CURRICULUM VITAE

Personal Information

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Education

May 1993 MPH University of North Carolina School of Public Health, Master's in Public Health, Policy and Administration

Feb 1991 Postgraduate Medicine, TB Control, National Jewish Hospital, Denver, Colorado

May 1981 PA Physician Associate, Duke University, Community Medicine, Durham, North Carolina

May 1974 BE Education, University of Arizona, Tucson, Arizona

May 1972 BS History and Sociology, University of Indiana, Bloomington, Indiana

Professional Experience-Employment History

Dec 2012-present Research Professor, Department of Medicine, University of North Carolina, Chapel Hill, North Carolina

Jan 1999-present International Director, UNC Project, Lilongwe, Malawi

Jan 1999-present Director of International Operations, Institute of Global Health and Infectious Diseases, Department of Medicine, University of North Carolina, Chapel Hill, North Carolina

Dec 2007-2012 Research Associate Professor, Department of Medicine, University of North Carolina, Chapel Hill, North Carolina

July 2005-2007 Research Assistant Professor, Department of Medicine, University of North Carolina, Chapel Hill, North Carolina

July 1993-2005 Research Instructor, Department of Medicine, University of North Carolina, Chapel Hill, North Carolina

Sept 1984-1992 Clinical Coordinator for General Health Services, Durham County

Health Department, Durham, North Carolina

May 1984-1986 Mobile Clinic - Migrant Camps, Eastern North Carolina

Aug 1983 Lecturer and Instructor, Physicians Associate Program, Duke University, Durham, North Carolina

Jan 1983 Indian Hospital, Tuba City, Arizona. Physician Associate, Navajo Reservation

Nov 1982 Physician Associate, Alcoholic Rehabilitation Center, Butner, North Carolina

Sept 1981 District Health Officer, Marigot Regional Hospital, Marigot, Dominica, West Indies

May 1977-78 Emergency Room Technician, UNC Hospitals, Chapel Hill, North Carolina

Honors and Awards

1987 STD Officer of the Year, North Carolina Public Health Association

Bibliography

Book Chapters

1. Hassig S, **Hoffman I**, Hamiltton H. STD Program Monitoring and Evaluation. In: Dallabetta G, Laga M, Lamptey P, eds. *The Control of Sexually Transmitted Diseases: A Handbook for the Design and Management of Programs*. Durham, NC: The AIDSCAP Electronic Library (Family Health International/The AIDS Control and Prevention Project [AIDSCAP]), 1996:275-291.

Refereed Papers/Articles

1. Escamilla V, Emch M, Dandalo L, Miller WC, Martinson FE, **Hoffman IH**. Community level sampling using Google Earth in the absence of a Demographic Surveillance System. Bulletin of the WHO, Accepted May 2014.

2. Woodsong C, Musara P, Chandipwisa A, Montgomery E, Alleman P, Chirenje M, Chipato T, Martinson F, **Hoffman I**. Interest in multipurpose prevention of HIV and pregnancy: perspectives of women, men, health professionals and community stakeholders in two vaginal gel studies in Southern Africa. British Journal of Obstetrics and Gynaecology, accepted for publication, March 2014.

3. Haddad LB, Feldacker C, Jamieson DJ, Tweya H, Cwiak C, Bryant AG, Hosseinipour MC, Chaweza T, Mlundira L, Kachale F, Stuart GS, **Hoffman I**, Phiri S. Medical eligibility, contraceptive choice and IUD acceptance among HIV- infected

women on antiretroviral therapy in Lilongwe, Malawi. International Journal of Gynecology and Obstetrics, 13-MAY-2014 DOI information: 10.1016/j.ijgo.2014.03.026

4. Maliwichi M, Hosseinipour M, Rosenberg N, Olson D, Macfie R, **Hoffman I**, Kazembe P, van der Horst CCD4 Count Outperforms World Health Organization Clinical Algorithm for Point-of-Care HIV Diagnosis among Hospitalized HIV-exposed Malawian Infants. Tropical Medicine & International Health Journal, on line April 24, 2014, doi:10.1111/tmi.12326

5. Hamela G, Kabondo C, Tembo T, Zimba C, Kamanga E, Mofolo I, Bulla B, Sellers C, Nakanga RC, Lee C, Martinson F, **Hoffman I,** van der Horst C and Hosseinipour MC.Evaluating the benefits of incorporating traditional birth attendants in HIV Prevention of Mother to Child Transmission service delivery in Lilongwe, Malawi. African Journal of Reproductive Health March 2014; 18(1): 27-34

6. Grinsztejn B, Hosseinipour MC, Ribaudo HJ, Swindells S, Eron J, Chen YQ, Wang L, an Ou S-S, Anderson M, McCauley M, Gamble T, Kumarasamy N, Hakim JG, Kumwenda J, Pilotto JHS, Godbole SV, Chariyalertsak S, de Melo MG, Mayer KH, Eshleman SH, Piwowar-Manning E; **Hoffman I**, et al. Effects of early versus delayed initiation of antiretroviral treatment on clinical outcomes of HIV-1 infection: results from the phase 3 HPTN 052 randomised controlled trial The Lancet Infectious Diseases, Available online 4 March 2014

7. Balkus JE, Richardson BA, Rabe LK,Taha TE, Mgodi N, Kasaro MP, Ramjee G, **Hoffman IF** and Karim SSA. Bacterial Vaginosis and the Risk of Trichomonas vaginalis Acquisition Among HIV-1 Negative Women. STD, 41,2:123-128; Feb 2014.

8. A Corneli, A Pettifor, G Kamanga, C Golin, K McKenna, S-S Ou, G Hamela, C Massa, F Martinson, J Tharaldson, D Hilgenberg, X Yu, W Chege, **I Hoffman** and the HPTN 062 study team. HPTN 062: A feasibility and acceptability pilot intervention to reduce HIV transmission risk behaviors among individuals with acute and early HIV infection in Lilongwe, Malawi. Accepted, AIDS and Behavior, December, 2013.

9. ED McCollum, GA Preidis, M Maliwichi, D Olson, M McCrary, PN Kazembe, C van der Horst**, I Hoffman**, MC Hosseinipour. Clinical versus Rapid Molecular HIV Diagnosis in Hospitalized African Infants: A Randomized Controlled Trial Simulating Point-of-Care Infant Testing. Accepted JAIDS, November 2013

10. NE Rosenberg, G Kamanga, AE Pettifor, N Bonongwe, C Mapanje, SE Rutstein, M Ward, **IF Hoffman**, F Martinson, WC Miller. STI Patients Are Effective Recruiters of Undiagnosed Cases of HIV: Results of a Social Contact Recruitment Study in Malawi. JAIDS, Accepted for publication Oct 2013

11. **Hoffman IF**, Latkin CA, Kukhareva PV, Malov SV, Batluk JV, Shaboltas AV, Skochilov RV, Sokolov NV, Verevochkin SV, Hudgens MG, Kozlov AP.A Peer-

Educator Network HIV Prevention Intervention Among Injection Drug Users: Results of a Randomized Controlled Trial in St. Petersburg, Russia. 2013 Sep;17(7):2510-20. doi: 10.1007/s10461-013-0563-4.

12. S Phiri, S Zadrozny, H Weiss, F Martinson, N Nyirenda, C-Y Chen, , WC Miller, MS Cohen, P Mayaud, **IF Hoffman**. Etiology of Genital Ulcer Disease and Association with HIV Infection in Malawi. STD accepted for publication, Sept 2013.

13. Shaboltas AV, Skochilov RV, Brown LB, Elharrar VN, Kozlov AP, **Hoffman IF.** The feasibility of an intensive case management program for injection drug users on antiretroviral therapy in St. Petersburg, Russia. Harm reduction Journal, 2013 Sep 5;10(1):15

14. Chasela CC, Kourtis AP, Wall P, Drobenicuce J, King CC, Thaie H, Teshalee EH, Hosseinipour M, Ellington S, Codd MB, Jamieson JJ, Knight R, Fitzpatrick P, Kamilie S, **Hoffman I**, Kayira D, Mumba N, Kamwendo D, Martinson F, Powderly W, Teo C-G, van der Horst C. Hepatitis B virus infection among HIV-infected pregnant women in Malawi and transmission to infants: the BAN study. J Hepatology. 2013; in press Sept

15. D McCormick, M Rahman, S Zadrozny, A Alam, L MPH, G Neilsen, R Kelly, P Menezes, WC Miller, **I Hoffman**. Prevention and control of sexually transmissible infections among hotel-based female sex workers in Dhaka, Bangladesh. Sexual Health, Oct 2013, http://dx.doi.org/10.1071/SH12165

16. L B Haddad, C Cwiak, DJ Jamieson, C Feldacker, H Tweya, M Hosseinipour, **I Hoffman**, AG Bryant, GS Stuart, I Noah, L Mulundila, B Samala, P Mayne, S Phiri. Contraceptive adherence among HIV-infected women in Malawi: a randomized controlled trial of the copper intrauterine device and depot medroxyprogesterone acetate. Contraception 2013 Aug 23. pii: S0010-7824(13)00552-0. doi: 10.1016/j.contraception.2013.08.006

17. Gopal S, Krysiak R, Liomba NG, Horner M, Shores C, Alide N, Kamiza S, Kampani C, Chimzimu F, Fedoriw Y, Dittmer DP, Hosseinipour MC, **Hoffman IF**. Early experience after developing a pathology laboratory in Malawi, with emphasis on cancer diagnoses. *PLoS One* 2013 Aug 7;8(8):e70361. doi: 10.1371/journal.pone.0070361. eCollection 2013

18. S Mphonda, E Kamanga, N Rosenberg, I Mofolo, I Hoffman, F Martinson, M Hosseinipour. Assessment of Peer-Based and Structural Strategies for Increasing Male Participation in an Antenatal Setting in Lilongwe, Malawi. African Journal of Reproductive Health, accepted for publication August 2013

19. NM Bowman, S Congdon, T Mvalo, JC Patel, V Escamilla, M Emch, F Martinson, I **Hoffman**, SR Meshnick, JJ Juliano. Comparative population structure of Plasmodium falciparum circumsporozoite protein NANP repeat lengths in Lilongwe, Malawi. Scientific Report 2013;3:1990. doi: 10.1038/srep01990.

