

DUKE UNIVERSITY MEDICAL CENTER
CURRICULUM VITAE
for
Permanent Record
and the
Appointments and Promotions Committee

Date Prepared: December 9, 2016

Name: Nathan Maclyn Thielman, MD, MPH

Primary academic appointment: Department of Medicine

Present academic rank and title (if any):

Professor of Medicine (with tenure)
Research Professor of Global Health
Director, Duke Global Health Pathway for Residents and Fellows
Associate Director, Master of Science in Global Health Program

Date and rank of first Duke Faculty appointment: September 1, 2000
Assistant Professor of Medicine

Medical Licensure: North Carolina License # 35568

Date of License (Month/Day/Year): June 6, 1992

Specialty certification(s) and dates:

American Board of Internal Medicine

Initial Certifications, 1993, 2004 and not participating in Maintenance of Certification

American Board of Internal Medicine, Infectious Diseases

Initial Certification, 1996; Certified and Participating in Maintenance of Certification

Citizen of: United States of America

<u>Education</u>	<u>Institution</u>	<u>Date</u>	<u>Degree</u>
High School	Owen High School Swannanoa, NC	1982	
College	Wheaton College Wheaton, IL	8/82-5/86	BA <i>summa cum laude</i>
Graduate or Professional School	Duke University Durham, NC	8/86-5/90	MD
	University of North Carolina Chapel Hill, NC	8/88-5/89	MPH

Scholarly societies:

Wheaton College Scholastic Honor Society

Delta Omega

Professional training and academic career (chronologically, beginning with first postgraduate position):

<u>Institution</u>	<u>Position/Title</u>	<u>Dates</u>
Duke University Medical Center	Intern	7/90-7/91
Duke University Medical Center 7/91-7/93	Resident	
University of Virginia Health Sciences Center	Fellow	7/93-7/96
University of Virginia Health Sciences Center	Research Assistant Professor of Internal Medicine, Divisions of Geographic Medicine and Infectious Diseases	7/96-7/97
Medical University of South Carolina	Assistant Professor of Medicine, Division of Infectious Diseases	7/97-9/00
Duke University Medical Center	Assistant Professor of Medicine, Associate Professor of Medicine Division of Infectious Diseases	9/00-9/05 10/05-

Publications: (Do not include submitted papers or papers in preparation. List separately those papers in press.)

Refereed journals:¹⁻¹⁰¹

- Guerrant RL, Fang GD, Thielman NM, Fonteles MC (1994). Role of platelet activating factor in the intestinal epithelial secretory and Chinese hamster ovary cell cytoskeletal responses to cholera toxin. Proc Natl Acad Sci U S A 91(20):9655-8. PMID: PMC44872.
- Fonteles M, Fang G, Thielman NM, Yotseff PS, Guerrant RL (1995). Role of platelet activating factor in the inflammatory and secretory effects of Clostridium difficile toxin A. J Lipid Mediat Cell Signal 11(2):133-43.
- Miller WC, Thielman NM, Swai N, Cegielski JP, Shao J, Manyenga D, Mlalasi J, Lallinger GJ (1995). Diagnosis and screening of HIV/AIDS using clinical criteria in Tanzanian adults. J Acquir Immune Defic Syndr Hum Retrovirol 9(4):408-14.
- Miller WCW, Thielman NMN, Swai NN, Cegielski JPJ, Shao JJ, Ting DD, Mlalasi JJ, Manyenga DD, Lallinger GJG (1996). Delayed-type hypersensitivity testing in Tanzanian adults with HIV infection. J. Acquir. Immune Defic. Syndr. Hum. Retrovirol. 12(3):303-8.
- Thielman NM, Guerrant RL (1996). From Rwanda to Wisconsin: the global relevance of diarrhoeal diseases. J Med Microbiol 44(3):155-6.
- Thielman NM, Marcinkiewicz M, Sarosiek J, Fang GD, Guerrant RL (1997). Role of platelet-activating factor in Chinese hamster ovary cell responses to cholera toxin. J Clin Invest 99(8):1999-2004. PMID: PMC508025.
- Guerrant RL, Van Gilder T, Steiner TS, Thielman NM, Slutsker L, Tauxe RV, Hennessy T, Griffin PM, DuPont H, Sack RB, Tarr P, Neill M, Nachamkin I, Reller LB, Osterholm MT, Bennis ML, Pickering LK, Infectious Diseases Society of A (2001). Practice guidelines for the management of infectious diarrhea. Clin Infect Dis 32(3):331-51.
- Vemulapalli RK, Cantey JR, Steed LL, Knapp TL, Thielman NM (2001). Emergence of

- resistance to clarithromycin during treatment of disseminated cutaneous *Mycobacterium chelonae* infection: case report and literature review. J Infect 43(3):163-8.
9. Thielman NM, Rust PF, Guerrant RL (2002). Criterion-related validity of a diarrhea questionnaire in HIV-infected patients. Dig Dis Sci 47(7):1421-6.
 10. Brantley RK, Williams KR, Silva TMJ, Sstrom M, Thielman NM, Ward H, Lima AAM, Guerrant RL (2003). AIDS-associated diarrhea and wasting in Northeast Brazil is associated with subtherapeutic plasma levels of antiretroviral medications and with both bovine and human subtypes of *Cryptosporidium parvum*. Braz J Infect Dis 7(1):16-22.
 11. Ole-Nguyaine S, Crump JA, Kibiki GS, Kiang K, Taylor J, Schimana W, Bartlett JA, Shao JF, Hamilton JD, Thielman NM (2004). HIV-associated morbidity, mortality and diagnostic testing opportunities among inpatients at a referral hospital in northern Tanzania. Ann. Trop. Med. Parasitol. 98(2):171-9.
 12. Thielman NM, Guerrant RL (2004). Clinical practice. Acute infectious diarrhea. N Engl J Med 350(1):38-47.
 13. Cheng AC, McDonald JR, Thielman NM (2005). Infectious diarrhea in developed and developing countries. J Clin Gastroenterol 39(9):757-73.
 14. Chu HY, Crump JA, Ostermann J, Oenga RB, Itemba DK, Mgonja A, Mtwewe S, Bartlett JA, Shao JF, Thielman NM (2005). Sociodemographic and clinical characteristics of clients presenting for HIV voluntary counselling and testing in Moshi, Tanzania. Int J STD AIDS 16(10):691-6.
 15. Leserman J, Whetten K, Lowe K, Stangl D, Swartz MS, Thielman NM (2005). How trauma, recent stressful events, and PTSD affect functional health status and health utilization in HIV-infected patients in the south. Psychosom Med 67(3):500-7.
 16. Whetten K, Reif SS, Napravnik S, Swartz MS, Thielman NM, Eron JJ, Lowe K, Soto T (2005). Substance abuse and symptoms of mental illness among HIV-positive persons in the Southeast. South Med J 98(1):9-14.
 17. Kibiki GS, Thielman NM, Maro VP, Sam NE, Dolmans WM, Crump JA (2006). Hookworm infection of the duodenum associated with dyspepsia and diagnosed by oesophagoduodenoscopy: case report. East Afr Med J 83(12):689-92.
 18. Mugavero M, Ostermann J, Whetten K, Leserman J, Swartz M, Stangl D, Thielman N (2006). Barriers to antiretroviral adherence: the importance of depression, abuse, and other traumatic events. AIDS Patient Care STDS 20(6):418-28.
 19. Thielman NM, Chu HY, Ostermann J, Itemba DK, Mgonja A, Mtwewe S, Bartlett JA, Shao JF, Crump JA (2006). Cost-effectiveness of free HIV voluntary counseling and testing through a community-based AIDS service organization in Northern Tanzania. Am J Public Health 96(1):114-9. PMID: PMC1470448.
 20. Whetten K, Leserman J, Lowe K, Stangl D, Thielman N, Swartz M, Hanisch L, Van Scoyoc L (2006). Prevalence of childhood sexual abuse and physical trauma in an HIV-positive sample from the deep south. Am J Public Health 96(6):1028-30. PMID: PMC1470636.

