improving engagement in HIV care.” Vanderbilt Institute for Global Health Grand Rounds, May 6.   |
| 2019 | “HIV in 2019: looking back, moving forward.” Vanderbilt University Department of Pediatrics, Division of Infectious Diseases, Pediatric Infectious Diseases Seminar Series, April 24.              |
| 2018 | “Engaging patients throughout the continuum of care: lessons learned from HIV-positive, postpartum women in South Africa.” Vanderbilt University School of Nursing, July 29.                       |
| 2017 | “Implementation Science approaches to improve engagement in postpartum HIV care in South Africa.” Vanderbilt University School of Medicine Grand Rounds, August 17.                                |
| 2016 | Vanderbilt Center for Clinical Quality and Implementation Research Scholarly Series, November 4.   |
| 2016 | “Retaining a mobile population in HIV care: implementation science research in South Africa.” Vanderbilt University Medical Center Translational Research Forum, October 14.                       |

- 2016 “The challenges and opportunities for retaining pregnant women in HIV care in South Africa.” Vanderbilt University School of Medicine Division of Infectious Diseases, Grand Rounds, March 24.
- 2016 “The challenges and opportunities for retaining pregnant women in HIV care in South Africa.” Vanderbilt Institute for Global Health Grand Rounds, August 24.
- 2015 “The challenges and opportunities for retaining pregnant women in HIV care in South Africa.” The Vanderbilt Pre3 Initiative, June 22.
- 2014 “Patient Retention in HIV Care and Treatment Programs in Sub-Saharan Africa.” Department of Epidemiology Grand Rounds, September 23.

#### **Invited (Guest) Lecturer Outside VU (National):**

- 2021 “CareConekta: Using smartphones to understand mobility and engagement in HIV care.” Integrating location (GPS/GIS) data into clinical research: A roundtable discussion (virtual), held by National Institute of Allergy and Infectious Diseases (NIAID) Office of Cyber Infrastructure & Computational Biology, International Biomedical Research Support Program. October 6, 2021.
- 2021 “Interventions to improve HIV care among mobile populations.” National Institute of Mental Health (NIMH) Human Mobility and HIV Workshop (virtual). May 24-25, 2021.
- 2018 “HIV in 2018: looking back, moving forward.” STEM Lecture, Columbia State Community College, Columbia, TN, October 3.
- 2017 “Implementation Science to improve engagement in healthcare: lessons from HIV-positive, postpartum women in South Africa.” Yale University School of Public Health, Department of Epidemiology of Microbial Diseases. New Haven, CT, December 7.
- 2017 “Retaining a mobile population in HIV care: Lessons from postpartum women in South Africa.” UCSF-Gladstone Center for AIDS Research seminar. San Francisco, CA, October 24.
- 2017 “Patient engagement in care: lessons from HIV-positive, postpartum women in South Africa.” Boston University School of Public Health, Department of Global Health, Global Health Research Seminar Series. Boston, MA, September 18.

#### **Invited (Guest) Lecturer Outside VU (International):**

- 2018 “Engaging patients throughout the continuum of care: lessons learned from HIV-positive, postpartum women in South Africa.” Respiratory and Meningitis Pathogens Research Unit (RMPRU), University of the Witwatersrand. Johannesburg, South Africa, December 10.
- 2018 “Mobility and sexual and reproductive health.” Population Mobility: Challenges for Universal HIV Testing and Treatment (symposium). 22<sup>nd</sup> International AIDS Conference. Amsterdam, Netherlands, July 24.
- 2017 “Beyond PMTCT: engaging HIV-positive pregnant women in care after delivery.” Foundation for Professional Development. Pretoria, South Africa, November 17.
- 2017 “Mobility matters: Retaining a mobile population in HIV care.” University of Cape Town Division of Epidemiology and Biostatistics. Cape Town, South Africa, February 1.
- 2015 “REDCap: a brief tutorial.” Witkoppen Health and Welfare Centre. Johannesburg, South Africa, January 29.

#### **Media appearances:**

- 2020 “Health Beat: CareConekta: Improving HIV care.” WFMZ, Allentown, PA. December 8.
- 2020 “Improving HIV care.” ABC 12 News, Flint, MI. December 2.
- 2020 “Best Life: Improving HIV care.” WMC Action News 5, Memphis, TN. November 16.



