

Curriculum Vitae

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PERSONAL INFORMATION

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EDUCATION

Graduate School	The University of North Carolina at Chapel Hill, Chapel Hill, NC	2005	PhD (Epidemiology)
Graduate School	Columbia University, New York, NY	2001	MPH (Epidemiology)
College	Yale University, New Haven, CT	1996	BA (Economics)

PROFESSIONAL EXPERIENCE

2015-present	Associate Professor of Epidemiology, the University of North Carolina at Chapel Hill, Chapel Hill, NC
2013-2015	Assistant Professor of Epidemiology, the University of North Carolina at Chapel Hill, Chapel Hill, NC
2013-present	Adjunct Associate Professor of Community and Family Medicine, Duke University, Durham, NC
2011-2013	Associate Professor of Community and Family Medicine, Global Health, and Pathology, Duke University, Durham, NC
2011-2013	Associate Director of Graduate Studies, Duke Global Health Institute, Duke University, Durham, NC
2008-2011	Assistant Professor, Department of Community and Family Medicine and Duke Global Health Institute, Duke University, Durham, NC

2008-2013	Adjunct Assistant Professor, Department of Epidemiology, the University of North Carolina at Chapel Hill, Chapel Hill, NC
2007-2009	Assistant Research Professor, Terry Sanford Institute of Public Policy, Duke University, Durham, NC
2005-2007	Research Associate, Center for Health Policy, and Research Scholar, Terry Sanford Institute of Public Policy, Duke University, Durham, NC
1998-2001	Research Coordinator, Population Council, New York, NY
1996-1998	Teacher, Maret School, Washington, DC

HONORS

Edward G. McGavran Excellence in Teaching Award, Gillings School of Global Public Health, University of North Carolina at Chapel Hill, 2016

Teaching Innovation Award, Gillings School of Global Public Health, University of North Carolina at Chapel Hill, 2016

Teaching Innovation Award, Gillings School of Global Public Health, University of North Carolina at Chapel Hill, 2015

Implementation Research Institute Fellow, Washington University-St. Louis, 2010-2012

Delta Omega Honorary Public Health Society inductee, 2006

Graduate Education Advancement Board Recognition Award for Dissertation Research of Benefit to North Carolina, University of North Carolina at Chapel Hill, 2006

Sandra Winn Green Scholarship Fund Award for Outstanding Student, University of North Carolina at Chapel Hill, 2003

Howard Hughes Medical Institute (HHMI) Predoctoral Fellow, HHMI, 2002-2005

William R. Kenan Predoctoral Fellow, University of North Carolina at Chapel Hill, 2001-2005

BIBLIOGRAPHY

Books and book chapters

1. Whetten K, **Pence BW**. *"You're the First One I've Told": The Faces of HIV in the Deep South*. 2nd edition. New Brunswick: Rutgers University Press, 2013 (272 pages).
2. Miller K, **Pence B**. "Descriptions of the family planning programs studied." In Miller, Kate et al., Eds., *Clinic-Based Family Planning and Reproductive Health Services in Africa: Findings from Situation Analysis Studies*. New York: Population Council, 1998 (13 pages).

Refereed journals† *Mentored trainee paper.** *Senior-authored paper.*

1. Golin CE, Knight K, Carda-Auten J, Gould M, Groves J, L White B, Bradley-Bull S, Amola K, Fray N, Rosen DL, Mugavero MJ, **Pence BW**, Flynn PM, Wohl D. "Individuals motivated to participate in adherence, care and treatment (imPACT): development of a multi-component intervention to help HIV-infected recently incarcerated individuals link and adhere to HIV care." *BMC Public Health* 16:935. PMID: PMC5011897.
2. †Gray CL, **Pence BW**, Messer LC, Ostermann J, Whetten RA, Thielman NM, O'Donnell K, Whetten K. "Civic engagement among orphans and non-orphans in five low- and middle-income countries." *Globalization and Health*: In press, 2016. PMID: In progress.
† *Mentored student paper.*
3. †*Bengtson AM, **Pence BW**, Crane HM, Christopoulos K, Fredericksen RJ, Gaynes BN, Heine AD, Mathews WC, Moore RD, Napravnik S, Safren S, Mugavero MJ. "Disparities in depressive symptoms and antidepressant treatment by gender and race/ethnicity among people living with HIV in the United States." *PLoS One* 11(8):e0160738, 2016. PMID: PMC4981370.
4. Lancaster KE, Lungu T, Mmodzi P, Hosseinipour MC, Chadwick K, Powers KA, **Pence BW**, Go VF, Hoffman IF, Miller WC. "The association between substance use and sub-optimal HIV treatment outcomes among HIV-infected female sex workers in Lilongwe, Malawi." *AIDS Care*: e-published, 2016. PMID: In progress.
5. *Quinlivan EB, Gaynes BN, Lee JS, Heine AD, Shirey K, Edwards M, Modi R, Willig J, **Pence BW**. "Suicidal ideation is associated with limited engagement in HIV care." *AIDS & Behavior*: e-published, 2016. PMID: In progress.
6. Reddy EA, Agala CB, Maro VP, Ostermann J, **Pence BW**, Itemba DK, Safley D, Yao J, Thielman NM, Whetten K. "Test site predicts HIV care linkage and antiretroviral therapy initiation: a prospective 3.5 year cohort study of HIV-positive testers in northern Tanzania." *BMCID*: In press, 2016. PMID: In progress.
7. †*Bengtson AM, **Pence BW**, Gaynes BN, Quinlivan EB, Heine AD, O'Donnell JK, Crane HM, Mathews WC, Moore RD, Westreich D, O'Cleirigh C, Christopoulos K, Mimiaga MJ, Mugavero MJ. "Improving depression among HIV-infected adults: transporting results from a randomized controlled trial to routine care." *JAIDS*: In press, 2016. PMID: In progress.
8. Cholera R, **Pence BW**, Gaynes BN, Bassett J, Qangule N, Pettifor A, Macphail C, Miller WC. "Depression and Engagement in Care Among Newly Diagnosed HIV-Infected Adults in Johannesburg, South Africa." *AIDS and Behavior*: Published online ahead of print, 2016. PMID: In progress.
9. Todd JV, Cole SR, **Pence BW**, Lesko CR, Bacchetti P, Cohen MH, Feaster DJ, Gange S, Griswold M, Mack W, Rubtsova A, Wang C, Weedon J, Anastos K, Adimora AA. "Effects of antiretroviral therapy and depressive symptoms on all-cause mortality among HIV infected women." *American Journal of Epidemiology*: In press, 2016. PMID: In progress.
10. Lancaster KE, Go VF, Lungu T, Mmodzi P, Hosseinipour MC, Chadwick K, Powers KA, **Pence BW**, Hoffman IF, Miller WC. "Substance use and HIV infection awareness among HIV-infected female sex workers in Lilongwe, Malawi." *International Journal of Drug Policy* 30:124-31, 2016. PMID: PMC4829472.
11. †Gray CL, **Pence BW**, Messer LC, Ostermann J, Whetten RA, Thielman NM, O'Donnell K, Whetten K. "Potentially traumatic experiences and sexual health among orphaned and