21. Cheng AC, Zakhidov BO, Babadjonova LJ, Rogers NK, McCollum CJ, Hillyer GV, Thielman NM (2007). A 6-year-old boy with facial swelling and monocular blindness. Clin. Infect. Dis. 45(9):1207-38-9.
22. Landman KZ, Thielman NM, Mgonja A, Shao HJ, Itemba DK, Ndosu EM, Tribble AC, Shao JF, Bartlett JA, Crump JA (2007). Antiretroviral treatment literacy among HIV voluntary counseling and testing clients in Moshi, Tanzania, 2003 to 2005. Journal of the International Association of Physicians in AIDS Care (JIAPAC) 6(1):24-6.
23. Leserman J, Pence BW, Whetten K, Mugavero MJ, Thielman NM, Swartz MS, Stangl D (2007). Relation of lifetime trauma and depressive symptoms to mortality in HIV. Am J Psychiatry 164(11):1707-13.
24. Morpeth SC, Crump JA, Shao HJ, Ramadhani HO, Kisenge PR, Moylan CA, Naggie S, Caram LB, Landman KZ, Sam NE, Itemba DK, Shao JF, Bartlett JA, Thielman NM (2007). Predicting CD4 lymphocyte count < 200 cells/mm³ in an HIV type 1-infected African population. AIDS Res Hum Retroviruses 23(10):1230-6.
25. Mugavero MJ, Pence BW, Whetten K, Leserman J, Swartz M, Stangl D, Thielman NM (2007). Childhood abuse and initial presentation for HIV care: an opportunity for early intervention. AIDS Care 19(9):1083-7.
26. Mugavero MJ, Pence BW, Whetten K, Leserman J, Swartz M, Stangl D, Thielman NM (2007). Predictors of AIDS-related morbidity and mortality in a southern U.S. Cohort. AIDS Patient Care STDS 21(9):681-90.
27. Pence BW, Reif S, Whetten K, Leserman J, Stangl D, Swartz M, Thielman N, Mugavero MJ (2007). Minorities, the poor, and survivors of abuse: HIV-infected patients in the US deep South. South Med J 100(11):1114-22.
28. Ramadhani HO, Thielman NM, Landman KZ, Ndosu EM, Gao F, Kirchherr JL, Shah R, Shao HJ, Morpeth SC, McNeill JD, Shao JF, Bartlett JA, Crump JA (2007). Predictors of incomplete adherence, virologic failure, and antiviral drug resistance among HIV-infected adults receiving antiretroviral therapy in Tanzania. Clin Infect Dis 45(11):1492-8.
29. Reif S, Whetten K, Thielman N (2007). Association of race and gender with use of antiretroviral therapy among HIV-infected individuals in the Southeastern United States. South Med J 100(8):775-81.
30. Landman KZ, Ostermann J, Crump JA, Mgonja A, Mayhood MK, Itemba DK, Tribble AC, Ndosu EM, Chu HY, Shao JF, Bartlett JA, Thielman NM (2008). Gender differences in the risk of HIV infection among persons reporting abstinence, monogamy, and multiple sexual partners in northern Tanzania. PLoS ONE 3(8):e3075.
31. Mayhood MK, Afwamba IA, Odhiambo CO, Ndanu E, Thielman NM, Morrissey AB, Shao JF, Wells Pence B, Crump JA (2008). Validation, performance under field conditions, and cost-effectiveness of Capillus HIV-1/HIV-2 and determine HIV-1/2 rapid human immunodeficiency virus antibody assays using sequential and parallel testing algorithms in Tanzania. Journal of Clinical Microbiology 46(12):3946-51.
32. Morpeth SC, Thielman NM, Ramadhani HO, Hamilton JD, Ostermann J, Kisenge PR, Shao HJ,