**PRESENTATIONS OF RESEARCH AT PROFESSIONAL MEETINGS:** (All peer reviewed and abstract-based; presenting author underlined)

**Oral Presentations:**

13. **Clouse K**, Phillips TK, Mogoba P, Ndlovu L, Bassett J, Myer L. Attitudes towards a proposed GPS-based location tracking smartphone application for improving engagement in HIV care among pregnant and postpartum women in South Africa. AIDSImpact 14<sup>th</sup> International Conference. London, UK, July 30, 2019.
12. Tezak A, Weidner A, Cragun D, **Clouse K**, Pal T. Facilitators and barriers to cancer risk management practices and family sharing of genetic test results among female BRCA carriers. Society for Applied Anthropology 79<sup>th</sup> Annual Meeting. Portland, OR, March 19-23, 2019.
11. Mogoba P, Phillips TK, Myer L, Ndlovu L, Were MC, **Clouse K**. Smartphone usage and preferences among postpartum HIV-positive women in South Africa. AIDSImpact 13<sup>th</sup> International Conference. Cape Town, South Africa, November 15, 2017.
10. **Clouse K**, Maskew M, Fox MP. Leaving the children with granny: The impact of mobility and long-distance travel during the postpartum period. USAID Best Practices and Innovations in Paediatric HIV and TB Care and Treatment Meeting. Pretoria, South Africa, November 2, 2017.
9. **Clouse K**, Motlhatlhedhi M, Aronoff DM, Chakkalakal R, Norris S. Facilitators and barriers to continued engagement in care among HIV-positive, postpartum women with co-morbidities in South Africa. AIDSImpact 13<sup>th</sup> International Conference. Cape Town, South Africa, November 14, 2017.
8. **Clouse K**, Vermund SH, Maskew M, Maletle G, Fox MP. Continuity of care among pregnant women lost to follow-up after initiating ART. Themed discussion: "Mind the Gaps: Optimizing the PMTCT Cascade." 23<sup>rd</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2016). Boston, MA, February 26, 2016.
7. **Clouse K**, Lindegren ML, Yotebieng M, Dung NT, Omondi A, Zannou DM, Carriquiry G, Pettit A. Low implementation of Xpert MTB/RIF among HIV/TB co-infected adults: A 19 low/middle income country survey from the leDEA Consortium. 46<sup>th</sup> Union World Conference on Lung Health. Cape Town, South Africa, December 2-6, 2015.
6. **Clouse K**, Page-Shipp L, Dansey H, Scott L, Sanne I, Bassett J, Stevens W, Van Rie A. Implementation of Xpert MTB/RIF for routine point-of-care diagnosis of tuberculosis at the primary care level. 3<sup>rd</sup> South Africa TB Conference. Durban, South Africa, June 12-15, 2012.
5. Selibas K, Hanrahan C, Deery C, Dansey H, **Clouse K**, Bassett J, Sanne I, Van Rie A. Outcomes in a cohort of Xpert-negative TB suspects at a primary care clinic in Johannesburg highlight the need for evidence-based guidelines. 3<sup>rd</sup> South Africa TB Conference, Durban, South Africa, June 12-15, 2012.
4. **Clouse K**, Page-Shipp L., Dansey H, Scott L, Sanne I, Bassett J, Stevens W, Van Rie A. Implementation of Xpert MTB/RIF for routine point-of-care diagnosis of tuberculosis at the primary care level. USAID TB Working Group quarterly meeting, Johannesburg, South Africa, May 22, 2012.

3. Page-Shipp L, Dansey H, Bassett J, **Clouse K**, Phakathi F, Scott L, Sanne I, Van Rie A. Point-of-care Xpert MTB/RIF for smear-negative TB diagnosis at a primary care clinic in South Africa. 42nd Union World Conference on Lung Health. Lille, France, October 26-30, 2011.
2. **Clouse K**, Brennan A, Sanne I, Maskew M. Early outcomes of patients initiating standard first-line tenofovir-based ART regimens at a large public-sector HIV clinic in Johannesburg, South Africa. 5<sup>th</sup> South Africa AIDS conference. Durban, South Africa, June 6-10, 2011.
1. Lauro D, Sheldon W, **Clouse K**. Investing in population and family planning leaders: A brief history. Asia Pacific Conference on Reproductive and Sexual Health. Bangkok, Thailand, October 6-9, 2003.