- separated adolescents in five low- and middle-income countries." *AIDS Care* 28(7):857-65, 2016. PMID: PMC4917905. † *Mentored student paper*.
12. Ramadhani HO, Bartlett JA, Thielman NM, **Pence BW**, Kimani SM, Maro VP, Mwako MS, Masaki LJ, Mmbando CE, Minja MG, Lirhunde ES, Miller WC. "The effect of switching to second-line antiretroviral therapy on the risk of opportunistic infections among patients infected with human immunodeficiency virus in northern Tanzania." *Open Forum in Infectious Diseases* 3(1):ofw018, 2016. PMID: PMC4776054.
 13. Lancaster KE, Powers KA, Lungu T, Mmodzi P, Hosseinipour MC, Chadwick K, Go VF, **Pence BW**, Hoffman IF, Miller WC. "The HIV care continuum among female sex workers, a key population in Lilongwe, Malawi." *PLoS One* 11(1): e0147662, 2016. PMID: PMC4726447.
 14. Bengtson AM, Chibwasha CJ, Westreich D, Mubiana-Mbewe M, Chi BH, Miller WC, Mapani M, **Pence BW**, Musonda P, Stringer J, Pettifor A. "A risk score to identify HIV-infected women most likely to become lost to follow-up in the postpartum period." *AIDS Care* 28(8):1035-45, 2016. PMID: PMC4974091.
 15. Bengtson AM, Westreich D, Musonda P, Pettifor A, Chibwasha C, Chi BH, Vwalika B, **Pence BW**, Stringer JSA, Miller WC. "Multiple overimputation as a method to address missing data and measurement error: an application to the relationship between duration of cART before delivery and pregnancy outcomes." *Epidemiology* 27(5):642-50, 2016. PMID: In progress.
 16. †*O'Donnell JK, Gaynes BN, Cole SR, Thielman NM, Edmonds A, Quinlivan EB, Heine A, Shirey K, Modi R, **Pence BW**. "Ongoing life stressors and suicidal ideation among HIV-infected adults with depression." *Journal of Affective Disorders* 190:322-8, 2016. PMID: PMC4685465. † *Mentored student paper*. * *Senior-authored*.
 17. *Sowa NA, Bengtson AM, Gaynes BN, **Pence BW**. "Predictors of depression recovery in HIV-infected individuals managed through measurement-based care in infectious disease clinics." *Journal of Affective Disorders* 192:153-61, 2015. PMID: PMC4728048. * *Senior-authored*.
 18. Ostermann J, **Pence BW**, Whetten K, Yao J, Itemba D, Maro V, Reddy E, Thielman N. "Disclosure special issue: HIV serostatus disclosure in the treatment cascade – evidence from Northern Tanzania." *AIDS Care* 27 supp 1:59-64, 2015. PMID: In progress.
 19. *Barroso J, Bengtson AM, Gaynes BN, McGuinness T, Quinlivan EB, Ogle M, Heine A, Thielman NM, **Pence BW**. "Improvements in depression and changes in fatigue: Results from the SLAM DUNC depression treatment trial." *AIDS & Behavior* 20(2):235-41, 2015. PMID: PMC4905567. * *Senior-authored*.
 20. *Gaynes BN, **Pence BW**, Atashili J, O'Donnell JK, Njamnshi AK, Tabenyang ME, Arrey CK, Whetten R, Whetten K, Ndumbe P. "Changes in HIV Outcomes Following Depression Care in a Resource-Limited Setting: Results from a Pilot Study in Bamenda, Cameroon." *PLoS One* 10(10):e0140001, 2015. PMID: PMC4607444. * *Senior-authored*.
 21. **Pence BW**, Gaynes BN, Adams JL, Thielman NM, Heine A, Mugavero MJ, McGuinness T, Raper JL, Willig JH, Shirey KG, Ogle M, Turner EL, Quinlivan EB. "The Effect of Antidepressant Treatment on HIV and Depression Outcomes: Results from a randomized trial." *AIDS* 29(15):1975-86, 2015. PMID: PMC4669218.
 22. **Pence BW**, Gaynes BN, Thielman NM, Heine A, Mugavero MJ, Turner EL, Quinlivan EB. "Balancing contamination and referral bias in a randomized clinical trial: An application of pseudo-cluster randomization." *American Journal of Epidemiology* 182(12):1039-46, 2015. PMID: PMC4675661.

23. †Gray CL, **Pence BW**, Ostermann J, Whetten RA, O'Donnell K, Thielman NM, Whetten K. "Prevalence and incidence of traumatic experiences among orphans in institutional and family-based care settings in five LMIC: A longitudinal study." *Global Health Science and Practice* 3(3):395-404, 2015. PMID: PMC4570014. † *Mentored student paper.*
24. *Gaynes BN, O'Donnell J, Nelson E, Heine A, Zinski A, Edwards M, McGuinness T, Modi R, Montgomery C, **Pence BW**. "Psychiatric Comorbidity in Depressed HIV-infected Individuals: Common and Clinically Consequential." *General Hospital Psychiatry* 37(4): 277-82, 2015. PMID: PMC4457699. * *Senior-authored.*
25. †Tumlinson K, **Pence BW**, Curtis SL, Marshall SW, Speizer IS. "Quality of care and contraceptive use in urban Kenya: a situation analysis." *International Perspectives on Sexual and Reproductive Health* 41(2):69-79, 2015. PMID: PMC4548971. † *Mentored student paper.*
26. †Gray CL, **Pence BW**, Ostermann J, Whetten RA, O'Donnell K, Thielman NM, Whetten K. "Gender (in)differences in prevalence and incidence of traumatic experiences among orphaned and separated children living in five low and middle income countries." *Global Mental Health* 2: e3, 2015. PMID: PMC4467827. † *Mentored student paper.*
27. †*Bengtson AM, **Pence BW**, O'Donnell JK, Thielman NM, Heine A, Zinski A, Modi R, McGuinness T, Gaynes BN. "Improvements in depression and changes in quality of life among HIV-infected adults." *AIDS Care* 27(1):47-53, 2015. PMID: PMC4402235. * *Senior-authored.* † *Mentored student paper.*
28. **Pence BW**, Quinlivan EB, Heine A, Edwards M, Thielman N, Gaynes BN. "When Need Plus Supply Does Not Equal Demand: Challenges in Uptake of Depression Treatment in HIV Clinical Care." *Psychiatric Services* 66(3):321-3, 2015. PMID: PMC4381922.
29. Barroso J, Leserman J, Harmon JL, Hammill BG, **Pence BW**. "Fatigue in HIV-infected people: A 3 year observational study." *Journal of Pain and Symptom Management* 50(1):69-79, 2015. PMID: PMC4492863.
30. Reif S, **Pence BW**, Hall I, Hu X, Whetten K, Wilson E. "HIV Diagnoses, Prevalence and Outcomes in Nine Southern States." *Journal of Community Health* 40(4):642-51, 2015. PMID: Not NIH-funded.
31. Sowa N, Cholera R, **Pence BW**, Gaynes BN. "Perinatal depression in HIV-infected African women: a systematic review." *Journal of Clinical Psychiatry* 76(10):1385-96, 2015. PMID: Not applicable.
32. †Tumlinson K, Speizer IS, Curtis SL, **Pence BW**. "Accuracy of Standard Measures of Family Planning Service Quality: Findings from the Simulated Client Method." *Studies in Family Planning* 45(4):443-70, 2014. PMID: PMC4258897. † *Mentored student paper.*
33. Ramadhani HO, Bartlett JA, Thielman NM, **Pence BW**, Kimani SM, Maro VP, Mwako MS, Masaki LJ, Mmbando CE, Minja MG, Lirhunde ES, Miller WC. "Association of first-line and second-line antiretroviral therapy adherence." *Open Forum in Infectious Diseases* 1(2):ofu079, 2014. PMID: PMC4281791.
34. Whetten K, Ostermann J, **Pence BW**, Whetten RA, Messer LC, Ariely S, O'Donnell K, Wasonga A, Vann V, Itemba D, Eticha M, Madan I, Thielman N. "Three-year change in the wellbeing of orphaned and separated children in institutional and family-based care settings in five low- and middle-income countries." *PLoS One* 9(8):e104872, 2014. PMID: PMC4146542.
35. Cholera R, Gaynes BN, **Pence BW**, Bassett J, Qangule N, Macphail C, Bernhardt S, Pettifor A, Miller WC. "Validity of the Patient Health Questionnaire-9 to screen for depression in a