- Reller LB, Itemba DK, Sam NE, Bartlett JA, Shao JF, Crump JA (2008). Effect of trimethoprim-sulfamethoxazole prophylaxis on antimicrobial resistance of fecal *Escherichia coli* in HIV-infected patients in Tanzania. J. Acquir. Immune Defic. Syndr. 47(5):585-91.
33. Pence BW, Ostermann J, Kumar V, Whetten K, Thielman N, Mugavero MJ (2008). The influence of psychosocial characteristics and race/ethnicity on the use, duration, and success of antiretroviral therapy. JAIDS Journal of Acquired Immune Deficiency Syndromes 47(2):194-201.
 34. Pence BW, Thielman NM, Whetten K, Ostermann J, Kumar V, Mugavero MJ (2008). Coping strategies and patterns of alcohol and drug use among HIV-infected patients in the United States Southeast. AIDS Patient Care STDS 22(11):869-77.
 35. Seshadri C, Uiso LO, Ostermann J, Diefenthal H, Shao HJ, Chu HY, Asmuth DM, Thielman NM, Bartlett JA, Crump JA (2008). Low sensitivity of T-cell based detection of tuberculosis among HIV co-infected Tanzanian in-patients. East Afr Med J 85(9):442-9.
 36. Crump JA, van Ingen J, Morrissey AB, Boeree MJ, Mavura DR, Swai B, Thielman NM, Bartlett JA, Grossman H, Maro VP, van Soolingen D (2009). Invasive disease caused by nontuberculous mycobacteria, Tanzania. Emerg. Infect. Dis. 15(1):53-5.
 37. Mugavero MJ, Raper JL, Reif S, Whetten K, Leserman J, Thielman NM, Pence BW (2009). Overload: impact of incident stressful events on antiretroviral medication adherence and virologic failure in a longitudinal, multisite human immunodeficiency virus cohort study. Psychosomatic Medicine 71(9):920-6.
 38. Shao HJ, Crump JA, Ramadhani HO, Uiso LO, Ole-Nguyaine S, Moon AM, Kiwera RA, Woods CW, Shao JF, Bartlett JA, Thielman NM (2009). Early versus delayed fixed dose combination abacavir/lamivudine/zidovudine in patients with HIV and tuberculosis in Tanzania. AIDS Res Hum Retroviruses 25(12):1277-85.
 39. Shorter MM, Ostermann J, Crump JA, Tribble AC, Itemba DK, Mgonja A, Mtalo A, Bartlett JA, Shao JF, Schimana W, Thielman NM (2009). Characteristics of HIV voluntary counseling and testing clients before and during care and treatment scale-up in Moshi, Tanzania. J. Acquir. Immune Defic. Syndr. 52(5):648-54.
 40. Tillekeratne LG, Thielman NM, Kiwera RA, Chu HY, Kaale L, Morpeth SC, Ostermann J, Mtweve SP, Shao JF, Bartlett JA, Crump JA (2009). Morbidity and mortality among a cohort of HIV-infected adults in a programme for community home-based care, in the Kilimanjaro Region of Tanzania (2003-2005). Ann. Trop. Med. Parasitol. 103(3):263-73.
 41. Tribble AC, Hamilton CD, Crump JA, Mgonja A, Mtalo A, Ndanu E, Itemba DK, Landman KZ, Shorter M, Ndosu EM, Shao JF, Bartlett JA, Thielman NM (2009). Missed opportunities for diagnosis of tuberculosis and human immunodeficiency virus co-infection in Moshi, Tanzania. Int J Tuberc Lung Dis 13(10):1260-6.
 42. Whetten K, Ostermann J, Whetten RA, Pence BW, O'Donnell K, Messer LC, Thielman NM, Positive Outcomes for Orphans (POFO) Research Team (2009). 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.
 43. Zou J, Yamanaka Y, John M, Watt M, Ostermann J, Thielman N (2009). Religion and HIV in

- Tanzania: influence of religious beliefs on HIV stigma, disclosure, and treatment attitudes. BMC Public Health 9:75.
44. Asmuth DM, Murphy RL, Rosenkranz SL, Lertora JLL, Kottiril S, Cramer Y, Chan ES, Schooley RT, Rinaldo CR, Thielman N, Li X-D, Wahl SM, Shore J, Janik J, Lempicki RA, Simpson Y, Pollard RB (2010). Safety, Tolerability, and Mechanisms of Antiretroviral Activity of Pegylated Interferon Alfa-2a in HIV-1-Monoinfected Participants: A Phase II Clinical Trial. J Infect Dis 201(11):1686-96.
 45. Messer LC, Pence BW, Whetten K, Whetten R, Thielman N, O'Donnell K, Ostermann J (2010). 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 10(1):504.
 46. Pence BW, Raper JL, Reif S, Thielman NM, Leserman J, Mugavero MJ (2010). Incident Stressful and Traumatic Life Events and Human Immunodeficiency Virus Sexual Transmission Risk Behaviors in a Longitudinal, Multisite Cohort Study. Psychosomatic Medicine 72(7):720-6.
 47. Ostermann J, Reddy EA, Shorter MM, Muiruri C, Mtalo A, Itemba DK, Njau B, Bartlett JA, Crump JA, Thielman NM (2011). Who tests, who doesn't, and why? Uptake of mobile HIV counseling and testing in the Kilimanjaro Region of Tanzania. PLoS ONE 6(1):e16488. PMID: Pmc3031571.
 48. Prabhu M, McHome B, Ostermann J, Itemba D, Njau B, Thielman N, Group K-DVS (2011). Prevalence and correlates of intimate partner violence among women attending HIV voluntary counseling and testing in northern Tanzania, 2005-2008. International Journal of Gynecology and Obstetrics 113(1):63-7.
 49. Reif S, Mugavero M, Raper J, Thielman N, Leserman J, Whetten K, Pence BW (2011). Highly stressed: stressful and traumatic experiences among individuals with HIV/AIDS in the Deep South. AIDS Care 23(2):152-62.
 50. Saunders KO, Ward-Caviness C, Schutte RJ, Freel SA, Overman RG, Thielman NM, Cunningham CK, Kepler TB, Tomaras GD (2011). Secretion of MIP-1 β and MIP-1 α by CD8(+) T-lymphocytes correlates with HIV-1 inhibition independent of coreceptor usage. Cell Immunol 266(2):154-64.
 51. Waters RC, Ostermann J, Reeves TD, Masnick MF, Thielman NM, Bartlett JA, Crump JA (2011). A cost-effectiveness analysis of alternative HIV re-testing strategies in sub-Saharan Africa. J. Acquir. Immune Defic. Syndr. 56(5):443-52.
 52. Watt MH, Aronin EH, Maman S, Thielman N, Laiser J, John M (2011). Acceptability of a group intervention for initiates of antiretroviral therapy in Tanzania. Glob Public Health (4):433-6.
 53. Whetten K, Ostermann J, Whetten R, O'Donnell K, Thielman N, Team TPOfOR (2011). More than the loss of a parent: Potentially traumatic events among orphaned and abandoned children. J Trauma Stress 24(2):174-82.
 54. Whetten R, Messer L, Ostermann J, Whetten K, Wells Pence B, Buckner M, Thielman N, O'Donnell K, Positive Outcomes for Orphans (POFO) Research Team (2011). Child work and labour among orphaned and abandoned children in five low and middle income countries. Bmc