20. G Hamela, T Tembo, N.E. Rosenberg, I Hoffman, C Lee, M Hosseinipour. Womens experiences of HIV testing and counselling in the labour ward: A case of Bwaila hospital. Malawi Medical Journal; 23(2): 36-39 June 2013

21. Li-Hua Ping, Sarah Joseph, Jeffrey Anderson, Melissa-Rose Abrahams, Jesus Salazar-Gonzalez, Laura Kincer, Florette Treurnicht, Leslie Arney, Suany Ojeda, Ming Zhang, Jessica Keys, E. Potter, Haitao Chu, Penny Moore, Maria Salazar-Gonzalez, Shilpa Iyer, Cassandra Jabara, Jennifer Kirchherr, Clement Mapanje, Nobubelo Ngandu, Cathal Seoighe, **Irving Hoffman**, Feng Gao, Yuyang Tang, Celia LaBranche, Benhur Lee, Andrew Saville, Marion Vermeulen, Susan Fiscus, Lynn Morris, Salim Abdool Karim, Barton Haynes, George Shaw, Bette Korber, Beatrice Hahn, Myron Cohen, David Montefiori, Carolyn Williamson, and Ronald Swanstrom. Comparison of Viral Env Proteins From Acute and Chronic Infections of Subtype C Human Immunodeficiency Virus Type 1 Identifies Differences In Glycosylation and CCR5 Utilization and Suggests A New Strategy For Immunogen Design. Journal of Virology, Accepted for Publication, April 15, 2013.

22. NR Aragam, KM Thayer, NN, **I Hoffman**, F Martinson, D Kamwendo, F-C Lin, C Sutherland, JA Bailey, JJ Juliano. Diversity of T Cell Epitopes in *Plasmodium falciparum* Circumsporozoite Protein Likely Due to Protein-Protein Interactions. PLoS ONE 8(5): e62427. doi:10.1371/journal.pone.0062427, May 2013

23. Rutstein SE, Brown LB, Biddle AK, Wheeler SB, Kamanga G, Mmodzi P, Nyrienda N, Mofolo I, Rosenberg NE, **Hoffman IF**, Miller WC. Cost-effectiveness of provider-based HIV partner notification in urban Malawi. Health Policy and Planning, 2013, 29(1):115-26 1-12; doi: 10.1093/heapol/czs140

24. Hoffman M, Mofolo I, Salima C, **Hoffman I**, Zadrozny S, Martinson F, van der Horst, C. Utilization of family members to provide hospital care in Malawi: the role of Hospital Guardians. Malawi Medical Journal, 2012 Dec;24(4):74-8.

25. Lippmann QK, Mofolo I, Bobrow E, Maida A, Kamanga E, Pagadala N, Martinson F, van der Horst C, Hosseinipour M and **Hoffman I.** Exploring the feasibility of engaging Traditional Birth Attendants in a prevention of Mother to Child HIV Transmission program in Lilongwe, Malawi. Malawi Medical Journal; 24(4): 79-80 December 2012

26. The RTS,S Clinical Trials Partnership, including from University of North Carolina Project, Lilongwe, Malawi: Francis Martinson, **Irving Hoffman**, Tisungane Mvalo, Portia Kamthunzi, Ruthendo Nkomo, Tapiwa Tembo, Gerald Tegha, Mercy Tsidya, Jane Kilembe, Chimwemwe Chawinga. A Phase 3 RTS,S/AS01 Malaria Vaccine Trial in African Infants, accepted, NEJM, November 2012.

27. C Chasela, P Wall, J Drobeniuc, CC King, E Teshale, M Hosseinpour, S Ellington, M Codd, D Jamieson, R Knight, P Fitzpatrick, S Kamili, AP Kourtis, **I Hoffman**, D Kayira, N Mumba, D Kamwendo, F Martinson, W Powderly, C van der Horst and the BAN team. Prevalence of Hepatitis C Virus Infection Among Human Immunodeficiency Virus-1-Infected Pregnant Women in Malawi: The BAN study. J

Clin Virol. 2012 Aug;54(4):318-20. doi: 10.1016/j.jcv.2012.05.003. Epub 2012 Jun 2.

28. Jeffrey A. Bailey, Tisungane Mvalo, Matthew Weiser, Seth Congdon, Debbie Kamwendo, Francis Martinson, **Irving Hoffman**, Steven R Meshnick, Jonathan J Juliano. *Diversity of and Selection on Plasmodium falciparum csp T Cell Epitopes Determined by Massively Parallel Pyrosequencing in Lilongwe, Malawi.* Accepted, *JID* 2012 Aug 15;206(4):580-7. doi: 10.1093/infdis/jis329. Epub 2012 May 2

29. Rosenberg NE; Kamanga G; Phiri S; Nsona D; Pettifor A; Rutstein SE; Kamwendo D; Hoffman IF; Keating M; Brown LB; Ndalama B; Fiscus SA; Congdon SA; Cohen MS; WC Miller. Point-of-Care Diagnostics for Acute HIV Infection: An Important Public Health Priority. Journal of Infectious Diseases 2012; doi: 10.1093/infdis/jis618

30. Eric D. McCollum Derek C. Johnson, Charles S. Chasela, Linias D. Siwande, Peter N. Kazembe, Dan Olson, **Irving Hoffman**, Charles van der Horst, Mina C. Hosseinipour. Superior Uptake and Outcomes of Early Infant Diagnosis of HIV Services at an Immunization Clinic Versus an "Under-Five" General Pediatric Clinic in Malawi, JAIDS July 2012; 60:e107–e110

31. M A Keating, G Hamela, WC Miller, A Moses, **IF Hoffman**, MC Hosseinipour. High HIV Incidence and Sexual Behavior Change among Pregnant Women in Lilongwe, Malawi: Implications for the Risk of HIV Acquisition, PLoS ONE 7(6): e39109. doi:10.1371/journal.pone.0039109, July 2012

32. CK Vorkas, DL Kayira, Robert Krysiak, C Kanyemba, N Nguluwe, T Chikaonda, M Kalikhoka, D Kalaundi, D Namarika, P Gilligan, C van der Horst, **I Hoffman**, M Hosseinipour. Tuberculosis Drug Resistance and Outcomes among Tuberculosis Inpatients in Lilongwe, Malawi. Malawi Medical Journal; 24(2): 21-24 June 2012

33. DJ Jamieson, CS Chasela, MG Hudgens, CC King, AP Kourtis, D Kayira, MC Hosseinipour, DD Kamwendo, SR Ellington, JB Wiener, SA Fiscus, G Tegha, IA Mofolo, DS Sichali, LS Adair, RJ Knight, FA Martinson, Z Kacheche, AI Soko, **I Hoffman**, Cvd Horst. Maternal and infant antiretroviral regimens to prevent postnatal HIV-1 transmission: 48-week follow-up of the BAN randomised controlled trial. The Lancet April 2012, DOI:10.1016/S0140-6736(12)60321-3

34. Mwai H. Makoka, William C. Miller, **Irving F. Hoffman**, Rushina Cholera, Gabriel Malunga, George Joaki*, Peter H. Gilligan, Mina C. Hosseinipour. *Infections in Lilongwe, Malawi: aetiology and antibiotic resistance. BMC Infectious Diseases* 2012, **12**:67 doi:10.1186/1471-2334-12-67

35. VA Paz-Soldan, **I Hoffman**, Jd Graft-Johnson, T Bisika, PN Kazembe, Henry Feluzi, T Banda, AO Tsui. Sexually Transmitted Infection (STI) Screening, Case and Contact Treatment, and Condom Promotion Resulting in STI Reduction Two Years Later in Rural Malawi. Malawi Medical Journal, 2012 Mar;24(1):8-13.

36. Nora E. Rosenberg, Gift Kamanga, Sam Phiri, Dominic Nsona, Audrey Pettifor,

Sarah E. Rutstein,Deborah Kamwendo, **Irving F. Hoffman**, Maria Keating, Lillian B. Brown, Beatrice Ndalama, Susan A. Fiscus, Seth Congdon, Myron S. Cohen, and William C. Miller. Detection of Acute HIV Infection: A Field Evaluation of the Determine HIV-1/2 Ag/Ab Combo Test. *Journal of Infectious Diseases*, 2012 Feb;205(4):528-34.