- high-HIV burden primary healthcare clinic in Johannesburg, South Africa." *Journal of Affective Disorders* 167:160-6, 2014. PMID: PMC4264106.
36. Sumner SA, Pallangyo AJ, Reddy E, Maro V, **Pence BW**, Lynch C, Turner EL, Egger J, Thielman NM. "Effect of Free Distribution of Safety Equipment on Usage among Motorcycle-Taxi Drivers in Tanzania—A Cluster Randomized Controlled Trial." *Injury* 45(11):1681-6, 2014. PMID: Not NIH-funded.
 37. Belenky N, Cole SR, **Pence BW**, Itemba D, Maro V, Whetten K. "Depressive Symptoms, HIV Medication Adherence, and HIV Clinical Outcomes in Tanzania: A Prospective, Observational Study." *PLoS One*: 9(5):e95469, 2014. PMID: PMC4010413.
 38. **Pence BW**, Gaynes BN, Atashil J, O'Donnell JK, Kats D, Whetten K, Njamnshi AK, Mbu T, Kefie C, Asanji S, Ndumbe P. "Feasibility, Safety, Acceptability, and Preliminary Efficacy of Measurement-Based Care Depression Treatment for HIV Patients in Bamenda, Cameroon." *AIDS & Behavior* 18(6):1142-51, 2014. PMID: PMC4020960.
 39. Ostermann J, Whetten K, Reddy E, **Pence BW**, Weinhold A, Itemba D, Maro V, Mosille E, Thielman N, CHAT Research Team. "Treatment retention and care transitions during and after the scale-up of HIV care and treatment in Northern Tanzania." *AIDS Care* 26(11):1352-8, 2014. PMID: PMC4122642.
 40. O'Donnell K, Yao J, Ostermann J, Thielman N, Reddy E, Whetten R, Maro V, Itemba D, **Pence BW**, Dow D, Whetten K. "Low rates of child testing for HIV persist in a high-risk area of East Africa." *AIDS Care*: 26(3):326-31, 2014. PMID: PMC4420029.
 41. Thielman N, Ostermann J, Whetten K, Whetten R, Itemba D, Maro V, **Pence BW**, Reddy E. "Reduced Adherence to Antiretroviral Therapy among HIV-infected Tanzanians Seeking Cure from the Loliondo Healer." *JAIDS* 65(3):e104-9, 2014. PMID: PMC4006017.
 42. Reif S, Whetten K, Wilson E, McAllaster C, **Pence BW**, Legrand S, Gong W. "HIV/AIDS in the Southern United States: A Disproportionate Epidemic." *AIDS Care* 26(3):351-9, 2014. PMID: Not NIH-funded.
 43. Barroso J, Harmon JL, Leserman-Madison J, **Pence BW**. "Intensity, Chronicity, Circumstances, and Consequences of HIV-Related Fatigue: A Longitudinal Study." *Clinical Nursing Research* 23(5):514-28, 2014. PMID: PMC3867537
 44. **Pence BW**, Whetten K, Shirey K, Yao J, Thielman N, Whetten R, Itemba D, Maro V. "Factors associated with change in sexual transmission risk behavior over 3 years among HIV-infected patients in Tanzania." *PLoS One* 8(12): e82974, 2013. PMID: PMC3867466.
 45. Whetten K, Shirey K, **Pence BW**, Yao J, Thielman N, Whetten R, Adams J, Agala B, Ostermann J, O'Donnell K, Hobbie A, Maro V, Itemba D, Reddy E, CHAT Research Team. "Trauma history and depression predict incomplete adherence to antiretroviral therapies in a low income country." *PLoS One* 8(10):e74771, 2013. PMID: PMC3790775.
 46. *Edwards M, **Pence BW**, Quinlivan EB, Bess K, Gaynes BN, Heine A, Modi R. "Implementation of PHQ-9 Depression Screening for HIV-Infected Patients in a Real-World Setting." *Journal of the Association of Nurses in AIDS Care* 25(3):243-52, 2013. PMID: PMC3976873. * Senior-authored.
 47. Dow A, Dube Q, **Pence BW**, Van Rie A. "Postpartum Depression and HIV Infection among Women in Malawi." *JAIDS* 65(3):359-65, 2013. PMID: PMC4009700.
 48. Atashili J, Gaynes BN, **Pence BW**, Tayong G, Kats D, O'Donnell JK, Ndumbe PM, Njamnshi AK. "Prevalence, characteristics and correlates of a positive-dementia screen in patients on antiretroviral therapy in Bamenda, Cameroon: a cross-sectional study." *BMC Neurology* 13:86, 2013. PMID: PMC3716899.

49. *Bess K, Adams JL, Watt MH, O'Donnell JK, Gaynes BN, Thielman NM, Heine A, Zinski A, Raper JL, **Pence BW**. "Providers' Attitudes Towards Treating Depression and Self-Reported Depression Treatment Practices in HIV Outpatient Care." *AIDS Patient Care & STDs* 27(3):171-80, 2013. PMID: PMC3595951. * Senior-authored.
50. *Adams JL, Gaynes BN, McGuinness T, Modi R, Willig J, **Pence BW**. "Treating depression within the HIV "medical home": A guided algorithm for antidepressant management by HIV clinicians." *AIDS Patient Care and STDs* 26(11):647-54, 2012. PMID: PMC3495111. * Senior-authored.
51. Reif S, **Pence BW**, Legrand S, Wilson ES, Swartz M, Ellington T, Whetten K. "In-home Mental Health Treatment for Individuals With HIV." *AIDS Patient Care and STDs* 26(11):655-61, 2012. PMID: PMC3495109.
52. Whetten K, Reif S, Toth M, Jain E, Leserman J, **Pence BW**. "Relationship Between Trauma and High Risk Behavior among HIV Positive Men Who Don't have Sex with Men (MDSM)." *AIDS Care* 24(11):453-60, 2012. PMID: PMC3484220.
53. *Gaynes BN, **Pence BW**, Atashili J, O'Donnell JK, Kats D, Ndumbe PM. "Prevalence and predictors of major depression in HIV-infected patients on antiretroviral therapy in Bamenda, a semi-urban center in Cameroon." *PLoS One* 7(7):e41699, 2012. PMID: PMC3409230. * Senior-authored.
54. **Pence BW**, Gaynes BN, Atashili J, O'Donnell JK, Tayong G, Kats D, Whetten R, Whetten K, Njamshi AK, Ndumbe PM. "Validity of an Interviewer-Administered Patient Health Questionnaire-9 to Screen for Depression in HIV-Infected Patients in Cameroon." *Journal of Affective Disorders* 143(1-3):208-13, 2012. PMID: PMC3500577.
55. **Pence BW**, Gaynes BN, Williams Q, Modi R, Adams J, Quinlivan EB, Heine A, Thielman N, Mugavero MJ. "Assessing the effect of Measurement-Based Care depression treatment on HIV medication adherence and health outcomes: Rationale and design of the SLAM DUNC Study." *Contemporary Clinical Trials* 33(4):828-38, 2012. PMID: PMC3361555.
56. **Pence BW**, O'Donnell JK, Gaynes BN. "The depression treatment cascade in primary care: A public health perspective." *Current Psychiatry Reports* 14(4):328-35, 2012. PMID: PMC3410049.
57. **Pence BW**, Shirey K, Whetten K, Agala B, Itemba D, Adams J, Whetten R, Yao J, Shao J. "Prevalence of Psychological Trauma and Association with Current Health and Functioning in a Sample of HIV-infected and HIV-uninfected Tanzanian Adults." *PLoS One* 7(5):e36304, 2012. PMID: PMC3351441
58. **Pence BW**, O'Donnell JK, Gaynes BN. "Falling through the cracks: the gaps between depression prevalence, diagnosis, treatment, and response in HIV care." *AIDS* 26(5):656-8, 2012. PMID: PMC3691843.
59. **Pence BW**, Mugavero MJ, Carter TJ, Leserman J, Thielman NM, Raper JL, Proeschold-Bell RJ, Reif S, Whetten K. "Childhood trauma and health outcomes in HIV-infected patients: An exploration of causal pathways." *JAIDS* 59(4):409-16, 2012. PMID: PMC3299853.
60. Naggie S, Miller BA, Zuzak KB, **Pence BW**, Mayo AJ, Nicholson BP, Kutty PK, McDonald LC, Woods CW. "A case-control study of community-associated *Clostridium difficile* infection: no role for proton pump inhibitors." *Am J Med* 2011 Mar;124(3):276.e1-7. PMID: Not NIH-funded.
61. Whetten R, Messer L, Ostermann J, Whetten K, **Pence BW**, Buckner M, Thielman N, O'Donnell K; The Positive Outcomes for Orphans (POFO) Research Team. "Child work and labour among orphaned and abandoned children in five low and middle income countries." *BMC Int Health Hum Rights* 11(1):1, 2011. PMID: PMC3037885.