55. Casey ER, Muro F, Thielman NM, Maya E, Ossmann EW, Hocker MB, Gerardo CJ (2012). Analysis of traumatic injuries presenting to a referral hospital emergency department in Moshi, Tanzania. Int J Emerg Med 5(1):28.
56. Fiorillo SP, Landman KZ, Tribble AC, Mtalo A, Itemba DK, Ostermann J, Thielman NM, Crump JA (2012). Changes in HIV risk behavior and seroincidence among clients presenting for repeat HIV counseling and testing in Moshi, Tanzania. AIDS Care 24(10):1264-71.
57. Joharifard S, Rulisa S, Niyonkuru F, Weinhold A, Sayinzoga F, Wilkinson J, Ostermann J, Thielman NM (2012). Prevalence and predictors of giving birth in health facilities in Bugesera district, Rwanda. BMC Public Health 12(1):1049.
58. O'Donnell K, Murphy R, Ostermann J, Masnick M, Whetten RA, Madden E, Thielman NM, Whetten K, Positive Outcomes for Orphans (POFO) Research Team (2012). A brief assessment of learning for orphaned and abandoned children in low and middle income countries. AIDS Behav 16(2):480-90.
59. Pence BW, Gaynes BN, Williams Q, Modi R, Adams J, Quinlivan EB, Heine A, Thielman N, Mugavero MJ (2012). Assessing the effect of Measurement-Based Care depression treatment on HIV medication adherence and health outcomes: Rationale and design of the SLAM DUNC Study. Contemp Clin Trials 33(4):828-38.
60. Pence BW, Mugavero MJ, Carter TJ, Leserman J, Thielman NM, Raper JL, Proeschold-Bell RJ, Reif S, Whetten K (2012). Childhood trauma and health outcomes in HIV-infected patients: an exploration of causal pathways. J. Acquir. Immune Defic. Syndr. 59(4):409-16.
61. Puri R, Rulisa S, Joharifard S, Wilkinson J, Kyamanywa P, Thielman N (2012). Knowledge, attitudes, and practices in safe motherhood care among obstetric providers in Bugesera, Rwanda. International Journal of Gynecology and Obstetrics 116(2):124-7.
62. Thielman N, Ostermann J, Whetten K, Whetten R, O'Donnell K, Positive Outcomes for Orphans (POFO) Research Team (2012). Correlates of Poor Health among Orphans and Abandoned Children in Less Wealthy Countries: The Importance of Caregiver Health. PLoS ONE 7(6):e38109.
63. Bess KD, Adams J, Watt MH, O'Donnell JK, Gaynes BN, Thielman NM, Heine A, Zinski A, Raper JL, Pence BW (2013). Providers' Attitudes Towards Treating Depression and Self-Reported Depression Treatment Practices in HIV Outpatient Care. AIDS Patient Care STDS 27(3):171-80.
64. Homaifar N, Mwesigye D, Tchwenko S, Worjolah A, Joharifard S, Kyamanywa P, Wilkinson J, Rulisa S, Thielman NM (2013). Emergency obstetrics knowledge and practical skills retention among medical students in Rwanda following a short training course. International Journal of Gynecology and Obstetrics 120:195-9.
65. Pence BW, Whetten K, Shirey KG, Yao J, Thielman NM, Whetten R, Itemba D, Maro V (2013). Factors Associated with Change in Sexual Transmission Risk Behavior over 3 Years among HIV-Infected Patients in Tanzania. PLoS ONE 8(12):e82974.

66. Sumner SA, Turner EL, Thielman NM (2013). Association between earthquake events and cholera outbreaks: a cross-country 15-year longitudinal analysis. Prehosp Disaster Med 28(6):567-72.
67. 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, Team CR (2013). Trauma history and depression predict incomplete adherence to antiretroviral therapies in a low income country. PLoS ONE 8(10):e74771.
68. Bruno TO, Hicks CB, Naggie S, Wohl DA, Albrecht H, Thielman NM, Rabin DU, Layton S, Subramaniam C, Grichnik KP, Shlien A, Weyer D (2014). VISION: a regional performance improvement initiative for HIV health care providers. J Contin Educ Health Prof 34(3):171-8.
69. Njau B, Ostermann J, Brown D, Muhlbacher A, Reddy E, Thielman N (2014). HIV testing preferences in Tanzania: a qualitative exploration of the importance of confidentiality, accessibility, and quality of service. BMC Public Health 14:838. PMID: Pmc4141951.
70. O'Donnell K, Yao J, Ostermann J, Thielman N, Reddy E, Whetten R, Maro V, Itemba D, Pence B, Dow D, Whetten K (2014). Low rates of child testing for HIV persist in a high-risk area of East Africa. AIDS Care 26(3):326-31.
71. Okeke NL, Ostermann J, Thielman NM (2014). Enhancing Linkage and Retention in HIV Care: a Review of Interventions for Highly Resourced and Resource-Poor Settings. Curr HIV/AIDS Rep 11(4):376-92.
72. Ostermann J, Njau B, Brown DS, Mühlbacher A, Thielman N (2014). Heterogeneous HIV Testing Preferences in an Urban Setting in Tanzania: Results from a Discrete Choice Experiment. PLoS ONE 9(3):e92100.
73. Ostermann J, Whetten K, Reddy E, Pence B, Weinhold A, Itemba D, Maro V, Mosille E, Thielman N, Chat Research Team (2014). 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. PMID: PMC4122642.
74. Ramadhani HO, Bartlett JA, Thielman NM, Pence BW, Kimani SM, Maro VP, Mwako MS, Masaki LJ, Mmbando CE, Minja MG, Lirhunde ES, Miller WC (2014). Association of First-Line and Second-Line Antiretroviral Therapy Adherence. Open Forum Infectious Diseases 1(2):ofu079-ofu.
75. Reddy EA, Njau BN, Morpeth SC, Lancaster KE, Tribble AC, Maro VP, Msuya LJ, Morrissey AB, Kibiki GS, Thielman NM, Cunningham CK, Schimana W, Shao JF, Chow SC, Stout JE, Crump JA, Bartlett JA, Hamilton CD (2014). A randomized controlled trial of standard versus intensified tuberculosis diagnostics on treatment decisions by physicians in Northern Tanzania. BMC Infect Dis 14:89. PMID: PMC3974106.
76. Sumner SA, Pallangyo AJ, Reddy EA, Maro V, Pence BW, Lynch C, Turner EL, Egger JR, Thielman NM (2014). Effect of free distribution of safety equipment on usage among motorcycle-taxi drivers in Tanzania--A cluster randomised controlled trial. Injury 45(11):1681-6. PMID: PMC4213314.
77. Thielman NM, Ostermann J, Whetten K, Whetten R, Itemba D, Maro V, Pence B, Reddy E,