37. Cynthia Woodsong, Patty Alleman, Petina Musara, Adlight Chandipwisa, Mike Chirenje, Francis Martinson and **Irving Hoffman**. Preventive Misconception as a Motivation for Participation and Adherence in Microbicide Trials: Evidence from Female Participants and Male Partners in Malawi and Zimbabwe. *AIDS and Behavior* 2012, 16 (3) 785-790.

38. Lillian B. Brown, William C. Miller, Gift Kamanga, Jay S. Kaufman, Audrey Pettifor, Rosalie C. Dominik, Naomi Nyirenda, Pearson Mmodzi, Clement Mapanje, Francis Martinson, Myron S. Cohen, **Irving F. Hoffman**. Predicting Partner HIV Testing and Counseling Following a Partner Notification Intervention. *AIDS Behav*, 26th November 2011, epub ahead of print: 10.1007/s10461-011-0094-9.

39. The RTS,S Clinical Trials Partnership, including from University of North Carolina Project, Lilongwe, Malawi: Francis Martinson, **Irving Hoffman**, Tisungane Mvalo, Portia Kamthunz, Ruthendo Nkomo, Albans Msika, Allan Jumbe, Nelecy Chome,Dalitso Nyakuipa, Joseph Chintedza. First Results of Phase 3 Trial of RTS,S/AS01 Malaria Vaccine in African Children, *NEJM* 2011 Nov 17;365(20):1863-75. Epub 2011 Oct 18.

40. Vekemans J, Marsh K, Greenwood B, Leach A, Kabore W, Soulanoudjingar S, Asante KP, Ansong D, Evans J, Sacarlal J, Bejon P, Kamthunzi P, Salim N, Njuguna P, Hamel MJ, Otieno W, Gesase S, Schellenberg D; **the Clinical Trials Partnership Committee**. Assessment of severe malaria in a multicenter, phase III, RTS,S/AS01 malaria candidate vaccine trial: case definition, standardization of data collection and patient care. *Malar J.* 2011 Aug 4;10(1):221.

41. Leach A, Vekemans J, Lievens M, Ofori-Anyinam O, Cahill C, Owusu-Agyei S, Abdulla S, Macete E, Njuguna P, Savarese B, Loucq C, Ballou WR; **Clinical Trials Partnership Committee**. Design of a phase III multicenter trial to evaluate the efficacy of the RTS,S/AS01 malaria vaccine in children across diverse transmission settings in Africa. *Malar J.* 2011 Aug 4; 10:224. 10.1186/1475-2875-10-224

42. Pettifor A, MacPhail C, PhD, Corneli A, Sibeko J, Kamanga G, Rosenberg N, Miller W, **Hoffman I**, Rees H, Cohen M. Continued high risk sexual behavior following diagnosis with Acute HIV Infection in South Africa and Malawi: implications for prevention. *AIDS Behav.* 2011 Aug;15(6):1243-50.

43. Akinkuotu A, Roemer E, Richardson A, Namarika DC, Munthali C, Bahling A, **Hoffman IF**, Hosseinipour MC. In-Hospital Mortality Rates and HIV: A Medicine Ward Review, Lilongwe, Malawi. *IJSTDA* 2011 Aug;22(8):465-70.

44. Myron S. Cohen, Ying Q. Chen, Marybeth McCauley, Theresa Gamble, Mina Hosseinipour, Nagalingeshwaran Kumarasamy, James Hakim, Johnstone

Kumwenda, Beatriz Grinsztejn, Jose Pilotto, Sheela Godbole, Sanjay Mehendale, Suwat Chariyalertsak, Breno Santos, Kenneth Mayer, **Irving Hoffman**, Susan H. Eshleman, Estelle Piwowar-Manning, Lei Wang, Joseph Makhema, Lisa A. Mills, Guy de Bruyn, Ian Sanne, Joseph Eron, Joel Gallant, Diane Havlir, Susan Swindells, Heather Ribaudo, Vanessa Elharrar, David Burns, Taha Taha, Karin Nielsen, David Celentano, Max Essex, Thomas R. Fleming, and the HPTN 052 Protocol Team, Prevention of HIV-1 Infection with Early Antiretroviral Therapy. *NEJM* 2011 Aug 11;365(6):493-505. Epub 2011 Jul 18.

45. Helen A. Weis, Gabriela Paz Bailey, Sam Phiri, Gerard Gresengue, Jerome LeGoff, Jacques Pepi, David A. Lewis, Laurent Belen, **Irving F. Hoffman**, William C Miller, Philippe Mayaud, Episodic therapy for genital herpes in sub-Saharan Africa: A pooled analysis from three randomized controlled trials, *PloS Pathogens,* 2011;6(7):e22601. Epub 2011 Jul 25.

46. Powers KA, Ghani AC, Miller WC, **Hoffman IF,** Pettifor AE, Kamanga G, Martinson FE, Cohen MS. The role of acute and early HIV infection in the spread of HIV and implications for transmission prevention strategies in Lilongwe, Malawi: a modelling study. *Lancet*. 2011 Jul 16;378(9787):256-68

47. McCollum, ED, Preidis GA, Golitko CL, Siwande LD, Mwansambo C, Kazembe PN, **Hoffman IF**, Hosseinipour MC, Schutze GE, Kline MW. Routine Inpatient HIV Testing System Increases Access to Pediatric HIV Care in Malawi. *PIDJ* May 2011, 30, 5; 1-7.

48. Abdool Karim SS, Coletti A, Richardson B, Ramjee G, **Hoffman I**, Chirenje M, TahaT, Kapina M, Maslankowski L, Profy A, Moench T, Piwowar E, Mâsse B, Hillier S, Black R, Soto-Torres L and the HPTN 035 team. Safety and Effectiveness of BufferGel and 0.5% PRO 2000 Gel for the Prevention of HIV Infection in Women: Results of the HPTN 035 Trial. *AIDS* 2011, 25:957–966.

49. Braun M, Kabue MM, McCollum ED, Ahmed S, Kim M, Aertker L, Chirwa M, Eliya M, Mofolo I, **Hoffman IF**, Kazembe PN, van der Horst C, Kline MW, Hosseinipour MC. Inadequate Coordination of Maternal and Infant HIV Services Detrimentally Affects Early Infant Diagnosis Outcomes in Lilongwe, Malawi. *JAIDS*, 2011 Apr 15;56(5):e122-8

50. Brown LB, Miller WC, Kamanga G, Nyirenda N, Mmodzi P, Pettifor A, Dominik RC, Kaufman JS, Mapanje C, Martinson FE, Cohen MS, **Hoffman IF**. HIV partner notification is effective and feasible in sub-Saharan Africa: Opportunities for HIV treatment and prevention. *JAIDS* 2011 Apr 15;56(5):437-42.

51. Gilles, K.P., Zimba, C., Mofolo, I., Bobrow, E., Hamela, G., Martinson, F., **Hoffman, I.** & Hosseinipour, M., Factors influencing utilization of postpartum CD4 count testing by HIV-positive women not yet eligible for antiretroviral treatment, *AIDS Care*. 2011 Mar: 23: 3, 322-329.

52. V. Anna Gyarmathy, Nan Li, Karin E. Tobin, **Irving F Hoffman,** Nikolai Sokolov, Julia Levchenko, Julia Batluk, Andrei A. Kozlov, Andrei P. Kozlov, Carl A. Latkin.

Unprotected Sex in Heterosexual Partnerships of Injecting Drug Users in St. Petersburg, Russia. *AIDS Behav.* 2011 Jan;15(1):58-64.

53. Powers KA, **Hoffman,IF**, Ghani AC, Hosseinipour MC, Pilcher CD, Price MA, Pettifor AE, Chilongozi DA, Martinson FEA, Cohen MS, Miller WC. Sexual Partnership Patterns in Malawi: Implications for HIV/STI Transmission. *STD* Dec 2010; 38,12; 1-10.

54. Jeffrey A. Anderson, Li-Hua Ping, Oliver Dibben, Cassandra B. Jabara, Leslie Arney, Laura Kincer, Yuyang Tang, Marcia Hobbs, **Irving Hoffman**, Peter Kazembe, Corbin D. Jones, Persephone Borrow, Susan Fiscus, Myron Cohen, Ronald Swanstrom, and the Center for HIV/AIDS Vaccine Immunology. HIV-1 Populations in Semen Arise through Multiple Mechanisms. *PLoS Pathogens*. 2010 Aug 19;6(8):e1001053.

55. Chen Ying Q., Young Alicia, Brown Elizabeth R., Chasela Charles S., Fiscus Susan A., **Hoffman Irving F.**, Valentine Megan, Emel Lynda, Taha Taha E., Goldenberg Robert L., and Read Jennifer S. Population Attributable Fractions for Late Postnatal Mother-to-Child Transmission of HIV-1 in Sub-Saharan Africa. *JAIDS.* Jul 2010 Vol 54(3):311-6.