62. *Reif S, Mugavero MJ, Raper JL, Thielman NM, Leserman J, Whetten K, **Pence BW**. "Highly stressed: stressful and traumatic experiences among individuals with HIV/AIDS in the Deep South." *AIDS Care* 23(2): 152-162, 2011. PMID: PMC3728698. * Senior-authored.
63. Barroso J, Hammill BG, Leserman J, Salahuddin N, Harmon JL, **Pence BW**. "Physiological and psychosocial factors that predict HIV-related fatigue." *AIDS Behavior and Education* 14(6):1415-1427, 2010. PMID: PMC2975810.
64. Messer LC, **Pence BW**, Whetten K, Whetten R, Thielman N, O'Donnell K, Ostermann J. "Prevalence and predictors of HIV-related stigma among institutional- and community-based caregivers of orphans and vulnerable children living in five less-wealthy countries." *BMC Public Health* 19(10):504, 2010. PMID: PMC2936424.
65. Proeschold-Bell RJ, Heine A, **Pence BW**, McAdam K, Quinlivan EB. "A cross-site, comparative effectiveness study of an integrated HIV and substance use treatment program." *AIDS Patient Care and STDs* 24(10):651-658, 2010. PMID: Not NIH-funded.
66. **Pence BW**, Raper JL, Reif S, Thielman NM, Leserman J, Mugavero MJ. "Incident stressful and traumatic life events and HIV sexual transmission risk behaviors in a longitudinal, multi-site cohort study." *Psychosomatic Medicine*, 72(7):720-726, 2010. PMID: PMC3691861.
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68. Whetten K, Ostermann J, Whetten RA, **Pence BW**, O'Donnell K, Messer LC, Thielman NM; Positive Outcomes for Orphans (POFO) Research Team. "A comparison of the wellbeing of orphans and abandoned children ages 6-12 in institutional and community-based care settings in 5 less wealthy nations." *PLoS One* 4(12):e8169, 2009. PMID: PMC2790618.
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70. **Pence BW**, Miller WC, Gaynes BN. "Prevalence estimation and validation of new instruments in psychiatric research: An application of latent class analysis." *Psychological Assessment* 21(2): 235-239, 2009.
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72. **Pence BW**. "The impact of mental health and traumatic life experiences on antiretroviral treatment outcomes for people living with HIV/AIDS." *Journal of Antimicrobial Chemotherapy* 63(4):636-40, 2009. PMID: PMC2654041
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75. Mayhood MK, Afwamba IA, Odhiambo CO, Ndanu E, Morrissey AB, Shao JF, **Pence BW**, Crump JA. "Validation, performance under field conditions, and cost-effectiveness of Capillus™ HIV-1/HIV-2 and Determine™ HIV-1/2 rapid HIV antibody assays using

- sequential and parallel testing algorithms in Tanzania." *Journal of Clinical Microbiology* 46(12): 3946-3951, 2008.
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 82. Harmon J, Barroso J, **Pence BW**, Leserman J, Salahuddin N. "Demographic and illness-related variables associated with HIV-related fatigue." *Journal of the Association of Nurses in AIDS Care* 19(2): 90-97, 2008.
 83. Ostermann J, Kumar V, **Pence BW**, Whetten K. "Trends in HIV testing and discrepancies between planned and actual testing in the United States, 2000-2005." *Archives of Internal Medicine* 167(19): 2128-2135, 2007.
 84. **Pence BW**, Reif S, Whetten K, Leserman J, Stangl D, Swartz M, Thielman N, Mugavero MJ. "Minorities, the poor, and survivors of abuse: HIV-infected patients in the U.S. Deep South." *Southern Medical Journal* 100(11): 1114-1122, 2007.
 85. Leserman J, **Pence BW**, Whetten K, Mugavero MJ, Thielman NM, Swartz MS, Stangl D. "Relation of lifetime trauma and depressive symptoms to mortality in HIV." *American Journal of Psychiatry* 164(11): 1707-1713, 2007.
 86. Mugavero MJ, **Pence BW**, Whetten K, Leserman J, Swartz M, Stangl D, Thielman N. "Childhood sexual abuse or physical trauma and initial presentation for HIV care: An opportunity for early intervention." *AIDS Care* 19(9): 1083-1087, 2007.
 87. **Pence BW**, Nyarko P, Phillips JF, Debpuur C. "The effect of community nurses and health volunteers on child mortality: The Navrongo Community Health and Family Planning Project." *Scandinavian Journal of Public Health* 35(6): 599-608, 2007.
 88. Mugavero MJ, **Pence BW**, Whetten K, Leserman J, Swartz M, Stangl D, Thielman N. "Predictors of AIDS-related Morbidity and Mortality in a Southern US Cohort." *AIDS Patient Care and STDs* 21(9): 681-690, 2007.
 89. **Pence BW**, Miller WC, Gaynes BN, Eron Jr. JJ. "Psychiatric illness and virologic response in patients initiating highly active antiretroviral therapy." *JAIDS* 44(2): 159-166, 2007.
 90. Hossain MB, Phillips JF, **Pence BW**. "The effect of women's status on infant and child mortality in four rural areas of Bangladesh." *Journal of Biosocial Science* 39(3): 355-366, 2007.