#### Poster Presentations:

22. Phillips TK, **Clouse K**, Brittain K, Zerbe A, Chi BH, Abrams EJ, Myer L. Long-term patterns of postpartum engagement in HIV care among women living with HIV in Cape Town, South Africa. 11th International AIDS Society (IAS) Conference on HIV Science. Virtual, 18-21 July 2021.
21. Bernardo EL, Nhampossa T, **Clouse K**, Carlucci JG, Fuente-Soro L, Fernández-Luis S, Sidat M, Nanche D, Moon TD. Characterizations of the patterns of mobility and its impact on retention in care among people living with HIV in the Manhiça, Mozambique. American Society of Tropical Medicine and Hygiene (ASTMH) 69<sup>th</sup> Annual Meeting, November 15-19, 2020.
20. Tezak AL, Weidner A, **Clouse K**, Cragun D, Pal T. Breast and Ovarian Cancer Risk Management Practices Among Female BRCA1/2 Carriers: Facilitators and Barriers to Recommended Follow-Up Care. Tennessee Public Health Association Middle Tennessee Grand Division Meeting. Lebanon, TN, April 26, 2019.
19. Oliver C, Rebeiro PF, Hopkins MJ, Byram B, Carpenter L, **Clouse K**, Castilho JL, Rogers WB, Turner M, Bebawy SS, Pettit AC. Post-partum retention in care and viral suppression among women with human immunodeficiency virus (HIV) infection in prenatal care at the Vanderbilt Comprehensive Care Clinic, 1999-2016. 13<sup>th</sup> International Conference on HIV Treatment and Prevention Adherence. Miami, FL, June 8-10, 2018.
18. **Clouse K**, Shehabi A, Suleimat AM, Faouri S, Khuri-Bulos N, Chappell JD, Fortner K, Aronoff Da, Halasa N. High Prevalence of Group B *Streptococcus* Colonization among Pregnant Women in Amman, Jordan. 2017 Infectious Diseases Society for Obstetrics and Gynecology Annual Meeting. Park City, Utah, August 10-12, 2017.
17. **Clouse K**, Mongwenyana C, Musina M, Bokaba D, Long L, Fox MP. Acceptability of interventions to improve retention in HIV care among pregnant women in Johannesburg, South Africa. 9<sup>th</sup> International AIDS Society (IAS) Conference on HIV Science. Paris, France, July 25, 2017.
16. Hopkins MJ, Byram B, Carpenter L, **Clouse K**, Rebeiro PF, Castilho JL, Rogers W, Turner M, Bebawy SS, Pettit AC. Factors associated with postpartum retention in HIV care and virologic suppression among pregnant women in prenatal care. 11<sup>th</sup> International Conference on HIV Treatment and Prevention Adherence. Ft. Lauderdale, FL, May 9-11, 2016.
15. **Clouse K**, Vermund SH, Maskew M, MacLeod W, Maletse G, Fox MP. Manually linking databases to trace women lost to follow-up after initiating ART during pregnancy. 20th International Workshop on HIV Observational Databases (IWHOD). Budapest, Hungary. April 7-9, 2016.