- CHAT Research Team (2014). Reduced Adherence to Antiretroviral Therapy Among HIV-Infected Tanzanians Seeking Cure From the Loliondo Healer. J. Acquir. Immune Defic. Syndr. 65(3):e104-9.
78. Whetten K, Ostermann J, Pence BW, Whetten RA, Messer LC, Ariely S, O'Donnell K, Wasonga AI, Vann V, Itemba D, Eticha M, Madan I, Thielman NM, Positive Outcomes for Orphans Research T (2014). 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. PMID: PMC4146542.
 79. Bengtson AM, Pence BW, O'Donnell J, Thielman N, Heine A, Zinski A, Modi R, McGuinness T, Gaynes B (2015). Improvements in depression and changes in quality of life among HIV-infected adults. AIDS Care 27(1):47-53. PMID: PMC4402235.
 80. Gray CL, Pence BW, Ostermann J, Whetten RA, O'Donnell K, Thielman NM, Whetten K (2015). Gender (in) differences in prevalence and incidence of traumatic experiences among orphaned and separated children living in five low- and middle-income countries. Glob Ment Health (Camb) 2. PMID: PMC4467827.
 81. Gray CL, Pence BW, Ostermann J, Whetten RA, O'Donnell K, Thielman NM, Whetten K (2015). Prevalence and Incidence of Traumatic Experiences Among Orphans in Institutional and Family-Based Settings in 5 Low- and Middle-Income Countries: A Longitudinal Study. Glob Health Sci Pract 3(3):395-404. PMID: PMC4570014.
 82. Ostermann J, Brown DS, Muhlbacher A, Njau B, Thielman N (2015). Would you test for 5000 Shillings? HIV risk and willingness to accept HIV testing in Tanzania. Health Econ Rev 5(1):60. PMID: PMC4540717.
 83. Ostermann J, Njau B, Mtuy T, Brown DS, Muhlbacher A, Thielman N (2015). One size does not fit all: HIV testing preferences differ among high-risk groups in Northern Tanzania. AIDS Care 27(5):595-603. PMID: PMC4336601.
 84. Ostermann J, Pence B, Whetten K, Yao J, Itemba D, Maro V, Reddy E, Thielman N (2015). HIV serostatus disclosure in the treatment cascade: evidence from Northern Tanzania. AIDS Care 27 Suppl 1(sup1):59-64. PMID: PMC4685596.
 85. Pence BW, Gaynes BN, Adams JL, Thielman NM, Heine AD, Mugavero MJ, McGuinness T, Raper JL, Willig JH, Shirey KG, Ogle M, Turner EL, Quinlivan EB (2015). The effect of antidepressant treatment on HIV and depression outcomes: results from a randomized trial. AIDS 29(15):1975-86. PMID: PMC4669218.
 86. Pence BW, Gaynes BN, Thielman NM, Heine A, Mugavero MJ, Turner EL, Quinlivan EB (2015). Balancing Contamination and Referral Bias in a Randomized Clinical Trial: An Application of Pseudo-Cluster Randomization. Am J Epidemiol 182(12):1039-46. PMID: PMC4675661.
 87. Pence BW, Quinlivan EB, Heine A, Edwards M, Thielman NM, Gaynes BN (2015). When "need plus supply" does not equal demand: challenges in uptake of depression treatment in HIV clinical care. Psychiatr Serv 66(3):321-3. PMID: PMC4381922.
 88. Stanifer JW, Maro V, Egger J, Karia F, Thielman N, Turner EL, Shimbi D, Kilaweh H, Matemu O, Patel UD (2015). The epidemiology of chronic kidney disease in Northern Tanzania: a

- population-based survey. PLoS ONE 10(4):e0124506. PMID: PMC4401757.
89. Stanifer JW, Patel UD, Karia F, Thielman N, Maro V, Shimbi D, Kilaweh H, Lazaro M, Matemu O, Omolo J, Boyd D, Comprehensive Kidney Disease Assessment for Risk Factors EK, Attitudes S (2015). The determinants of traditional medicine use in Northern Tanzania: a mixed-methods study. PLoS ONE 10(4):e0122638. PMID: PMC4388565.
 90. Barroso J, Bengtson AM, Gaynes BN, McGuinness T, Quinlivan EB, Ogle M, Heine A, Thielman NM, Pence BW (2016). Improvements in Depression and Changes in Fatigue: Results from the SLAM DUNC Depression Treatment Trial. AIDS Behav 20(2):235-42.
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49. Yao J, Reddy E, Agala B, Pence B, Itemba D, Maro V, Safley D, Thielman N, Whetten K. Reduced Adherence to Antiretroviral Therapy after Mass Visits to the Loliondo Healer among Tanzanian Adults Living with HIV/AIDS, MOPE436. 19th International AIDS Conference, Washington, DC, July 22-27, 2012.
50. Njau B, Reddy E, Waters R, Itemba D, Thielman N, Ostermann, J. Repeat Mobile Voluntary Counseling and Testing Campaigns in Kilimanjaro, Tanzania Continue To Attract High-risk Testers, TUPE760. 19th International AIDS Conference, Washington, DC, July 22-27, 2012.

c: Editorials, position, and background papers

1. Thielman, N.M. and Guerrant, R.L. From Rwanda to Wisconsin: the global relevance of diarrheal diseases. Journal of Medical Microbiology 44:155-156, 1996.

Consultant appointments: (Include US government, state, private organizations, etc.)

Member, Special Emphasis Review Panel, National Institute of Health, National Institute of Child Health and Human Development RFA HD00-007 and Fogarty International Center RFA HD00-007, Chevy Chase, MD, December 4-6, 2000.

Member, Genomics Focus Group, NIAID, AIDS Clinical Trials Group, 2002 - 2003.

Vice Chair, Pancreatitis Subcommittee of the Complications Research Agenda Committee, Adult AIDS Clinical Trials Group NIAID, 2002 - 2003.

Member, National Advisory Allergy and Infectious Diseases Council, National Institutes of Health, 2003 - 2007.

Member, AIDS Research Advisory Committee (ARAC), National Institute of Allergy and Infectious Diseases, National Institutes of Health, 2003 - 2007.

Consultant and Voting Participant, Veterinary Medicine Advisory Committee Meeting, Food and Drug Administration, Rockville, Maryland, October 13, 2004.

Consultant and Voting Participant, Anti-Infective Drugs Advisory Committee Meeting, Center for Drug Evaluation and Research, Food and Drug Administration, Gaithersburg, Maryland October 14, 2004.

Member, Centers for Disease Control and Prevention (CDC)/Health Resources and Services Administration (HRSA) Advisory Committee on HIV and STD Prevention and Treatment, 2005 - 2008.