91. Whetten K, Reif S, Ostermann J, **Pence BW**, Swartz M, Whetten R, Conover C, Bouis S, Thielman N, Eron J. "Improving health outcomes among individuals with HIV, mental illness, and substance use disorders in the Southeast." *AIDS Care* 18(Supp.1):S18-S26, 2006.
92. Whetten RA, Whetten K, **Pence BW**, Reif S, Conover CJ, Bouis S. "Does distance affect utilization of substance abuse and mental health services in the presence of transportation services?" *AIDS Care* 18(Supp.1):S27-S34, 2006
93. **Pence BW**, Miller WC, Whetten K, Eron Jr. JJ, Gaynes BN. "Prevalence of DSM-IV-defined mood, anxiety, and substance use disorders in an HIV clinic in the southeastern US." *JAIDS* 42(3): 298-306, 2006.
94. **Pence BW**, Gaynes BN, Whetten K, Eron Jr. JJ, Ryder RW, Miller WC. "Validation of a brief screening instrument for substance abuse and mental illness in HIV+ patients." *JAIDS* 40(4): 434-444, 2005.
95. Ford CA, **Pence BW**, Miller WC, Resnick MD, Bearinger LH, Pettingell S, Cohen M. "Predicting adolescents' longitudinal risk for sexually transmitted infection: Results from the National Longitudinal Study of Adolescent Health." *Archives of Pediatric and Adolescent Medicine* 159(7): 657-664, 2005.
96. Glover EK, Bannerman A, **Pence BW**, Jones H, Miller R, Weiss E, Nerquaye-Tetteh J. "Sexual health experiences of adolescents in three Ghanaian towns." *International Family Planning Perspectives* 29(1): 32-40, 2003.
97. Ngom P, Binka FN, Phillips JF, **Pence B**, MacLeod BB. "Demographic surveillance and health equity in sub-Saharan Africa: Past and present efforts." *Health Policy and Planning* 16(4): 337-344, 2001.
98. Phillips JF, MacLeod BB, **Pence B**. "The Household Registration System: Computer software for the rapid dissemination of demographic surveillance systems." *Demographic Research* vol. 2, article 6, June 2000.

Working papers

1. **Pence BW**, Nyarko P, Phillips JF, Debpuur C. "The effect of community nurses and health volunteers on child mortality: The Navrongo Community Health and Family Planning Project." Policy Research Division Working Paper Series No. 200. New York: Population Council, 2006 (22 pages).
2. Nyarko P, **Pence B**, Debpuur C. "Immunization status and child survival in rural Ghana." Policy Research Division Working Paper Series No. 147. New York: Population Council, 2001 (29 pages).

Invited Presentations

1. "The path to success starts with the right state of mind." Glasgow HIV Symposium, Glasgow, Scotland, October 25 2016.
2. "Outcomes of integrating depression treatment into HIV care in the southeastern United States." Southern HIV Alcohol Research Consortium, University of Florida, April 28 2016.
3. "Integrating evidence-based antidepressant management into HIV primary care: Lessons learned and key questions." Prevention Science and Methodology Grand Rounds, Northwestern University, February 23 2016.

4. "Beyond the Prescriber: Team management for better outcomes." ACTHIV Conference, Dallas, TX, May 2 2015.
5. "How Trauma and PTSD Affect the HIV 'Care Cascade' for HIV-Infected Women." Strategy Meeting on Trauma-Informed Primary Care for U.S. Women Living with HIV, Washington, DC, August 22-23 2013.
6. "Psychiatric Disorders and Health Outcomes in People Living with HIV: From Birmingham to Bamenda." Center for AIDS Research Speaker Series, the University of Alabama at Birmingham, May 2, 2013.
7. "Trauma, Sexual Risk, and HIV." Stigma, Social Inequality, and Sexual Risk Conference, Midwest AIDS Training and Education Center, Lansing, MI. September 29, 2012.
8. "Depression and ART Adherence." HIV Care 2012, Greensboro Area Health Education Center, Chapel Hill, NC, May 2012.
9. "Depression in HIV primary care." Division of Infectious Diseases/Center for AIDS Research Speaker Series, University of North Carolina-Chapel Hill, Chapel Hill, NC, September 2011.
10. "Screening tests, statistical significance, and Bayesian thinking." Division of Family Medicine speaker series, Duke University, Durham, NC, September 2011.
11. "The Potential for Integrating Best-Practices Depression Management Into Chronic Medical Care." Department of Psychiatry, University of Texas-Southwestern, Dallas, TX, May 2011.
12. "The HIV/AIDS epidemic in the southeastern United States." National Foundation for Black Public Administrators meeting, Durham, NC, January 18, 2009.
13. "The impact of mental illness on antiretroviral treatment outcomes." British HIV Association Annual Meeting plenary session, Belfast, Ireland, April 22 2008.
14. "Integrating enhanced depression and anxiety management into HIV clinical care." Division of Infectious Diseases/Center for AIDS Research Speaker Series, University of North Carolina-Chapel Hill, Chapel Hill, NC, May 2006.

Selected Peer-Reviewed Conference Presentations (Lead or Trainee-Authored)

1. **Pence BW**, Bengtson AM, Christopolous K, Cole SR, Crane H, Gaynes BN, Heine A, Mathews WC, Moore RD, Napravnik S, O'Clérigh, C, Safren S, Mugavero MJ. "The effect of depression on missed HIV medical visits among patients in the CFAR Network of Integrated Systems (CNICS) cohort in the United States." 11th International Conference on HIV Treatment and Prevention Adherence, Ft Lauderdale FL, 9-10 May 2016. Abstract # 204.
2. **Pence BW**, Boswell S, Christopolous K, Cole SR, Crane H, Geng E, Keruly J, Mathews WC, Mugavero MJ. "Who will show? Predicting missed visits in the CFAR Network of Integrated Systems (CNICS) cohort of patients in HIV care in the United States." 11th International Conference on HIV Treatment and Prevention Adherence, Ft Lauderdale FL, 9-10 May 2016. Abstract # 201.
3. Bengtson AM, **Pence BW**, Gaynes BN. "Efavirenz and suicidal ideation: evidence from the CNICS cohort." International Workshop on HIV Observational Databases, Budapest, Hungary, 7-9 April 2016.
4. Bengtson AM, **Pence BW**, Crane HM, Christopolous K, Heine A, Mathews WC, Mimiaga M, Moore RD, Napravnik S, O'Clérigh C, Mugavero MJ. "Depression Increases the Risk of