14. **Clouse K**, Shehabi A, Suleimat AM, Faouri S, Khuri-Bulos N, Chappell JD, Fortner K, Aronoff DA, Halasa N. High Prevalence of Group B *Streptococcus* Colonization among Pregnant Women in Amman, Jordan. IDWeek 2015. San Diego, CA, October 7-11, 2015.
13. **Shearer K**, **Clouse K**, Evans D, Lince-Deroche N, Firnhaber C, Maskew M, Berhanu R, Long L, Fox MP. Cotrimoxazole use and accelerated immune system recovery among newly initiating HIV-infected patients in an outpatient HIV clinic in Johannesburg, South Africa. 18th International Workshop on HIV Observational Databases (IWHOD). Barcelona, Spain. March 27-29, 2014.
12. **Clouse K**, Hanrahan CF, Bassett J, Qangule N, Matjeke L, Mokonyane S, Sanne I, Van Rie, A. Implementation of routine, opt-out HIV testing does not increase loss to follow-up. 21<sup>st</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2014). Boston, MA, March 3-6, 2014.
11. **Clouse K**, Hanrahan C, Selibas K, Bassett J, Williams SD, Kim P, Sanne I, Van Rie A. High rates of routine TB and HIV screening are achievable and sustainable at a busy primary care clinic. 44th Union World Conference on Lung Health. Paris, France, November 1-3, 2013.
10. **Clouse K**, Shearer K, Bassett J, Maskew M, Fox MP. Reduced loss to ART initiation among patients initiating cotrimoxazole prophylaxis therapy in Johannesburg, South Africa. 19<sup>th</sup> International AIDS Conference. Washington, DC, July 22-27, 2012.
9. **Clouse K**, Pettifor A, Maskew M, Bassett J, Van Rie A, Gay C, Behets F, Sanne I, Fox MP. Patient retention at key milestones after HIV diagnosis at a primary health clinic in Johannesburg, South Africa. 19<sup>th</sup> International AIDS Conference. Washington, DC, July 22-27, 2012.
8. **Clouse K**, Pettifor A, Maskew M, Bassett J, Van Rie A, Gay C, Behets F, Sanne I, Fox MP. Initiation of ART at higher CD4 counts under South Africa's revised antiretroviral therapy guidelines results in improved patient outcomes. 19<sup>th</sup> International AIDS Conference. Washington, DC, July 22-27, 2012.
7. **Clouse K**, Maskew M, Fox MP, Bassett J, Larson B. Delayed diagnosis of HIV and high rates of loss to follow-up among pregnant women attending antenatal services at a primary health clinic in Johannesburg, South Africa. 19<sup>th</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2012). Seattle, WA, March 5-8, 2012.
6. **Clouse K**, Page-Shipp L, Phakathi F, Dansey H, Bassett J, Sanne I, Van Rie A. High rates of HIV testing and care among patients suspected of TB at a primary care clinic in Johannesburg, South Africa. 6<sup>th</sup> International AIDS Society Conference on HIV Pathogenesis, Treatment and Prevention. Rome, Italy, July 17-20, 2011.
5. **Clouse K**, Montgomery ET, Milford C, Watadzaushe C, Nkala B, Lince N, van der Straten A. The sustainability of care beyond HIV prevention trials: An evaluation of the MIRA standard of care programme. 5<sup>th</sup> International AIDS Society Conference on HIV Pathogenesis, Treatment and Prevention. Cape Town, South Africa, July 20-22, 2009.
4. **Milford C**, van der Straten A, **Clouse K**, Blanchard K, Ramjee G. Access to care in HIV prevention trials: The MIRA Standard of Care programme, Durban, South Africa. 4<sup>th</sup> International AIDS Society Conference on HIV Pathogenesis and Treatment. Sydney, Australia, July 22-25, 2007.
3. **Van der Straten A**, Sahin-Hodoglugil N, Mtetwa S, **Clouse K**, Chirenje T, Nyambo V, Chirenje M. Feasibility and acceptability of cervical barriers among vulnerable youth: a pilot study in Zimbabwe. 4<sup>th</sup> International AIDS Society Conference on HIV Pathogenesis and Treatment. Sydney, Australia, July 22-25, 2007.

2. Mtewa S, Chirenje T, Nyambo V, **Clouse K**, Sahin-Hodoglugil N, van der Straten A, Chirenje M. Feasibility and acceptability of cervical barriers among vulnerable youth in Africa. 3<sup>rd</sup> South African AIDS Conference. Durban, South Africa, June 5-8, 2007.
1. Milford C, **Clouse K**, Fancher H., Ramjee G. Challenges for seroconverters in HIV prevention trials to access treatment and care: Reported cases from the MIRA trial site in Durban, South Africa. 3<sup>rd</sup> South African AIDS Conference, Durban, South Africa, June 5-8, 2007.

## **PROFESSIONAL ACTIVITIES:**

### **Reviewing Experience:**

Manuscript reviewer for: *African Journal of AIDS Research, AIDS and Behavior, AIDS Care, AIDS Patient Care and STDs, BMC Health Services Research, BMC Pregnancy and Childbirth, BMJ, Clinical Infectious Diseases, Global Public Health, Journal of Acquired Immune Deficiency Syndromes, Journal of Global Health, Journal of the International AIDS Society, Journal of Telemedicine and Telecare, Journal of the International AIDS Society, Lancet HIV, mHealth, PLOS One, PLOS Medicine, Public Health Reports, Scientific Reports, Women's Health*

### **Membership in Professional Societies:**

HIV Medicine Society (role: member)  
 Infectious Diseases Society of America (role: member)  
 International AIDS Society (role: member)

### **NIH Center for Scientific Review, Ad Hoc Reviewer Experience:**

June 2021	NIH Science of Implementation in Health and Healthcare (SIHH) study section, virtual due to COVID-19 pandemic
June 2020	NIH Dissemination and Implementation Research in Health (DIRH) study section, virtual due to COVID-19 pandemic
Feb. 2020	NIH Dissemination and Implementation Research in Health (DIRH) study section, Washington, DC
Oct. 2018	NIH Dissemination and Implementation Research in Health (DIRH) study section, Washington, DC