Reviewer for *American Journal of Gastroenterology*, *American Journal of Tropical Medicine and Hygiene*, *Antiviral Therapy*, *Clinical Infectious Diseases*, *Infection and Immunity*, *Infection Control and Hospital Epidemiology*, *Journal of Clinical Investigation*, *Journal of Clinical Outcomes Management*, *The AIDS Reader*, *HIV Clinical Trials*, *Emerging Infectious Diseases*, *PLoS Medicine*, *PLoS One*.

Professional awards and special recognitions:

Resident/Fellow Teaching Award, University of Virginia School of Medicine, 1996

Co-recipient, Henderson Inventor of the Year Award, University of Virginia Patents Foundation, 1997

Humanism in Medicine Award, The Healthcare Foundation of New Jersey, Medical University of South Carolina, 2000

Senior Research Fellow, Health Inequalities Program, Sanford Institute of Public Policy, Duke University, 2003-present

Fulbright Scholar, Africa Regional Research Program – Tanzania, U.S. Department of State, 2003-2004

Nominee, Leonard Palumbo, Jr. M.D., Faculty Achievement Award, Duke University Medical Center, 2004

Nominee, Golden Apple Award, Duke University Medical Center, 2006

Excellence in Mentoring Award, Duke Global Health Institute, 2011-2012

Organizations and participation: (Offices held, committee assignments, etc.)

Member, Infectious Diseases Society of America

Teaching responsibilities including continuing education:

University of Virginia School of Medicine/Department of Medicine

1994 – 1996 Introduction to Clinical Medicine: Physical Diagnosis Instructor (second year medical students)

1997 Pathology Lecture: "Trematodes and Cestodes" (second year medical students)

1996 - 1997 Infectious Diseases Consult Service Attending (fourth year medical students, residents, fellows)

1997 General Internal Medicine Attending (third year medical students, interns, residents)

Medical University of South Carolina School of Medicine/Department of Medicine

1997 - 2000 Introduction to Clinical Medicine: Physical Diagnosis Preceptor (second year medical students)

1997 - 2000 Infectious Diseases Core Lecture: "Sexually-transmitted Diseases" (fourth year medical students, residents, fellows)

1997 - 1998 AIDS Symposium Panel: "Clinical-pathological aspects of AIDS" (first and second year medical students)

1999 - 2000 Emergency Lecture Series: "Approach to the Diagnosis and Management of Infectious Diarrhea" (third and fourth year medical students, interns, and residents)

1999 - 2000 Emergency Lecture Series: "HIV/AIDS: The Clinical Essentials." (third and fourth year medical students, interns, and residents)

1999 - 2000 Internal Medicine Core Lecture: "AIDS and Other Immunosuppressed States" (third year medical students)

1997 - 2000 Infectious Diseases Consult Service Attending (fourth year medical students, pharmacy students, residents, fellows)

1997 - 2000 Infectious Diseases Inpatient Service Attending (third year medical students, residents, fellows)

1999 - 2000 Veterans Affairs Hospital General Medicine Service Attending (third and fourth year medical students, interns, residents)

Duke University Medical Center and Duke University

2000 - 2004 STD Clinic Attending, Durham County Health Department (medicine residents, infectious diseases fellows)

2000 – 2012 General Medicine Ward Attending, Durham Regional Hospital

- (second and fourth year medical students, medicine residents)
- 2003 - 2012 Medical Parasitology Lectures: Intestinal Protozoa, Cestodes
(first year medical students)
- 2006 - 2010 Lecturer for Global Health 151/251 – Interdisciplinary Perspectives in Global Health
(undergraduate, graduate, and first year medical students)
- 2008 - 2010 Lecturer for Interdisciplinary 424C - Healing/Developing World and Care of the
Underserved
(graduate and medical students)
- 2000 - present Infectious Diseases Consult Service Attending
(infectious diseases fellows, medicine residents, fourth year medical students)
- 2014 – present AIDS Workshop
(first year medical students)
- 2013 – present Gastrointestinal Infections
(first year medical students)

Noteable Lectures

- "Travel Medicine Update, 1995." Grand Rounds. Suburban Hospital, Bethesda, Maryland, March 15, 1995.
- "Selected Use of Antimicrobials in Infectious Diarrhea." 1996 Fall Postgraduate Course. American Gastroenterological Association. Chicago, Illinois, September 26, 1996.
- "Infectious Diarrhea." Annual Educational Conference, Association for Professionals in Infection Control, Virginia Chapter. Roanoke, Virginia, October 2, 1997.
- "Early Recognition and Appropriate Treatment of Sexually Transmitted Infections." Infections in Primary Care Medicine Program. Charleston, South Carolina, October 18, 1997.
- "Studies of Oral Rehydration and Nutrition Solution in patients with AIDS with Diarrhea and Malnutrition." Tropical Medicine Research Center Second Annual Meeting. Fortaleza, Brazil, January 23, 1998.
- "Sexually Transmitted Diseases in the '90s." College of Charleston Test-Fest. Charleston, SC, April 23, 1998.
- "Emerging Infectious Diseases." Intensive Review of Family Medicine. Isle of Palms, SC, June 20, 1998.
- "HIV Management, Update 1998." Charleston Naval Hospital. Charleston, SC, December 15, 1998.
- "Treatment of Infectious Diarrhea." Infectious Diseases Pharmacotherapy Symposium, College of Pharmacy, Medical University of South Carolina, November 5, 1999.
- Co-director of CME Conference "HIV Care in the Year 2000." Charleston Place, Charleston, SC, April 8, 2000.
- "Public Health Issues in Missions." 2001 Missionary Medicine Seminar, The Billy Graham Conference Center at the Cove, Asheville, NC, October 12, 2001.