- Mortality in a Large Cohort of HIV-Infected Adults.” Conference on Retroviruses and Opportunistic Infections, Boston MA, 22-25 February 2016.
5. Siripong N, **Pence BW**. "Molecular Epidemiology of HIV outbreaks among people who inject drugs (PWID) in the Philippines." (Poster) 20th International Bioinformatics Workshop on Virus Evolution and Molecular Epidemiology (VEME), University of the West Indies, St. Augustine, Trinidad and Tobago, August 9-14, 2015.
 6. Siripong N, **Pence BW**. "Estimates of clustering coefficients describe HIV transmission dynamics among people who inject drugs." (Oral presentation). XXXV Sunbelt Conference of the International Network for Social Network Analysis (INSNA)., Brighton, UK. June 23-28, 2015.
 7. **Pence BW**, Quinlivan EB, Heine A, Edwards M, Modi R, Thielman N, Gaynes BN. "When Need Plus Supply Does Not Equal Demand: Challenges in Uptake of Depression Treatment in HIV Clinical Care." 9th International Conference on HIV Treatment and Prevention Adherence, Miami FL, 8-10 June 2014. Abstract # 399.
 8. O'Donnell JK, **Pence BW**, Cole SR, Edmonds A, Thielman N, Modi R, Williams Q, Gaynes BN. "The association of stressful life events with antiretroviral adherence, accounting for time-varying confounding by depressive severity." 47th Annual Society for Epidemiologic Research, Seattle WA, 24-27 June 2014.
 9. Cholera R, **Pence BW**, Crane HM, Modi R, Fredericksen R, Mugavero MJ. "The Depression Treatment Gap among HIV-Infected Patients in Routine HIV Care in a U.S. Clinical Cohort." 9th International Conference on HIV Treatment and Prevention Adherence, Miami FL, 8-10 June 2014. Abstract # 423.
 10. O'Donnell JK, **Pence BW**, Williams Q, Bengtson A, Modi R, Shirey K, Gaynes BN. "Coping style as a modifier of the relationship between severe life stressors and suicidal ideation among HIV-positive individuals with depression." Society for Epidemiologic Research Annual Meeting, Boston, MA, June 2013.
 11. Bengtson A, **Pence BW**, O'Donnell J. "Improving quality of life among HIV-infected adults: The importance of addressing depression." Society for Epidemiologic Research Annual Meeting, Boston, MA, June 2013.
 12. **Pence BW**, Gaynes BN, Heine A, Edwards M, O'Donnell J, Quinlivan EB. "Fidelity in implementation of a decision support intervention for depression management in HIV clinics." 8th International Conference on HIV Prevention and Treatment Adherence, Miami, FL, June 2013 (abstract # 131).
 13. **Pence BW**, Gaynes BN, Atashili J, O'Donnell J, Njamnshi A, Katz D, Ndumbe PN. "Feasibility, Safety, Acceptability, and Preliminary Efficacy of Measurement-Based Care Depression Treatment for HIV Patients in Bamenda, Cameroon." 8th International Conference on HIV Prevention and Treatment Adherence, Miami, FL, June 2013 (abstract # 129).
 14. Nelson E, Williams Q, O'Donnell J, Hawley M, Gaynes BN, Quinlivan EB, **Pence BW**. "The pill count effect: Do unannounced pill counts to measure adherence change pill-taking behavior?" 8th International Conference on HIV Prevention and Treatment Adherence, Miami, FL, June 2013 (abstract # 133).
 15. **Pence BW**, O'Donnell JK, Gaynes BN. "Falling through the cracks: the gaps between depression prevalence, diagnosis, treatment, and response in HIV care." 7th International Conference on HIV Treatment Adherence, Miami, FL, June 2012.
 16. Bess K, **Pence BW**, Gaynes BN, Adams J, O'Donnell JK, Heine A, Roytburd K. "Changes in HIV Providers' Management of Depression after Integration of Treatment Support into

- Clinical Care.” 7th International Conference on HIV Treatment Adherence, Miami, FL, June 2012.
17. Williams Q, **Pence BW**, Gaynes BN, Akerley J, Heine A. “Monthly assessments of stressful life events in HIV patients participating in an adherence trial.” 7th International Conference on HIV Treatment Adherence, Miami, FL, June 2012.
 18. **Pence BW**, Mugavero MJ, Carter TJ, Leserman J, Thielman NM, Raper JL, Proeschold-Bell RJ, Reif S, Whetten K. “Childhood trauma and health outcomes in HIV-infected patients: An exploration of causal pathways.” 6th International Conference on HIV Treatment Adherence, Miami, FL, May 2011
 19. Bess K, Akerley J, Adams J, Edwards M, Gaynes BN, Heine A, Quinlivan EB, Thielman NM, Williams Q, **Pence BW**. “HIV Providers’ Confidence and Expertise in Treating Depression: A report from the SLAM DUNC Study.” 6th International Conference on HIV Treatment Adherence, Miami, FL, May 2011.
 20. Akerley J, Adams J, Bess K, Edwards M, Gaynes BN, Heine A, Quinlivan EB, Thielman NM, Williams Q, **Pence BW**. “Successful initial implementation of phone-based pill counts as an objective measure of ARV adherence.” 6th International Conference on HIV Treatment Adherence, Miami, FL, May 2011.
 21. Akerley J, Adams J, Bess K, Edwards M, Gaynes BN, Heine A, Quinlivan EB, Thielman NM, Williams Q, **Pence BW**. “5.2 refills remaining: How HIV patients really receive, store, and take their medications.” 6th International Conference on HIV Treatment Adherence, Miami, FL, May 2011.
 22. **Pence BW**, Proescholdbell RJ, Leserman J, Mugavero MJ, Reif S, Whetten K, Thielman NM. “The influence of past traumatic experiences on HIV-related behaviors and health outcomes: An exploration of causal pathways.” 2010 American Psychosomatic Society Annual Meeting, Portland, OR, March 2010.
 23. **Pence BW**, JL Raper, S Reif, K Whetten, NM Thielman, J Leserman, MJ Mugavero. “The Association of Incident Stressful and Traumatic Life Events with HIV Sexual Transmission Risk Behaviors.” 2009 National HIV Prevention Conference, Atlanta, GA, August 2009.
 24. **Pence BW**, WC Miller, BN Gaynes, JJ Eron Jr. “Psychiatric illness and virologic response in patients initiating highly active antiretroviral therapy.” Society for Epidemiologic Research Annual Meeting, Boston, MA, June 2007.
 25. **Pence BW**, S Reif, K Whetten, J Leserman, D Stangl, M Swartz, N Thielman, MJ Mugavero. “Minorities, the poor, and survivors of abuse: HIV-infected patients in the U.S. Deep South.” Society for Epidemiologic Research Annual Meeting, Boston, MA, June 2007.
 26. **Pence BW**, BN Gaynes, WC Miller. “Validation of screening instruments with an imperfect reference standard: Use of latent class analysis to estimate sensitivity and specificity.” Society for Epidemiologic Research Annual Meeting, Seattle, WA, June 2006.
 27. **Pence BW**, BN Gaynes, K Whetten, JJ Eron Jr., RW Ryder, WC Miller. “Validation of a brief screening instrument for substance abuse and mental illness in HIV+ patients.” American Public Health Association Annual Meeting, Philadelphia, PA, December 2005.
 28. **Pence B**, P Nyarko, C Debpuur, JF Phillips. “The impact of the Navrongo Community Health and Family Planning Project on child mortality, 1993-2000.” General Assembly of the International Union for the Scientific Study of Population, Sao Paulo, Brazil, August 2001.

Dissertation

Pence, BW. “Identifying substance abuse and mental illness and assessing their impact on response to highly active antiretroviral therapy in HIV-positive patients.” Epidemiology Department, the University of North Carolina at Chapel Hill School of Public Health, 2005 (142 pages). **Advisor:** William C. Miller.

TEACHING ACTIVITIES

Curriculum Development

UNC-Chapel Hill (2013-present)

“Analytic Methods in Observational Epidemiology” (EPID 718). As part of transition to lead instructor for core department methods course, re-designed course to follow flipped-classroom model, with didactic content primarily delivered outside the classroom via video lectures and class time focused primarily on hands-on group activities and application of concepts.

Duke University (2005-2013):

“Global Health Research: Epidemiologic Methods I.” Developed and taught core epidemiologic methodology course for the new Master of Science in Global Health graduate program through the Duke Global Health Institute, 2009-2012.

“Theory and Quantitative Methods in Epidemiology” (Epid 715), University of North Carolina at Chapel Hill. Developed and taught new course content on quantitative bias analysis, spring 2009.