### **Other National/International Scientific Review:**

2018	Einstein-Rockefeller-CUNY Center for AIDS Research (ERC CFAR) invited reviewer
2015	University of Washington Center for AIDS Research (CFAR) New Investigator Award invited reviewer

### **Vanderbilt University Scientific Review:**

2021	Reviewer, Edge for Scholars Program, Dr. Aima Ahonkhai, R34 grant review
2021	Reviewer, Vanderbilt Institute for Clinical and Translational Research (VICTR) studio expert, Dr. Lauren Brown, Meharry Medical College Research Centers in Minority Institutions Program
2021	Reviewer, Vanderbilt Undergraduate Summer Research Program
2020	Reviewer, Vanderbilt Institute for Clinical and Translational Research (VICTR) studio expert, Dr. Peter Rebeiro, R01 grant review studio

- 2020 Reviewer, Vanderbilt Scholars in HIV and Heart, Lung, Blood and Sleep Research (V-SCHoLARS) K12 training program
- 2020 Reviewer, Vanderbilt Institute for Clinical and Translational Research (VICTR) studio expert, Dr. Jessica Castilho, R01 grant review studio
- 2019 Reviewer, 9<sup>th</sup> Annual Vanderbilt University School of Nursing Dean's Writing Award
- 2019 Reviewer, Vanderbilt Institute for Clinical and Translational Research (VICTR) studio expert, Dr. Jessica Castilho, R01 grant review studio
- 2018 Reviewer, Vanderbilt Institute for Clinical and Translational Research (VICTR) studio expert, Dr. Wendy Bottinor, K23 grant review studio
- 2018 Reviewer, Vanderbilt Institute for Clinical and Translational Research (VICTR) studio expert, Dr. David Aronoff, R01 specific aims studio
- 2017 Reviewer, Vanderbilt Institute for Clinical and Translational Research (VICTR) studio expert, Dr. Aima Ahonkhai, R21 grant review studio
- 2017 Judge, Vanderbilt Translational Research Forum poster session
- 2016-present Reviewer, Tennessee Center for AIDS Research (TN CFAR) Development Core Awards
- 2016 Judge, Vanderbilt University School of Engineering Design Day
- 2015-present Reviewer, Vanderbilt Institute for Global Health MPH candidates
- 2014-2015 Reviewer, Vanderbilt Institute in Research and Ethics (VIRDE) mock review

#### **National/International Committees:**

- 2018 Center for AIDS Research (national CFAR) Sub-Saharan Africa Working Group (role: member)
- 2017-present International Epidemiology Databases to Evaluate AIDS (IeDEA) Prevention of Mother-to-child Transmission of HIV (PMTCT) Working Group (role: member)

#### **Vanderbilt University Committees:**

- 2018-present Vanderbilt MPH Curriculum Committee (role: member)
- 2018-present Vanderbilt Initiative for Interdisciplinary Geospatial Research (VIIGR) Advisory Committee (role: member)
- 2015-2016 Vanderbilt Institute for Global Health Faculty Search Committee (role: member)

#### **Vanderbilt University School of Nursing Committees:**

- 2020-present Vanderbilt University School of Nursing PhD Program Executive Committee Member-at-Large (role: elected member)
- 2019-present Vanderbilt University School of Nursing PhD Curriculum Committee (role: member)

#### **Community and Volunteer Engagement:**

- 2018-2019 Board of Directors, South Nashville Action People community organization
- 2017 Panelist, "Shaping the Healthy Environment," Nashville Civic Design Center
- 2016-2017 Board of Directors, Nashville International Center for Empowerment

#### **TEACHING EXPERIENCE:**

#### **Vanderbilt University School of Nursing Courses:**

- 2021 Coordinator and Lecturer, Advanced Doctoral Seminar 1 (NRSC 8302), Vanderbilt University School of Nursing

- 2020 Co-Coordinator and Lecturer, Advanced Doctoral Seminar 1 (NRSC 8302), Vanderbilt University School of Nursing; Co-Instructor: Dr. Sheila Ridner
- 2019-present Co-Coordinator and Lecturer, Special Topics in Quantitative Methods (NRSC 8309), Vanderbilt University School of Nursing; Co-Instructor: Dr. Bethany Rhoten
- 2020-present Guest Lecturer, "Getting Funded for the Dissertation...and Beyond," Vanderbilt University School of Nursing Fall Block Week
- 2019-present Guest Lecturer, "Reading, Reviewing and Publishing Scientific Literature," Vanderbilt University School of Nursing Fall Block Week