- “Practical Pointers for the Management of Malaria, Meningitis, and Tuberculosis.” 2001 Missionary Medicine Seminar, The Billy Graham Conference Center at the Cove, Asheville, NC, October 12, 2001.
- “Update on HIV.” Grand Rounds. Alamance Regional Medical Center, Burlington, NC, October 24, 2001.
- “HIV Medications: Update 2002.” HIV: Medications and Adherence Conference, Wake Area Health Education Center, Raleigh, NC, February 1, 2001.
- “HIV/AIDS-Related Co-morbidities in Resource-poor Regions.” Prescription for Hope International Christian Conference on HIV/AIDS, Washington, DC, February 18, 2002.
- “New Horizons in HIV/AIDS Management for Resource-poor Regions.” Prescription for Hope International Christian Conference on HIV/AIDS, Washington, DC, February 19, 2002.
- “HIV Update 2002: The Essentials.” Medicine Grand Rounds. Cape Fear Valley Medical Center, Fayetteville, NC, March 7, 2002.
- “What the Primary Care Physician Needs to Know.” Southern Regional Area Health Education CME Conference, HIV: After the Diagnosis. Fayetteville, NC, May 17, 2002.
- “HIV/AIDS 2002.” Second Annual African Advocates Against AIDS Conference, Churches and the Fight Against AIDS. Durham, NC, November 30, 2002.
- “HIV Update – 2003.” Maria Parham Hospital, Henderson, NC, January 14, 2003.
- “Antiretroviral Therapy.” HIV Case Manager Antiretroviral Adherence Coordination Training. Alamance Regional Medical Center, Burlington, NC, January 16, 2003.
- “HIV Update 2003.” NC Academy of Physician Assistants Winter Conference, Durham, NC, February 24, 2003.
- “HIV and Highly Active Antiretroviral Therapy: The Medical Model.” Campus-wide Clinical Conference, Kilimanjaro Christian Medical Centre, Moshi, Tanzania, August 20, 2003.
- “HIV in Africa: Where’s the Hope?” Medical University of South Carolina, Charleston, SC, November 24, 2003.
- “HIV in Africa: Is Hope on the Way?” Infectious Diseases Grand Rounds. Duke University Medical Center, December 20, 2004.
- “Sexually Transmitted Diseases: Update 2005.” Dermatology Grand Rounds. Duke University Medical Center, January 19, 2005.
- “AIDS, Tanzania, and the Future.” University of Virginia, Medical School Symposium on Global Health. Charlottesville, VA, October 14, 2005.
- “Realities, Challenges, and Joys of Conducting International Research.” Duke University Institutional Review Board Workshop, March 6, 2006.

“HIV in Africa.” Medical University of South Carolina, March 27, 2006.

“Management of HIV/AIDS in Africa.” Intensive Update Course in Clinical Tropical Medicine and Traveler’s Health. American Society of Tropical Medicine and Hygiene, October 2, 2007.

“An Unequal Epidemic in an Unequal World: Examining and Addressing Worldwide Disparities in HIV Infection.” Department of Medicine Grand Rounds. Duke University Medical Center, May 2, 2008.

“Management of HIV/AIDS in Africa.” Intensive Update Course in Clinical Tropical Medicine and Traveler’s Health. American Society of Tropical Medicine and Hygiene, October 23, 2008.

“An Unequal Epidemic in an Unequal World: Examining and Addressing Worldwide Disparities in HIV Infection.” AOA Opening Lecture, AIDS Symposium, Medical University of South Carolina, November 17, 2010.

“Increasing Uptake of HIV Testing in Tanzania: A Journey into Discrete Choice Experiments.” Infectious Diseases Grand Rounds, July 1, 2013.

“Global Health Residency/Fellowship Pathway.” Graduate Medical Education Innovation Celebration, Duke University School of Medicine, April 29, 2014.

“Beyond Ebola: The Post-Ebola Recovery Effort.” Co-presented with Coleen Cunningham, Duke Africa Initiative, April 13, 2015.

“The Ebola Outbreak of 2013-15: From West Africa to Duke and Back.” Co-presented with Chris Woods and Cameron Wolfe, Department Medicine Grand Rounds, May 1, 2015.

“Initial Antiretroviral Treatment Options: Clinical, Patient and Societal Perspectives.” Infectious Diseases Grand Rounds, June 29, 2015.

“Duke Pre-health Checkup Panelist”, Duke University Career Center, September 13, 2015.

Student, Resident, and Fellow Research Projects

Lisa Jaworski, Prospectus Committee for Master’s Memo “Screening for Syphilis in Wake County Emergency Departments” for Master of Public Policy Degree, Sanford Institute of Public Policy, Duke University, 2000-2001.

K. K. Lamm, Prospectus Committee for Master’s Memo “Should the North Carolina HIV Case Management System be Reexamined to More Fully Meet Client Needs?” for Master of Public Policy Degree, Sanford Institute of Public Policy, Duke University, 2001-2002.

Karen Kiang and Jennifer Taylor, Internal Medicine Resident Research Project, “Clinical Characteristics and Causes of Mortality among Patients Infected with HIV in a Tertiary Hospital in Northern Tanzania,” 2001-2002.

Helen Chu, Third Year Medical Student Research Project, “Testing Strategies and Client Characteristics at a Voluntary Counseling and Testing Center in Moshi, Tanzania,” 2003-2004.

Kermit Jones, Third Year Medical Student Research Project, “Impact of Intellectual Property Protection and Generic Substitutes on the Price of Branded Antiretroviral Medications in Resource-limited Countries,” 2003-present.

Chethan Seshadri, Internal Medicine Resident Research Project, "Diagnosis of Tuberculosis in African Patients Co-infected with HIV," 2004-present.

Brett Caram, Susanna Naggie, Cindy Moylan, and Susan Morpeth. Internal Medicine Resident and Infectious Diseases Fellow Research Project, "Evaluation of Clinical Staging Criteria of HIV Infection in the Kilimanjaro Region of Tanzania," 2004-present.

Michael Mugavero, Infectious Diseases Fellow Research Project, "The Influences of Psychosocial Trauma and Coping Skills, on Antiretroviral Adherence among a Large Cohort of HIV-infected Patients in the Rural Southeastern U.S.," 2004 - 2006.

Meghan Mayood, "Time Trends Analysis of HIV Voluntary Counseling and Testing in Moshi, Tanzania," 2006-present

Elizabeth Reddy, "Acceptability, Behavior Change, and Cost-effectiveness of Mobile HIV Voluntary Counseling and Testing in the Kilimanjaro Region of Tanzania," 2007-present.

Ruchi Puri, "Knowledge, Attitudes, and Practices in Safe Motherhood Care among Obstetric Providers in Bugesera, Rwanda," 2009-2011.

Erica Casey, "Traumatic Injuries Presenting to a Referral Hospital Emergency Department in Moshi, Tanzania," 2009-2011.

Steve Sumner, "Association between Earthquake Events and Cholera Outbreaks: A Cross-Country 15-year Longitudinal Analysis," 2012-2013.

Shahrzad Joharifard, "Prevalence and predictors of giving birth in health facilities in Bugesera district, Rwanda," 2010-2012.

Nazaneen Homaifar, "Emergency obstetrics knowledge and practical skills retention among medical students in Rwanda following a short training course," 2011-2012.

Elizabeth Krebs, "Improving Traumatic Brain Injury Outcomes in Rwanda through Clinical Practice Guidelines," 2012-present.

Thomas Holland, "The Prevalence of Rheumatic Heart Disease in Western Kenya: An Echocardiographic Study," 2009-2012.