“Disease Detectives: Introduction to Public Health Investigation and Practice” (PPS 81), Duke University. Developed and taught one of four seminars in the Global Health FOCUS program for undergraduates, 2008.

“Research Methods Short Course.” Developed and taught one- and two-week short courses on public health research methodology for collaborators at international sites (Tanzania, Ghana) in 2000, 2006, 2007.

Courses taught

UNC-Chapel Hill (2013-present)

2014-present	Lead instructor: “Analytic Methods in Observational Epidemiology” (Epid 718), UNC-Chapel Hill PhD program. 38-49 graduate students.
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Duke University (2005-2013):

2009-2012 (4 years)	Lead instructor: “Global Health Research: Epidemiologic Methods I” (GLHLTH 320 / 705), Duke University Master of Science in Global Health program. 16-31 graduate students per year.
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2009	Co-Instructor: “Theory and Quantitative Methods in Epidemiology” (Epid 715), University of North Carolina at Chapel Hill. 43 graduate students.
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- 2009-2011 Instructor and Faculty Director, Health Disparities Fellowship, Duke Global Health Institute. 4-6 fellows per year.
- 2008 Lead instructor: "Disease Detectives: Introduction to Public Health Investigation and Practice" (PPS 81), Duke University. 15 undergraduates.
- 2006, 2007 Instructor: "Research Training Short Course" (2 weeks), Moshi, Tanzania. 12-15 professionals.
- 2006 Co-Instructor: "Public Health Research Methods and Issues" (PPS 263S), Duke University. 15 graduate and undergraduate students.

UNC-Chapel Hill PhD Student (2001-2005)

- 2005 Interim Instructor: "Intro to Logic and Probability Logic in Epidemiology" (Epid 158), University of North Carolina at Chapel Hill. 36 graduate students.
- 2005 Teaching Assistant: "Theory and Quantitative Methods in Epidemiology" (Epid 268), University of North Carolina at Chapel Hill. 15 graduate students in my section.

Advising

* *Completed degree or training*

UNC-Chapel Hill (2013-present)

Postdoctoral trainees

1. Angela Bengtson, 2015-present.
2. Jon Mills, 2016-present.

Dissertation committee chair

1. Bryna Harrington, Epid, 2014-present. "Peripartum depression, stressful life events, and HIV care retention among women in the Option B+ program in Malawi."
2. Christine Gray, Epid, 2014-present. "The effect of disruptions in care on cognitive outcomes and abuse among orphans and separated children."
3. Nalyn Siripong, Epid, 2013-present. "The Role of Network Structure in HIV Transmission among Injecting Drug Users in the Philippines: A Tale of Two Cities."
4. Nadya Belenky, Epid, 2013-present. "Effects of Medicare Part D Implementation on Medicaid-Medicare Dual Eligibles with HIV."
5. *Julie O'Donnell, Epid, 2013-2015. "Psychological and behavioral outcomes associated with stressful life events among HIV-infected persons with depression."
6. *Katherine Tumlinson, Epid, 2013-2014. "Measuring the quality of family planning service delivery in urban Kenya."

Masters thesis chair

1. Sara Levintow, Epid MSPH, 2014-present. "Depression and mortality among HIV-infected people who inject drugs in Vietnam."
2. *Tiffany Breger, Epid MSPH, 2013-2015. "Disclosure of HIV status and retention in care."

Academic advisor

1. Jane Chen, Epid, 2016-present.
2. Melissa Stockton, Epid, 2016-present.
3. Bethany DiPrete, Epid, 2016-present.

Dissertation committee member

1. Tiffany Breger, Epid, 2013-present.
2. Jennifer Yourkavitch, Epid, 2015-present.
3. Emily Learner, Epid, 2015-present.
4. Damon Ogburn, 2015-present.
5. Lisa Albert, 2015-present.
6. Lauren Hill, Nutrition, 2015-present.
7. Kathryn Houk, MCH, 2014-present.
8. Kathleen Kenny, MCH, 2014-present.
9. Stephanie DeLong, Epid, 2014-present.
10. *Maganizo Chagomerana, Epid, 2014-present.
11. *Jon Mills, University of Florida, 2014-present.
12. *Sabrina Zadrozny, Epid, 2015-2016.
13. *Kathryn Lancaster, Epid, 2013-2015.
14. *Angela Bengtson, Epid, 2014-2015.
15. *Qianlai Luo, Epid, 2013-2014.
16. *Habib Omari, Epid, 2012-2014.
17. *Rushina Cholera, Epid, 2011- 2014.

Masters thesis committee member

1. Marcela Castillo, Epid MSCR, 2016-present.
2. *Nadya Belenky, Epid MSPH, 2012.

Duke University (2005-2013):

Masters thesis chair

1. *Kristen Roehl, MScGH, 2010-11. "Diagnostic Performance of a Rapid Syphilis Test Among Pregnant Women in Lima, Peru."
2. *Cydney Justman, MScGH, 2011-13. "Intergenerational Influences and Migration: Rurality and Adolescent Fertility in Lujan, Argentina."
3. *Amanda Sheldon, MPP, 2008. "The Use of Material or Monetary Incentives for HIV Prevention at the Community Level."

Masters thesis committee member

1. *Steven Sumner, MScGH, 2012-2014
2. *Bethany DiPrete, MScGH, 2012-13
3. *Xiaochen Dai, MScGH, 2011-13
4. *Priya Krishnan, MScGH, 2011-13
5. *Victoria Kyerematen, MScGH, 2011-12
6. *Kendra Wheeler, MScGH, 2010-11
7. *Erin Sullivan, MPP, 2008
8. *Alissa Redmond, MPP, 2007

Undergraduate independent study advisor

1. Jane Zhu, Public Policy, 2005-6

Undergraduate Global Health field experience

1. Shuchi Parikh, 2009

GRANT SUPPORT**Current****Principal Investigator:**

- 2013-2016 R01 MH100970 (National Institute of Mental Health). "The Causal Effect of Effective Depression Treatment on HIV Outcomes in CNICS."
 This project will use data from the 8-site CNICS Cohort to define the magnitude of the "depression treatment gap," or opportunity for improvement in depression treatment, in current HIV primary care in the US and estimate the effect of antidepressant treatment on HIV-related behaviors and health outcomes

Past**Principal Investigator:**

- 2009-2015 R01 MH086362 (National Institute of Mental Health). "Improving HAART Adherence in Depressed HIV Clinic Patients: A Real World RCT."
 This project is a randomized trial of the effect of depression treatment integrated into HIV clinical care on HIV medication adherence and clinical outcomes at 4 US sites. The depression treatment intervention uses a model known as Measurement-Based Care which equips Care Coordinators with systematic measurement tools, a decision algorithm, and psychiatric backup and trains them to provide decision support to HIV clinicians to implement, monitor, and adjust antidepressant therapy.
- 2007-2010 R03 MH081776 (National Institute of Mental Health). "Secondary Analysis of Effect of Incident/Repeat Traumatic Events on HIV Outcomes."
 This project examined the influence of recent traumatic experiences such as sexual or physical assault or death of a loved one on HIV-related behaviors (medication adherence, transmission risk behaviors) and health outcomes in HIV-positive individuals in the Southern US.
- 2009-2013 **Co-Principal Investigator:** R34 MH084673 (National Institute of Mental Health). "Adapting a Depression Treatment Intervention for HIV Patients in Cameroon." Co-PI: Bradley Gaynes.
 This project adapted and piloted an evidence-based task-shifting depression treatment intervention for implementation with HIV patients in Cameroon.