### **Vanderbilt University Medical Center (VUMC) Courses:**

- 2019-present Guest Lecturer, Grant Writing (PUBH 5517), Vanderbilt Institute for Global Health; lead instructor: Dr. Aima Ahonkhai
- 2018 Coordinator and Lecturer, Grant Writing (PUBH 5517), Vanderbilt MPH and MSCI programs
- 2017-present Guest Lecturer, Foundations in Global Health (PUBH 5542/MHS 7305), Vanderbilt Institute for Global Health; lead instructor: Dr. Troy Moon
- 2016-present Guest Lecturer, Vanderbilt Institute in Research and Ethics (VIRDE) month-long course, Vanderbilt Institute for Global Health

### **University of North Carolina at Chapel Hill Courses:**

- 2010-2011 Lecturer, Introduction to Epidemiology for Public Health (Epidemiology 600, online course), Dept. of Epidemiology, The University of North Carolina, Chapel Hill, NC; lead instructor: Dr. Victor Schoenbach

### **Online Course Material:**

- May 2018 Integrated Science Course: Global Health. Online module "Engaging Pregnant Women in HIV Care after Delivery: Lessons from South Africa." Vanderbilt Institute for Global Health. Available online at <https://youtu.be/1q8V6HtTJz0>

### **Post-doc Supervision:**

<b>Name</b>	<b>Role on Project</b>	<b>School/Department</b>	<b>Year of Completion</b>
Tamsin Phillips	Co-mentor	University of Cape Town (Vanderbilt-Emory-Cornell-Duke (VECD) Global Health Fellows Consortium/Fogarty)	2020

### **PhD Student Supervision:**

<b>Student Name</b>	<b>Role on Project</b>	<b>School/Department</b>	<b>Year of Completion</b>
Elizabeth Spooner	External reviewer	University of KwaZulu-Natal, School of Clinical Medicine, Durban, South Africa	2021
Jenine Stone	PhD Committee	Vanderbilt University School of Nursing	Expected 2025
Stacey Carter	Co-Faculty Advisor	Vanderbilt University School of Nursing	Expected 2024

Amanda Davis	PhD Committee	Vanderbilt University School of Nursing	Expected 2022
Christine Kimpel	Independent study instructor	Vanderbilt University School of Nursing	2020
Cecilia Milford	External reviewer	University of KwaZulu-Natal, School of Nursing and Public Health, Durban, South Africa	2019
Sheryl Gordon	External reviewer	Boston University, Epidemiology	2017

**Master's Student Supervision:**

<b>Student Name</b>	<b>Role on Project</b>	<b>School/Department</b>	<b>Year of Completion</b>
Namhla Bhenxa	External reviewer	University of Cape Town Master of Public Health, Epidemiology Track	2021
Taylor Carty	Chair	Vanderbilt University Master of Public Health, Global Health Track	2023
Sarah Grossarth	Chair	Vanderbilt University Master of Public Health, Global Health Track	2022
Ni Ketut Wilmayani	Committee member	Vanderbilt University Master of Public Health, Global Health Track	2021
Emily Sedillo	Chair	Vanderbilt University Master of Public Health, Global Health Track	2020
Mariah Pettapiece-Phillips	Chair	Vanderbilt University Master of Public Health, Global Health Track	2019
Delaney Lackey	Chair; thesis advisor	Vanderbilt University Master of Public Health, Global Health Track	2019
Cassandra Oliver	Committee member	Vanderbilt University Master of Public Health, Epidemiology Track	2018
Salésio Macuacua	Committee member	Vanderbilt University Master of Public Health, Global Health Track	2018
Tembekile Shato	External reviewer	University of Cape Town Master of Public Health, Epidemiology Track	2017
Christopher Wahlfeld	Chair	Vanderbilt University Master of Public Health, Global Health Track	2016
Emily Sheldon	Chair	Vanderbilt University Master of Public Health, Global Health Track	2016
Bhinnata Piya	Chair	Vanderbilt University Master of Public Health, Global Health Track	2016

**Undergraduate student supervision:**

<b>Student Name</b>	<b>Role on Project</b>	<b>School/Department</b>	<b>Year of Completion</b>
Halle Friedman	Internship mentor	College of Charleston	2016