56. Jaiyin Xue, Zenabu Mhango, **Irving F. Hoffman**, Innocent Mofolo, Esmie Kamanga, James Campbell, Greg Allgood, Myron S. Cohen, Francis E.A. Martinson, William Miller, Mina C. Hosseinipour. Use of Nutritional and Water Hygiene Packages for Diarrhoeal Prevention Among HIV-Exposed Infants in Lilongwe, Malawi: an Evaluation of a Pilot Prevention of Mother-to-child Transmission Post-natal Care Service. *Tropical Medicine and International Health.* 2010 Oct;15(10):1156-62. 10.1111/j.1365-3156.2010.02595.x.

57. Chasela CS, Hudgens MG, Jamison DJ, Kayira D, Hosseinipour MC, **Hoffman IF,** van Der Horst CM. Maternal Antiretrovirals or Infant Nevirapine to Reduce HIV-1 Transmission. *N Engl J Med*. 2010 Jun 17;362(24):2271-81.

58. Masharsky AE, Dukhovlinova EN, Verevochkin SV, Toussova OV, Skochilov RV, Anderson JA, **Hoffman I**, Cohen MS, Swanstrom R, Kozlov AP. A substantial transmission bottleneck among newly and recently HIV-1-infected injection drug users in St Petersburg, Russia. *J Infect Dis.* Jun 2010; 201(11): 1697-702

59. Phiri S, **Hoffman IF**, Weiss HA, Martinson F, Nyirenda N, Kamwendo D, Fiscus SA, Chen CY, Miller WC, van der Hoeven L, Chilongozi D, Cohen MS, Mayaud P. Impact of acyclovir on ulcer healing, lesional, genital and plasma HIV-1 RNA among patients with genital ulcer disease in Malawi. *Sex Transm Infect*. 2010 Oct;86(5):345-52. Epub 2010 May 5.

60. Samuel Jonathan C, Akinkuotu Adesola, Baloyi Paul, Villaveces Andres, Charles Anthony, Lee Clara, Miller William, **Hoffman Irving**, Muyco Arturo. Hospital-based injury data in Malawi: strategies for data collection and feasibility of trauma scoring tools. *Tropical Doctor,* Apr 2010 Vol 40(2):98-9.

61. Tang Weihua, Harmon Paula, Gulley Margaret L., Mwansambo Charles, Kazembe Peter N., Martinson Francis, Wokocha Clifford, Kenney Shannon C., **Hoffman Irving**, Sigel Carlie, Maygarden Susan, Hoffman Mariah, Shores Carol. Viral Response to Chemotherapy in Endemic Burkitt Lymphoma. *Clinical Cancer Research.* Apr 2010 Vol 16(7):2055-64. Epub 2010 Mar 16 2010

62. V. Anna Gyarmathy; Nan Li; Karin E. Tobin; **Irving F. Hoffman**; Nikolai Sokolov; Julia Levchenko; Julia Batluk; Andrei A. Kozlov; Andrei P. Kozlov; Carl A. Latkin Injecting Equipment Sharing in Russian Drug Injecting Dyads. *AIDS & Behavior* Feb 2010. Vol 14(1);141-151.

63. Stringer Elizabeth, Read Jennifer S, **Hoffman Irving**, Valentine Megan, Aboud Said, Goldenberg Robert L. Treatment of trichomoniasis in pregnancy in sub-SaharanAfrica does not appear to be associated with low birth weight or preterm birth. *S Afr Med J* January 2010; 100: 58-64.

64. Kilewo C, Natchu UCM, Young A, Donnell D, Brown E, Read JS, Sharma U, Chi BH, Goldenberg R, **Hoffman I**, Taha TE and Fawzi WW. Hypertension in Pregnancy among HIV-Infected Women in Sub-Saharan Africa: Prevalence and Infant Outcomes. *African Journal of Reproductive Health,* December 2009;13(4):25-36

65. Kruse Gina Rae, Barbour Russell, Heimer Robert, Shaboltas Alla V, Toussova Olga V, **Hoffman Irving F**, and Kozlov Andrei P. Drug choice, spatial distribution, HIV risk, and HIV prevalence among injection drug users in St. Petersburg, Russia. *Harm Reduct J.* 2009; 6:22.

66. Brown LB, Krysiak R, Kamanga G, Mapanje C, Kanyamula H, Banda B, Mhango C, Hoffman M, Kamwendo D, Hobbs M, Hosseinipour MC, Martinson F, Cohen MS, **Hoffman IF**. Neisseria gonorrhoeae Antimicrobial Susceptibility in Lilongwe, Malawi, 2007. *Sex Transm Dis.* 2010 Mar; 37(3):169-72.Epub 2009 Nov 6.

67. Samuel JC, Akinkuotu A, Villaveces A, Charles AG, Lee CN, **Hoffman IF**, Miller WC, Baloyi P, Hoffman M, Brown LB, Muyco AP. Epidemiology of injuries at a tertiary care center in Malawi. *World J Surg.* 2009 Sep;33(9):1836-41.

68. Fetzer Bradley C., Hosseinipour Mina C., Kamthuzi Portia, Hyde Lisa, Bramson Brian, Jobarteh Kebba, Torjesen Kristine, Miller William C., **Hoffman Irving**, Kazembe Peter, Mwansambo Charles. Predictors for mortality and loss to follow-up among children receiving anti-retroviral therapy in Lilongwe, Malawi. *Tropical Medicine and International Health.* Vol 14(8):862-9, August 2009.

69. Msamanga G, Taha T, Young A, Brown E, **Hoffman I**, Read, Jennifer, Mudenda V, Transmission of HIV-1. *American Journal of Tropical Medicine & Hygiene.* 80(4). 2009; 508-15.

70. Read, Jennifer; Mwatha, Anthony; Richardson, Barbra; Valentine, Megan; Emel,

Lynda; Manji, Karim; **Hoffman, Irving**; Sharma, Usha ; Goldenberg, Robert L; Taha,Taha E. Primary HIV-1 Infection Among Infants in Sub-Saharan Africa: HPTN 024. *JAIDS* 51(3):317-22, July 2009.

71. Kafulafula George, Mwatha Anthony, Chen Ying Qing, Aboud Said, Martinson Francis, **Hoffman Irving**, Fawzi Wafaie, Read Jennifer S., Valentine Megan, Mwinga Kasonde, Goldenberg Robert, and Taha E. Taha. Intrapartum Antibiotic Exposure and Early Neonatal, Morbidity, and Mortality in Africa. *Pediatrics* 2009 Jul;124(1):e137-44.

72. Read J, Mwatha A, Richardson B, Valentine M,Emel L, Manji K, **Hoffman I**,Sharma U, Goldenberg R, Taha T. Acute HIV-1 infection among Infants in Sub-Saharan Africa. *JAIDS.* 2009; Jul 1;51(3):317-22.

73. Abrahams MR, Anderson JA, Giorgi EE, Seoighe C, Mlisana K, Ping LH, Athreya GS, Treurnicht FK, Keele BF, Wood N, Salazar-Gonzalez JF, Bhattacharya T, Chu H, **Hoffman I**, Galvin S, Mapanje C, Kazembe P, Thebus R, Fiscus S, Hide W, Cohen MS, Karim SA, Haynes BF, Shaw GM, Hahn BH, Korber BT, Swanstrom R, Williamson C; CAPRISA Acute Infection Study Team; Center for HIV-AIDS Vaccine Immunology Consortium. Quantitating the multiplicity of infection with human immunodeficiency virus type 1 subtype C reveals a non-poisson distribution of transmitted variants. *J Virol.* 2009 Apr;83(8):3556-67. Epub 2009 Feb 4. Erratum in: *J Virol*. 2009 Jul;83(13):69-74.

74. van der Horst C, Chasela C, Ahmed Y, **Hoffman I**, Hosseinipour M, Knight R, Fiscus S, Hudgens M , Kazembe P, Bentley M, Adair L, Piwoz E, Martinson F , Duerr A, Kourtis A, Loeliger A, Tohill B, Ellington S, Jamieson D. Modifications of a large HIV prevention clinical trial to fit changing realities: A case study of the Breastfeeding, Antiretroviral, and Nutrition (BAN) protocol in Lilongwe, Malawi. *Contemporary Clinical Trials*. January 2009;30:24-33.

75. Heimer R, Barbour R, Shaboltas AV, **Hoffman IF**, Kozlov AP. Spatial distribution of HIV prevalence and incidence among injection drugs users in St Petersburg: implications for HIV transmission. *AIDS*. 2008;22:123-130.

76. S Aboud ; G Msamanga ; J S Read ; A Mwatha ; Y Q Chen; D Potter; M Valentine; U Sharma; **I Hoffmann**; T E Taha; R L Goldenberg; W W Fawzi Genital tract infections among HIV-infected pregnant women in Malawi, Tanzania and Zambia. *Int J STD AIDS*, December 2008;19: 824-832.