Participating Investigator:

- 2003-2015 R01 HD046345 (National Institute of Child Health and Human Development). "HIV/AIDS and orphan care." PI: Kathryn Whetten. Role: Co-investigator.
 The objective of this 5 country, longitudinal study of 3,000 orphaned and abandoned children is to examine the influence of orphan placement and caregiver characteristics on child outcomes. The current 5 years focus on educational achievement, labor force participation, civic engagement, risk behaviors, marital formation and child bearing.
- 2010-2015 R01 DA030793 (National Institute on Drug Abuse). "RCT of an augmented test, treat, link, & retain model for NC and Texas prisoners." PI: David Wohl. Role:

Co-Investigator.

This project targets a group with a relatively high potential to transmit HIV—infected prisoners after their release. This RCT evaluates the impact of a motivational interviewing and linkage to care intervention on persistent suppression of HIV viremia and propensity to transmit HIV by prisoners after their release.

- 2012-2014 R01 MH78756S1 (National Institute of Mental Health). “Coping With HIV/AIDS in Russia” (Supplement to CHAT). PI: Kathryn Whetten. Role: Co-Investigator. This supplement collected cross-sectional pilot data on the associations between psychosocial factors and HIV-related behaviors and health status among HIV patients newly entering care and in established care in the St. Petersburg region of Russia.
- 2007-2014 R01 MH78756 (National Institute of Mental Health). “Coping With HIV/AIDS in Tanzania.” PI: Kathryn Whetten. Role: Co-Investigator. The objective of this study is to understand the factors influencing HIV medication adherence in less wealthy nations in order to slow down the spread of medication-resistant virus. We examine associations of psychosocial (including trauma, mental illness, coping strategies, and life events), sociodemographic, and economic factors with health status, adherence to ART, health promotion, and high risk activities.
- 2009-2011 R21-MH082686 (National Institute of Mental Health). “Collaborative HIV/AIDS Prevention and Mental Health Treatment Project.” PI: Reif. Role: Co-Investigator. This project adapted and implemented the evidence-based Illness Management and Recovery (IMR) mental health treatment model for use in with HIV-infected individuals with mental disorders and examined preliminary effectiveness in improving motivation for mental health treatment and reducing psychiatric symptoms, substance use, and HIV risk behavior in Mecklenburg County, North Carolina.
- 2004-2010 R01 NR008681 (National Institute of Nursing Research). “Fatigue in HIV-Positive People.” PI: Julie Barroso. Role: Co-Investigator. This prospective, longitudinal study described the level, circumstances, and consequences of fatigue in a group of community-dwelling HIV-positive individuals and examined the relationship of physiological and psychosocial variables with chronicity of fatigue over time in HIV-positive individuals.
- 2005-2008 R21 AA0150052 (National Institute of Alcohol Abuse and Alcoholism). “Secondary Data Analysis of HIV and Alcohol.” PI: Whetten. Role: Co-Investigator. This study examined the effects of alcohol consumption on preventive and risk behaviors associated with contracting HIV, HIV medication receipt and adherence, health status, and health care utilization and costs.
- 2003-2005 UNC CFAR Developmental Award. “Validation of a mental health and substance abuse screening instrument in an outpatient HIV+ population.” PI: Bradley Gaynes. Role: Co-PI.

The objective of this study was to establish the test characteristics of a brief screening instrument for the identification of HIV-infected patients with mood, anxiety, and substance use disorders.

- 2000-2006 R01 MH61687-01A1 (National Institute of Mental Health). "Coping with HIV/AIDS in the Rural Southeast." PI: Kathryn Whetten. Role: Co-Investigator. This study examined the relationship between traumatic experiences, mental illness, and other psychosocial characteristics with HIV-related behavioral and health outcomes in a longitudinal cohort of HIV-infected individuals in the South.

PROFESSIONAL SERVICE

National Service

National Institutes of Health Scientific Review Groups

- Special Emphasis Panel, U.S.-South Africa Collaborative Research on HIV, July 2014
- BSCH (Behavioral & Social Consequences of HIV Study Section), December 2013
- Special Emphasis Panel (ZRG1 AARR-F (02)), March 2013
- Special Emphasis Panel, Grand Challenges in Global Mental Health, November 2012
- Special Emphasis Panel, Global Mental Health Hubs, April 2012
- Special Emphasis Panel (ZRG1 AARR-F(02)), March 2012
- Special Emphasis Panel, Promoting Engagement in Care and Timely Antiretroviral Initiation Following HIV Diagnosis, November 2011
- BSCH (Behavioral & Social Consequences of HIV Study Section), July 2011
- Special Emphasis Panel, Global Mental Health Hubs, April 2011
- HIV Exploratory Applications (R34), March 2010
- HIV Exploratory Applications (R34), July 2009

Advisory Boards / Other

- **Co-Chair**, Data Safety and Monitoring Board, Global Mental Health Hubs, National Institute of Mental Health, 2012-present
- Member, National Strategy Group to Develop a Model of Trauma-Informed Primary Care for Women Living with HIV, 2013-present
- Member, Scientific Advisory Board, California Clinical Trials Group, 2012-present
- Member, The University of North Carolina at Chapel Hill, Center for AIDS Research External Advisory Board, 2010

Peer Review

Ad hoc reviewer: *Archives of Pediatric and Adolescent Medicine; Epidemiology; American Journal of Public Health; Global Mental Health; Journal of Clinical Psychiatry; JAIDS; AIDS Behavior and Education; AIDS Care; AIDS Patient Care and STDs; Journal of Health, Population, and Nutrition; Antiviral Therapy; HIV Therapy; SAHARA; The Patient: Patient-Centered Outcomes Research*

University Service

UNC-Chapel Hill (2013-present)

- Member, Gillings MPH Core Planning Committee, 2015-2016
- Member, Graduate Studies Committee, Epidemiology Department, 2014-present
- Member, Internal Advisory Board, Center for AIDS Research, Social & Behavioral Sciences Core, 2014-present
- Reviewer, Gillings Innovation Laboratory proposals, 2014
- Reviewer, Greenberg Dissertation Award submissions, 2014

Duke University (2005-2013):***Leadership Roles***

- Associate Director of Graduate Studies, Master of Science in Global Health Program, Duke University, 2011-2013
- Chair, Curriculum Review Committee, Master of Science in Global Health Program, Duke University, 2011-2013
- Chair, Independent Review Committee for Global Health Education Program Proposals in Kunshan, China, Duke University, 2011
- Faculty Director and Steering Committee Member, Health Disparities Fellowship Program, Duke University, 2008-2011

Membership

- Member, Planning Task Force, PhD Program in the Quantitative Sciences, School of Medicine, 2012-2013
- Member, Epidemiology & Biostatistics Curriculum Review Working Group, Primary Care Leadership Track, Department of Community and Family Medicine, 2010-2013
- Member, Master of Science in Global Health Advisory Committee, 2010-2011
- Member, DGHI Metrics Task Force, 2010
- Member, Exploratory Committee on Global Mental Health, Department of Psychiatry and the Duke Global Health Institute, 2009-2012
- Member, Global Health Certificate Curriculum Committee, 2009-2011
- Member, Appointments Committee, Sanford Institute of Public Policy, 2007-2008
- Member, Fulbright Review Committee, 2005

Peer and Awards Review

- Reviewer, Duke Global Health Institute Peer Review, 2009-2013
- Reviewer, Center for AIDS Research Peer Review, 2009-2013
- Reviewer, Center for AIDS Research Small Grants Award Committee, 2008