Ayaba Worjolah, "The Feasibility of Group Antenatal Care in a Tanzanian Setting," 2010-2012.

Carolina Solis, "Determining Intra-Operative and Post-Operative Surgical Outcomes in Patients Undergoing Emergency Intra-abdominal Surgery in Leon and Matagalpa Regional Hospitals (Nicaragua) with a Focus on Comparing Rural vs. Urban Patients," 2012-present.

Jana Halfon, "Post-Cesarean Section Peritonitis among Women Admitted to a Tertiary Care Hospital in Rwanda," 2014- present.

Lindsay Boole, "Epidemiology of Sepsis in Kenya," 2013 – 2015.

John Stanifer, "Chronic Kidney Disease in Kilimanjaro," 2012- 2014.

Deng Madut, "Evaluating Strategies to Increase HIV Uptake: Targeting Alcohol Serving Establishments and Probing Incentivized Testing in Moshi, Tanzania," 2016 - present

Patents:

Stable Glutamine Derivatives for Oral and Intravenous Rehydration and Nutrition Therapy. R.L. Guerrant, T.L. MacDonald, A.A.M. Lima, N.M. Thielman, and T. Miller. US Patent Number 5,561,111 issued October 1, 1996.

Use of Stable Glutamine Derivatives to Improve Drug Absorption. R.L. Guerrant, N.M. Thielman, G.C. Brito, A.A.M. Lima. US Provisional Patent Application Serial No. 10/230,805 filed April 8, 2005.

Areas of research interests (basic and applied) - list:

Epidemiology and treatment of HIV infection

Global health

Health care disparities related to infectious diseases

Infectious diarrhea

External support - gifts, grants, and contracts:

Ongoing research support:

R01HD046345-08 (MPI: Ostermann, Thielman) 5/1/2015 - 4/30/2020

Does preference-based HIV testing increase uptake in high risk populations?

This study uses Discrete Choice Experiments to quantify HIV testing preferences among two high-risk populations, identify preferred testing options, and evaluate, in a pragmatic randomized controlled trial, the effect of a preference-based HIV counseling and testing (PB-HCT) intervention on testing uptake.

Role: Co-Principal Investigator

T32AI007392-25 (MPI: Thielman, N and Tomaras, G) 08/01/90 – 08/31/20

Interdisciplinary Research Training Program in AIDS

The major goal of the Interdisciplinary Research Training Program in AIDS is to offer exceptional research training opportunities to young investigators who seek training and experience in HIV-associated clinical, behavioral, and basic science research.

Role: Program Director

Robert Wood Johnson Foundation 73056 (MPI: Thielman, Ostermann) 10/01/2015-05/31/2017
Opportunities and trade-offs due to patent expirations and health reform: Estimating HIV patients' treatment preferences to inform treatment decisions

This project will characterize patient's HIV treatment preferences using Discrete Choice Experiment methodology and identify systematic variation in preferences with insurance coverage. The results will provide the basis for policy simulations and a decision tool that can facilitate joint decision making by patients and physicians.

D71 TW010433 Woods, Thielman (Multi-PIs) 9/24/2016 – 8/31/2017

D71 Planning Grant for Emerging Virus Research Training in Sierra Leone

Following the Ebola outbreak in West Africa, Sierra Leone College of Medicine and Allied Health Sciences (COMAHS) and Duke University seek to develop a training program to advance research capacity for viral emerging infectious diseases.

Completed research support in the past 3 years:

Ebola Clinical Research Consortium (Duke PI: Woods, C) 11/5/2014 – 06/5/2015

The purpose of this effort is to work with established African Ebola Treatment Units (ETU) to rapidly evaluate interventions to reduce the impact of the ongoing Ebola Outbreak of 2013-15.

Role: Investigator

R21-MH096631-02 (MPI: Ostermann, J and Thielman, N) 02/8/2012-01/31/2015

Using Discrete Choice Experiments to Identify HIV Testing Preferences in Tanzania

This proposal applies stated preferences research methods, specifically conjoint analysis or discrete choice experiments to identify existing and novel HIV testing options for hard-to-reach and high-risk populations in the Kilimanjaro Region of Tanzania.

Role: Co-Principal Investigator

R01-HD046345-04 (PI: Whetten, K) 09/28/10-07/31/15

Positive Outcomes for Children Orphaned by AIDS

The focus of this 4-year longitudinal study is to examine the influence of life events, orphan placement characteristics, caregiver characteristics, and cultural characteristics on orphan behavioral adjustment, cognitive development, and health status in resource-poor regions, including Tanzania.

Role: Co-Investigator

5R01 MH078756-03 (Whetten)

09/06/07-05/31/13

Coping with HIV/AIDS in Tanzania

The focus of this proposal is to examine the role of gender, psychosocial adaptation, previous life experiences, social support, HIV-related beliefs, economic status and medication regimen on physical and mental health status, quality of life, and health services utilization among a cohort of HIV-infected individuals in the Kilimanjaro Region of Tanzania.

Role: Co-Investigator

5R01-MH086362-03 (Pence)

09/30/09-08/31/14

Improving HAART Adherence in Depressed HIV Clinic Patients: A Real-World RCT

The goal is to conduct an RCT of an evidence-based depression treatment intervention known as Measurement-Based Care (MBC), combined with brief Motivational Interviewing (MI) adherence counseling, in depressed PLWHA to assess its impact on ART adherence and clinical outcomes.

Role: Co-Investigator

5U01-AI069484-05 (Bartlett)

02/01/07-11/30/14

Adult CRS (Thielman)

The Duke University Medical Center (DUMC) Clinical Trials Unit (CTU) proposes to address the key scientific areas of translational research and optimization of clinical management in children and adults, and prevention of mother to child transmission.

Role: Clinical Research Site Leader

Clinical activity - type of practice and estimate of time commitment:

Infectious Diseases Consults	6 weeks/year
Duke Infectious Diseases Clinic	½ day/week
Outreach Infectious Disease Clinic, Fayetteville, NC	1 clinic/month

Participation in academic and administrative activities of the University and Medical Center:

Medical Director, Infectious Diseases Clinic, DUMC, Aug 2004 – February 2008

Director, Duke Global Health Residency Program, DUMC, February 2008 – present

Member, Global Priorities Committee, Duke University, August 2015 – present

Member, International Partnerships Committee, DGHI, 2012- present

Member, Education Committee, DGHI, 2012- present

Member, Ebola Travel Oversight Committee, Duke University, November 2014 - present

Member, Master of Science in Global Health Advisory Committee, DGHI, July 2015- present