77. Brown, Elizabeth; Chi, Benjamin H; Read, Jennifer S; Taha, Taha E; Sharma, Usha; **Hoffman, Irving F**; Pikora, Cheryl; Goldenberg, Robert; Fiscus, Susan A Determining an optimal testing strategy for infants at risk for mother-to child transmission of HIV-1 during the late postnatal period. *AIDS* Volume 22(17), 12 November 2008, p 2341–2346

78. Chilongozi D, Wang L, Brown L, Taha, TE, Valentine M, Emel, L, Sinkala M, Kafulafula G, Noor G, Read J, Brown E, Goldenberg R, **Hoffman I,** for the

HIVNET 024 Study Team. Morbidity and Mortality among a Cohort of Human Immunodeficiency Virus Type 1-infected and Uninfected Pregnant Women and Their Infants from Malawi, Zambia and Tanzania, *Pediatric Infectious Diseases*, Vol 27(9), Sept 2008, pp 808-814.

79. **Hoffman IF**, Martinson FE, Powers KA, Chilongozi DA, Msiska ED, Kachipapa EI, Mphande CD, Hosseinipour MC, Chanza HC, Stephenson R, Tsui AO. The Year-Long Effect of HIV-Positive Test Results on Pregnancy Intentions, Contraceptive Use, and Pregnancy Incidence Among Malawian Women. *J Acquir Immune Defic Syndr*. 2008;47:477-483.

80. Moses A, Zimba C, Kamanga E, Nkhoma J, Maida A, Martinson F, Mofolo I, Joaki G, Muita J, Spensley A, **Hoffman I,** van der Horst CM for the UNC Project Call to Action Program. Prevention of mother-to-child transmission: program changes and the effect on uptake of the HIVNET 012 regimen in Malawi. *AIDS*. 2008;22:83-7.

81. Chasela, Charles;Chen, Ying Qing; Fiscus, Susan; **Hoffman, Irving**; Young, Alicia;Valentine, Megan; Emel, Lynda; Taha, Taha; Goldenberg, Robert; Read, Jennifer. Risk Factors for Late Postnatal Transmission of Human Immunodeficiency Virus Type 1 in Sub-Saharan Africa. *Pediatric Infectious Disease Journal.* Vol. 27(3), March 2008, pp 251-256.

82. Chi, Benjamin H.; Wang, Lei; Read, Jennifer S.; Taha, Taha E.; Sinkala, Moses; Brown, Elizabeth R.; Valentine, Megan; **Hoffman, Irving**; Martinson, Francis; Goldenberg, Robert L. Predictors of Stillbirth in Sub-Saharan Africa. *Obstet Gynecol* 2007;110:989-97.

83. Pilcher CD, Joaki G, **Hoffman IF,** Martinson FE, Mapanje C, Stewart PW, Powers KA, Galvin S, Chilongozi D, Gama S, Price MA, Fiscus SA, Cohen MS. Amplified transmission of HIV-1: comparison of HIV-1 concentrations in semen and blood during acute and chronic infection. *AIDS*. 2007;21:1723-30.

84. Beyrer C, Baral S, Shaboltas A, Dukhovlinova E, Masharsky A, Verevochkin S, Latkin C, Heimer R, **Hoffman I,** Kozlov A. The feasibility of HIV vaccine efficacy trials among Russian injection drug users. *Vaccine*. 2007;25:7014-6.

85. Chasela C, Chen YQ, Fiscus S, **Hoffman I**, Young A, Valentine M, Emel L, Taha TE, Goldenberg RL, and Read JS. Risk Factors for Late Postnatal Transmission of Human Immunodeficiency Virus Type 1 in Sub-Saharan Africa. *Pediatr Infect Dis*. 2007;27:251-256.

86. Hossenipour M, Napravnik S, Joaki G, Gama S, Mbeye N, Banda B, Martinson F, **Hoffman I,** Cohen M. HIV and Parasitic Infection and the Effect of Treatment among Adult Outpatients in Malawi. *J Inf Dis*. 2007;195:1278-1282.

87. Powers KA, Miller WC, Pilcher CD, Mapanje C, Martinson FE, Fiscus SA, Chilongozi DA, Namakhwa D, Price MA, Galvin SR, **Hoffman IF**, Cohen MS, Malawi UNC Project Acute HIV Study Team. Improved detection of acute HIV-1

infection in sub-Saharan Africa: development of a risk score algorithm. *AIDS*. 2007;21:2237-2242.

88. Fiscus S, Pilcher CD, Miller WC, Powers KA, **Hoffman I,** Price M, Chilongozi D, Mapanje C, Krysiak R, Gama S, Martinson FEA, Cohen, MS, The Malawi-UNC Project AHI Study Team. Rapid, Real-time Detection of Patients with Acute HIV Infection in Africa. *J Inf Dis*. 2007;195: 416-424.

89. Goldenberg RL, Andrews WW, **Hoffman I,** Fawzi W, Valentine M, Young AM, Read, JS, Brown ER, Mudenda V, Kafulafula G, Mwinga K, Taha TE. Fetal Fibronectin and Adverse Infant Outcomes in a Predominantly HIV-infected African Population. *Obstet Gynecol*. 2007;109:392-401.

90. Kumwenda N, **Hoffman I**, Chirenje M, Kelly C, Coletti A, Ristow A, Martinson F, Brown J, Chilongozi D, Richardson B, Rosenberg Z, Padian N, Taha T. HIV Incidence Among Women of Reproductive Age in Malawi and Zimbabwe. *Sex Trans Dis*. 2006;33:646-651.

91. Goldenberg RL, Mudenda V, Read JS, Brown ER, Sinkala M, Kamiza S, Martinson F, Kaaya E, **Hoffman I,** Fawzi W, Valentine M, Taha TE. Histologic Chorioamnionitis, Antibiotics and Adverse Infant Outcomes in a Predominantly HIV-1 –Infected African Population. *Am J Obstet Gynecol*. 2006; 195:1065-1074.

92. Kozlov AP, Shaboltas AV, Toussova OV, Verevochkin Masse BR, Perdue T, a Beauchamp G, Sheldon W, Miller WC, **Hoffman IF.** HIV Incidence and Factors Associated with HIV Acquisition Among Injection Drug Users in St. Petersburg, Russia. *AIDS*. 2006;20:901-906.

93. Potter D, Goldenberg RL, Read JS, Wang J, **Hoffman IF**, Saathoff E, Kafulafula G, Aboud S, Martinson FE, Dahab M, Vermund SH. Correlates of syphilis seroreactivity among pregnant women: the HIVNET 024 Trial in Malawi, Tanzania, and Zambia. *Sex Transm Dis.* 2006 Oct;33(10):604-9.

94. Shaboltas A, Toussova O, **Hoffman I**, Heimer R, Verevochkin S, Ryder R, Khoshnood K, Perdue T, Masse B, Kozlov A. HIV Prevalence, Sociodemographic, and Bahavioral Correlates and Recruitment Methods Among Injection Drug Users in St. Petersburg, Russia. *J Acquir Immune Defic Syndr.* 2006;41:657-663.

95. Goldenberg, RL, Mwatha A, Read J, Adeniyi-Jones S, Sinkala M, Msmanga G, Martinson F, **Hoffman I**, Fawzi W, Valentine M, Emel L, Brown E, Mudenda V, Taha T. The HPTN 024 Study: The Efficacy of Antibiotics to Prevent Chorioamnionitis and Preterm Birth. *Am J Obstet Gynecol*. 2006;194:650-661.

96. Yakubovsky A, Sokolovsky E, Miller WC, Sparling PF, Ryder RW, **Hoffman IF**. Syphilis Management in St. Petersburg, Russia: 1995-2001. *Sex Transm Dis*. 2006;33:244-249.

97. Taha T, Brown ER, **Hoffman I**, Fawzi, W, Read JS, Sinkala M, Martinson F,

Kafulafula G, Msamanga G, Valentine M, Emel L, Mwatha A, Adeniyi-Jones S, Goldenberg R, HPTN024 Team. A Phase III Clinical Trial of Antibiotics to Reduce Chorioamnionitis-Related Perinatal HIV-1 Transmission (HIVNET/HPTN024). *AIDS* 2006;20:1313-1321.

98. Potter D, Goldenberg RL, Read JS, Wang J, **Hoffman, IF**, Saathoff E, Kafulafula G, Fawzi W, About S, Martinson FEA, Dahab M, Vermund SH. Correlates of Syphilis Seroreactivity Among Pregnant Women: The HIVNET 024 Trial in Malawi, Tanzania, and Zambia. *Sex Trans Dis*. 2006;33:604-609.

99. Petch LA, **Hoffman IF**, Jere CS, Kazembe PN, Martinson FE, Chilongozi D, Fiscus SA, Cohen MS. Genotypic Analysis of the Protease and Reverse Transcriptase of HIV-1 Subtype C Isolates from Antiretroviral Drug-Naïve Adults in Malawi. *AIDS Res Hum Retroviruses*. 2005;21:799-805.

100. Price MA, Cohen MS, **Hoffman IF**, Chilongozi D, Martinson FEA, Tembo T. Collecting the essence of man: semen collection for HIV transmission studies in sub-Saharan Africa. *Sex Transm Inf*. 2005;81:185-186.

101. Patnaik P, Jere CS, Miller WC, **Hoffman I**, Wirima J, Pendame R, Meshnick SR, Taylor TE, Molyneux ME, Kublin JG. Effects of HIV-1 Serostatus, HIV-1 RNA Concentration, and CD4 Cell Count on the Incidence of Malaria Infection in a Cohort of Adults in Rural Malawi. *J Infect Dis*. 2005;192:984-991.

102. Hoyo C, **Hoffman IF**, Moser BK, Hobbs M, Kazembe PN, Krysiak R, Cohen MS. *Improving* the accuracy of genital ulcer disease in Malawi. *Sex Trans Dis*. 2005;32: 231-237.

103. Kublin JG, Patnaik P, Jere CS, Miller WC, **Hoffman IF**, Chimbiya N, Pendame R, Taylor TE, Molyneux ME. Effect of Plasmodium falciparum malaria on concentration of HIV-1 RNA in the blood of adults in rural Malawi: a prospective cohort study. *Lancet.* 2005;365:233-240.

104. Henderson GJ, Fiscus SA, **Hoffman I**, McGrath K, Cohen MS, Swanstrom R. HIV-1 populations in blood and breast milk are similar. *Virology*. 2004;330:295-303.

105. **Hoffman IF**, Taha TE, Padian NS, Kelly CW, Welch JD, Martinson FE, Kumwenda NI, Rosenberg ZF, Chilongozi DA, Brown JM, Chirenje M, Richardson BA. Nonoxynol-9 100mg gel: multi-site safety study from sub-Saharan Africa. *AIDS*. 2004;18:2191-2195.

106. Price MA, Miller WC, Kaydos-Daniels SC, **Hoffman IF**, Chilongozi D, Martinson FE, Namakwha D, Malanda J, Cohen M. Trichomoniasis in men and HIV infection: data from two outpatient clinics at Lilongwe Central Hospital, Malawi. *J Infect Dis*. 2004;190:1448-1455.

107. Kaydos-Daniels SC, Miller WC, **Hoffman I**, Price MA, Martinson F, Chilongozi D, Namakwha D, Gama S, Phakati S, Cohen MS, Hobbs MM. The use of

specimens from various genitourinary sites in men, to detect *Trichomonas vaginalis* infection. *J Infect Dis*. 2004;189:1926-1931.

108. Pilcher CD, Price MA, **Hoffman IF**, Galvin S, Martinson FE, Kazembe PN, Eron JJ, Miller WC, Fiscus SA, Cohen MS. Frequent detection of acute primary HIV infection in men in Malawi. *AIDS*. 2004;18:517-524.

109. **Hoffman IF**, Martinson FEA, Stewart PW, Chilongozi DA, Leu SY, Kazembe PN, Banda T, Dzinyemba W, Joshi P, Cohen MS, Fiscus SA. HIV-RNA in breast-milk components. *J Infect Dis*. 2003;188:1209-1212.

110. Feng T, Ni A, Yang G, Galvin S, **Hoffman IF,** Cohen MS. Distribution of the CCR5 gene 32-base pair deletion and CCR5 expression in Chinese minorities. *J Acquir Immune Defic Syndr*. 2003;32:131-134.

111. Price MA, Zimba D**, Hoffman IF**,Kaydos-Daniels SC, Miller WC, Martinson F, Chilongozi D, Kip E, Msowoya E, Hobbs MM, Kazembe PN, Cohen MS. Addition of treatment for trichomoniasis to the syndromic management of urethritis in Malawi: a randomized clinical trial. *Sex Transm Dis*. 2003;30:516-522.

112. Kaydos-Daniels SC, Miller WC, **Hoffman I,** Banda T, Dzinyemba W, Martinson F, Cohen MS, Hobbs MM. Validation of a urine-based PCR-ELISA for use in clinical research settings to detect *Trichomonas vaginalis* in men. *J Clin Microbiol*. 2003;41:318-323.

113. Parish WL, Laumann EO, Cohen MS, Pan S, Zheng H, **Hoffman I**, Wang T, Ng KH. Population-based study of chlamydial infection in China: a hidden epidemic. *JAMA*. 2003;289:1265-1273.

114. Pisell TL, **Hoffman IF**, Jere CS, Ballard SB, Molyneux ME, Butera ST, Lawn SD. Immune activation and induction of HIV-1 replication within CD14+ macrophages during acute *Plasmodium falciparum* malaria coinfection. *AIDS*. 2002;16:1503-1509.

115. Jere C, Cunliffe NA, **Hoffman IF**, Stewart PW, Kilaru R, Broadhead RL, Molyneux ME, Hart CA, Fiscus SA. Plasma HIV burden in Malawian children co-infected with rotavirus. *AIDS*. 2001;15:1439-1442.

116. Maida MJ, Daly CC, **Hoffman I,** Cohen MS, Kumwenda M, Vernazza PL. Prevalence of hepatitis C infection in Malawi and lack of association with sexually transmitted diseases. *Eur J Epidemiol*. 2000;16:1183-1184.

117. Taylor TE, **Hoffman IF**. Can HIV infections in Africa provide insights into acquired immunity to malaria? *Lancet* 2000;356:1046.

118. Ping LH, Cohen MS, **Hoffman I**, Vernazza P, Seillier-Moiseiwitsch F, Chakraborty H, Kazembe P, Zimba D, Maida M, Fiscus SA, Eron JJ, Swanstrom R, Nelson JA. *Effects* of genital tract inflammation on HIV-1 V3 populations in

blood and semen. *J Virol*. 2000;74:8946-8952.

119. Moore SG, Miller WC, **Hoffman IF**, Fox KK, Owen-O'Dowd J, McPherson JT, Privette A, Schmitz JL, Leone PA. Clinical utility of measuring white blood cells on vaginal wet mount and endocervical gram stain for the prediction of chlamydial and gonococcal infections. *Sex Transm Dis*. 2000;27:530-538.

120. Miller WC, **Hoffman IF**, Owen-O'Dowd J, McPherson JT, Privette A, Schmitz JL, Woodlief G, Leone PA. Selective screening for chlamydial infection: which criteria to use? *Am J Prev Med*. 2000;18:115-122.

121. McKee KT Jr, Jenkins PR, Garner R, Jenkins RA, Nannis ED, **Hoffman IF**, Schmitz JL, Cohen MS. Features of urethritis in a cohort of male soldiers. *Clin Infect Dis*. 2000;30:736-741.

122. Sena AC, Miller WC, **Hoffman IF**, Chakraborty H, Cohen MS, Jenkins P, MeKee KT Jr. Trends of gonorrhea and chlamydial infection during 1985-1996 among active-duty soldiers at a U.S. Army installation. *Clin Infect Dis*. 2000;30:742-748.

123. Hobbs MM, Kazembe P, Reed AW, Miller WC, Nkata E, Zimba D, Costello-Daly C, Chakraborty H, Cohen MS, **Hoffman IF**. *Trichomonas vaginalis* as a cause of urethritis in Malawian men. *Sex Transm Dis*. 1999;26:381-387.

124. Ping LH, Nelson JA, **Hoffman IF**, Schock J, Lamers SL, Goodman M, Vernazza P, Kazembe P, Maida M, Zimba D, Goodenow MM, Eron JJ, Fiscus SA, Cohen MS, Swanstrom R. Characterization of V3 sequence heterogeneity in subtype C human immunodeficiency virus type 1 isolates from Malawi: under-representation of X4 variants. *J Virol*. 1999;73:6271-6281.

125. Behets F, Brathwaite AR, Hylton Kong T, Chen CY, **Hoffman IF**, Weiss JB, Morse SA, Dallabetta G, Cohen MS, Figueroa JP. Genital ulcers: etiology, clinical diagnosis, and associated HIV infection in Kingston, Jamaica. *Clin Infect Dis*. 1999; 28:1086-1090.

126. **Hoffman IF**, Jere CS, Taylor TE, Munthali P, Dyer JR, Wirima JJ, Rogerson SJ, Kumwenda N, Eron JJ, Fiscus SA, Chakraborthy H, Taha TE, Cohen MS, Molyneux ME. The effect of Plasmodium falciparum malaria on HIV-1 RNA blood plasma concentration. *AIDS*. 1999;13:487-494.

127. Saidel TJ, Vuylsteke B, Steen R, Niang NS, Behets F, Khattabi H, Manhart L, Brathwaite A, **Hoffman IF**, Dallabetta G. Indicators and the measurement of STD case management in developing countries. *AIDS*. 1998;12:S57-S65.

128. Green M, **Hoffman IF**, Brathwaite A, Wedderburn M, Figueroa P, Behets F, Dallabetta G, Hoyo C, Cohen MS. Improving sexually transmitted disease management in the private sector: the Jamaica experience. *AIDS*. 1998;12:S67-S72.

129. Behets FM, Ward E, Fox L, Reed R, Spruyt A, Bennett L, Johnson L, **Hoffman I**, Figueroa JP. Sexually transmitted diseases are common in women attending Jamaican family planning clinics and appropriate detection tools are lacking. *Sex Transm Infect*. 1998;74:S123-S127.

130. Dallabetta G, Behets F, Lule G, **Hoffman I**, Hamilton H, Wangel AM, Moeng S, Cohen M, Liomba G. Specificity of dysuria and discharge complaints and presence of urethritis in male patients attending an STD clinic in Malawi. *Sex Transm Infect*. 1998;74:S34-S37.

131. Dyer JR, Kazembe P, Vernazza PL, Gilliam BL, Maida M, Zimba D, **Hoffman IF**, Royce RA, Schock JL, Fiscus SA, Cohen MS, Eron JJ Jr. High levels of HIV-1 in blood and semen of seropositive men in sub-Saharan Africa. *J Infect Dis*.1998;177:1742-1746.

132. Costello-Daly, C, Wangel AM, **Hoffman IF**, Canner JK, Lule GS, Lema VM, Liomba NG, Dallabetta GA. Validation of the WHO diagnostic algorithm and development of an alternative scoring system for the management of women presenting with vaginal discharge in Malawi. *Sex Transm Infect*. 1998;74:S50-S58.

133. Dyer JR, Eron JJ, **Hoffman IF**, Kazembe P, Vernazza PL, Nkata E, Costello-Daly C, Fiscus SA, Cohen MS. Association of CD4 cell depletion and elevated blood and seminal plasma HIV-1 RNA concentrations with genital ulcer disease in HIV-1 infected men in Malawi. *J Infect Dis*. 1998;177:224-227.

134. Behets FM, Brathwaite A, Bennett L, Douglas KG, Dallabetta G, Figueroa JP, and the **Collaborative Working Group on Decentralized Syphilis Screening**. The decentralization of syphilis screening for improved care in Jamaican public clinics. *Am J Public Health*. 1997;87:1019-1021.

135. Costello-Daly C, **Hoffman IF**, Hobbs M, Maide M, Zimba D, Davis R, Mughogho G, Cohen MS. Development of an antimicrobial susceptibility surveillance system for *Neisseria gonorrhoeae* in Malawi: comparison of methods. *J Clin Microbiol*. 1997;35:2985-2988.

136. Cohen MS, **Hoffman IF**, Royce RA, Kazembe P, Dyer JR, Daly CC, Zimba D, Vernazza PL, Maida M, Fiscus SA, Eron JJ Jr. Reduction of concentration of HIV-1 in semen after treatment of urethritis: implications for prevention of sexual transmission of HIV-1. *Lancet*. 1997;349:1868-1873.

137. Behets FM, Williams Y, Brathwaite A, Hylton-Kong T, **Hoffman IF**, Dallabetta G, Ward E, Cohen MS, Figueroa JP. Management of vaginal discharge in women treated at a Jamaican STD clinic: use of diagnostic algorithms versus laboratory testing. *Clin Infect Dis*. 1995;21:1450-1455.

138. Maher D, **Hoffman I**. Prevalence of genital infections in medical inpatients in Blantyre, Malawi. *J Infect Dis*. 1995;31:77-78.

139. Jethwa HS, Schmitz JL, Dallabetta G, Behets F, **Hoffman I**, Hamilton H, Lule G, Cohen M, Folds JD. Comparison of molecular and microscopic techniques for detection of *Treponema pallidum* in genital ulcers. *J Clin Microbiol*. 1995;33:180-183.

140. Behets FM, Liomba G, Lule G, Dallabetta G, **Hoffman IF**, Hamilton HA, Moeng S, Cohen MS. Sexually transmitted diseases and human immunodeficiency virus control in Malawi: a field study of genital ulcer disease. *J Infect Dis*. 1995;171:451- 455.

141. Lule G, Behets FM, **Hoffman IF**, Dallabetta G, Hamilton HA, Moeng S, Liomba G, Cohen MS. STD/HIV control in Malawi and the search for affordable and effective urethritis therapy: a field evaluation. *Genitourin Med*. 1994;70:384-388.

142. **Hoffman I**, Stratton JD. Hepatitis B among parenteral drug abusers – North Carolina. *MMWR*. 1986;35:481-482.

Editorials, Letters, and Reviews

1. W Miller, **I Hoffman**, C Latkin, S Strathdee, S Shoptaw. Antiviral prophylaxis for HIV infection in injecting drug users. The Lancet, accepted August 2013.

2. Taylor TE, **Hoffman IF**. Can HIV-1 infections in Africa provide insights into acquired immunity to malaria? *Lancet*. 2000; 356:1046.

3. Cohen MS, **Hoffman I**. Sexually transmitted diseases enhance transmission of HIV: no longer a hypothesis. *Lancet* 351 (suppl. III): 5-7, 1998.

4. **Hoffman I**, Vuylsteke B, Calderon R, Markowicz M. STD syndromic management, HIV/AIDS prevention and control series. In: The AIDS Control and Prevention Project. Durham, NC: *Family Health International*, 1997:16-22.

5. Brathwaite A, **Hoffman I**, Figueroa P, Cohen M: HIV disease: a practical approach. *Journal of the Medical Association of Jamaica*. 1995;18-28.

6. **Hoffman I**, Schmitz JL. Genital ulcer disease. *Postgraduate Medicine*. 1995;98:67-82.

7. **Hoffman I**, Cohen M: Genital ulcer disease. *Journal of the Medical Association of Jamaica*. 1994;27-32.

8. **Hoffman I**, Cohen M. A strategy to control HIV. *Journal of the Medical Association of Jamaica*. 1994:April:34-36.

9. **Hoffman I**, Chorba T. Intravenous drug abusers and HIV in NC. *JAMA.* 1987;Feb 13:18.

Published Abstracts (stopped recording abstracts in 2009) - 1 page each

1. Charles A, Lee C N, Mulwafu W, Mkandawire N, Samuel J, Meyer A, **Hoffman I.** The Burden of Trauma in a Tertiary Hospital in Sub-Saharan Africa. 4th Annual Academic Surgical Congress, Fort Myers, FL, February 2009.

2. Read J, Mwatha A, Richardson B, Valentine M, Emel L, Manji K, **Hoffman I**, Sharma U, Goldenberg R, Taha T. Acute HIV-1 infection among Infants in Sub-Saharan Africa. XVII International AIDS Conference, Mexico City, Mexico, August 2008. Abstract #THPE0083

3. Kruse G, **Hoffman I**, Shaboltas A, Kozlov A, Psychostimulants and sexual risk-taking behaviors among heterosexual injection drug users in St. Petersburg, Russia. 134th Annual Meeting of the American Public Health Association, Boston, MA, November 2006. Abstract 143255.

4. Mack, N, Alleman P, Chaponda M, Bula A, **Hoffman I**. The role of alcohol consumption in transactional sex in Malawi: a significant factor for HIV prevention intervention design. XVI International AIDS Conference, Toronto, Canada, August 2006.

5. Zimba C, Kamanga E, Chilongozi D, Martinson F, Kayambo F, Meme J, **Hoffman I**, van der Horst, C. Impact of routine HIV counseling and testing with an opt-out strategy compared to voluntary counseling and testing in the implementation of PMTCT services, Lilongwe, Malawi. XVI International AIDS Conference, Toronto, Canada, August 2006.

6. **Hoffman I**, Chanza H, Martinson F, Chilongozi D, Powers K, Hosseinipour M, Dziza E, Kachipa E, Mphande C, Nkhalamba T, Stephenson R, Tsui A. Knowledge of HIV positive status decreases pregnancy intention and increases contraception use among women in Lilongwe, Malawi. XVI International AIDS Conference, Toronto, Canada, August 2006.

7. Safren S, Kumarasamy N, Hosseinipour M, Harwood M, **Hoffman I**, McCauley M, Jumbe A, Nyirenda C, Mimiaga M, Solomon S, Celentano D, Mayer K. Perceptions about the acceptability of assessments of HIV medication adherence in Lilongwe, Malawi and Chennai, India. XVI International AIDS Conference, Toronto, Canada, August 2006.

8. Phiri S, **Hoffman I**, Nyirenda N, McCormick D, Fiscus S, chen C, Weiss H, Miller W, Joaki G, Chilongozi D, Martinson F, van der Hoeven L, Cohen M, Mayaud P. High prevalence of HIV-1 RNA excretion from the genital ulcers of co-infected STI patients in Lilongwe, Malawi. XVI International AIDS Conference, Toronto, Canada, August 2006.

9. Alam A, Rahman M, **Hoffman I**, Miller B, Menezes P, Neilsen G, Kelly R,

McCormick D. Baseline STI prevalence and risk factors in a randomized controlled trial to compare the impact of Enhanced Syndromic Management (ESM) vs. Periodic Presumptive Treatment (PPT) in managing STIs among hotel-based prostitutes (HBP) in Dhaka, Bangladesh. XVI International AIDS Conference, Toronto, Canada, August 2006.

10. McCormick DF, Brondi L, Rahman M, Neilsen g, Miller B, Alam A, Menezes P, Kelly R, **Hoffman I**. High STI Prevalence and Incidence Among Hotel-based Female Prostitutes in Dhaka, Bangladesh. XVI International AIDS Conference, Toronto, Canada, August 2006.

11. Phiri S, **Hoffman I**, Nyirenda N, Mapanje C, Weiss H, Miller W, McCormick D, Joaki G, Chilongozi D, Martinson F, Chen C, Chi K-H, Ballard R, Cohen M, Mayaud P. Aetiological Pattern of Genital Ulcer Disease (GUD) in Malawi and Associations between Herpes Simplex Virus Type 2 (HSV-2) and HIV-1: Time for the Addition of Episodic Treatment for Genital Herpes? XVI International AIDS Conference, Toronto, Canada, August 2006.

12. Torjesen K, Tembo T, Kelly C, Tauzie J, Kilembe F, Chinula L, Makala Y, Chiudzu G, Chilongozi D, Martinson F, Coletti A, Karim S, **Hoffman I**. High Prevalence of Abnormal Pelvic Exam Findings Among Women Screened for a Vaginal Microbicides Trial in Malawi. XVI International AIDS Conference, Toronto, Canada, August 2006.

13. Pilcher C, Chilongozi D, Martinson F, Fiscus S, Stewart P, Mapanje C, Powers K, Namakhwa D, Gama S, Joaki G, Tien H, **Hoffman I**, Cohen MS. Comparison of the Concentration of HIV in Semen During Acute, Early and late HIV Infection: Evaluation of the Risk of the Sexual Transmission of HIV. XVI International AIDS Conference, Toronto, Canada, August 2006.

14. Zimba C, Kamanga E, Chilongozi D, Moses A, Nkhoma J, Mofolo I, Matiki C, Kanduka P, Mwale G, Murotho J, Martinson FEA, Mhango Z, Kanyenda S, Kayambo P, Tembo M, Mphaya J, Meme J, Maida A, **Hoffman I**, Hosseinipour M, Fiscus S, Joaki G, van der Horst C for the Call to Action Team. PMTCT Program Progress Report at UNC Project, Lilongwe, Malawi. XVI International AIDS Conference, Toronto, Canada, August 2006.

15. Chasela C, Ramdas Z, Bramson B, Hyde L, Chavula C, Mumba N, Majawa M, Soko A, Chigwenembe M, Ellya H, Chilongozi D, Tegha G, Joaki G, Martinson F, **Hoffman I**, Merry C, Ryan M, Kazembe P, van der Horst C for the BAN Team. Cost Implications of the Provision of Care in a clinical trial among HIV-infected mothers and their infants in Malawi: The BAN study experience in Lilongwe, Malawi. XVI International AIDS Conference, Toronto, Canada, August 2006.

16. Powers KA, Miller WC, Pilcher C, Mapanje C, Martinson F, Fiscus SA, Chilongozi D, Namakhwa D, Gama S, Price M, Galvin S, **Hoffman I**, Cohen, MS. Targeted Screening Criteria for Detecting Acute HIV Infection in Malawi. XVI International AIDS Conference, Toronto, Canada, August 2006.

17. Torjesen K, Chanza H, Masoo W, Kumwenda P, Kilembe F, Ndawala B, Tembo T, Mawindo P, **Hoffman I**, Martinson F. Male involvement may improve retention and gel adherence among women participating in a microbicide trial: Lilongwe, Malawi, HPTN 035. Microbicides 2006 Conference, Cape Town, South Africa, April 2006.

18. Tembo T, Torjesen K, Masoo W, Chanza H, Kumwenda P, Mawindo P, Mhango W, Kamzenga A, Coletti A, Karim S, Chilongozi D, **Hoffman I**, Martinson F. Incidence, Characterization, and Response to Social Harm in a Microbicide Trial: Lilongwe, Malawi, HPTN 035. Microbicides 2006 Conference, Cape Town, South Africa, April 2006.

19. Chanza H, Torjesen K, Kumwenda P, Tembo T, Kilembe F, Ndawala B, Mawindo P, Kamzengo A, Martinson F, Chilongozi D, **Hoffman I**. Misconceptions and their Effect on Study Recruitment and Retention in a Microbicide Trial: Lilongwe, Malawi, HPTN 035. Microbicides 2006 Conference, Cape Town, South Africa, April 2006.

20. Chasela C, **Hoffman I**, Chen YQ, Valentine M, Brown E, Read J, Chilongozi D, Martinson F, Wang L, Fiscus SA. Late Postnatal Transmission of HIV-1 According to Geographic Location in sub-Saharan Africa: HPTN 024. 13th Annual Conference on Retroviruses and Opportunistic Infections (CROI), Denver, February 2006.

21. Goldenberg RL, Mudenda V, Taha T, **Hoffman I**, Fawzi W, Brown E. HIVNet 024: Placental Histology and Mother to Child Transmission (MTCT) of HIV. SMFM Conference, February 2006.

22. Goldenberg RL, Taha T, **Hoffman I**, Fawzi W, Mwatha A. HPTN 024: Antibiotics Do Not Prevent Preterm Birth (PTB) in an HIV-Infected African Population. SMFM Conference, Februrary 2006.

23. Hosseinipour M, Cachafeiro A., Namakwa D, Gama S, Joaki G, Kanyama C, **Hoffman I**, Fiscus S. Comparison of the Cavidi Exavir Reverse Transciptase Assay to HIVRNA among Antiretroviral patients in Malawi 3rd IAS Conference on HIV Pathogenisis and Treatment, July 2005. Rio de Janeiro, Brazil.

24. **Hoffman I**, Pilcher CD, Galvin S, Mapanje C, Martinson FEA, Chilongozi DA, Powers K, Miller WC, Fiscus SA, Cohen MA. Associations Among STDs, Acute HIV Infection, and HIV Shedding, Lilongwe, Malawi. 16th Biennial Meeting of the International Society for Sexually Transmitted Diseases Research, July 2005. Amsterdamn, The Netherlands.

25. Hosseinipour M, Corbett A, Kanyama C, Mshali I, Chinyama S, Phakati S, Rezk N, White S, **Hoffman I**, Van der Horst C, Kashuba A. Pharmacokinetic comparison of generic and trade formulations of lamivudine, stavudine, and nevirapine in 12 HIV-infected Malawian subjects. 12th Conference on Retroviruses and Opportunistic Infections, February 2005. Boston, MA. Abstract #631.

26. Fiscus S, Pilcher C, Miller W, **Hoffman I**, Price M, Chilongozi D, Mapanje C, Krysiak R, Hosseinipour M, Galvin S, Gama S, Martinson F, Cohen M. Real-time detection of patients with acute HIV infection in Africa. 12th Conference on Retroviruses and Opportunistic Infections, February 2005. Boston, MA. Abstract #20.

27. Martinson FE, Chilongozi D, Kelly CW, Kumwenda N, Taha TE, Chirenje M, Brown JM, Padian NS, Richardson BA, Colleti A, **Hoffman IF**. Self-reported condom use and HIV/STD incident cases: HIV prevention trials network study 016A. Microbicides 2004. London, England. Abstract #02527.

28. Patnaik P, Jere CJ, Miller WC, **Hoffman IF**, Wirima J, Pendame R, Meshnick S, Taylor TE, Molyneux ME, Kublin JG. Incidence of malaria parasitemia in a cohort of rural Malawian adults according to HIV serostatus, HIV-1 RNA concentration and CD4 count. American Society of Tropical Medicine and Hygiene, 53rd Annual Meeting, November 2004. Miami Beach, FL. Abstract #456.

29. Heimer R, Kozlov A, Shaboltas A, **Hoffman I**, Ryder RW, Badrieva L, Borodkina O, Irwin K, Khoshnood K. Strategies for sampling drug injectors in the Russian Federation. International Research Conference, Drug Abuse and AIDS Research Center, August 2004. Miami Beach, Florida.

30. Kumwenda NI, Kelly C, **Hoffman I,** Chirenje M, Coletti A, Ristow A, Martinson F, Brown J, Richardson B, Chilongozi D, Padian N, Taha T. HIV incidence among women of reproductive age in Malawi and Zimbabwe. XV International AIDS Conference, July 2004. Bangkok, Thailand. Abstract #ThOrC1426.

31. Price MA, Chilongozi D, Malanda J, Miller WC, Kaydos-Daniels SC, **Hoffman IF**, Martinson FEA, Namakhwa D, Cohen MS. Male trichomoniasis and HIV infection: data from two outpatient clinics in Lilongwe Central Hospital, Lilongwe, Malawi. XV International AIDS Conference, July 2004. Bangkok, Thailand. Abstract #ThPeC7380.

32. Masingi N, Chabwera C, Chauwa F, Kandikole L, Jumbe A, Nkhalamba T, Kanyama C, Martinson F, McCauley M, **Hoffman I**, Hosseinipour M. Experience with couples attending voluntary counseling and testing in Lilongwe, Malawi. XV International AIDS Conference, July 2004. Bangkok, Thailand. Abstract #ThPeD7776.

33. Brown JM, Kelly CW, Ristow A, Mutevedzi TP, Chirenje ZM, Kumwenda N, Martinson F, Chilongozi D, **Hoffman I**, Taha T, Padian N. Predictors of unprotected sexual intercourse among women in Malawi and Zimbabwe: the HIV prevention trials network study 016A. XV International AIDS Conference, July 2004. Bangkok, Thailand. Abstract #ThPeC7424.

34. Kozlov AP, Shaboltas AV, Toussova OV, Verevochkin SV, Perdue T, Masse B, **Hoffman IF**. HIV incidence among injection drug users in St. Petersburg, Russia. XV International AIDS Conference, July 2004. Bangkok, Thailand. Abstract

#WePeC6010.

35. Hosseinipour MC, Kanyama C, Nkhalamba T, Phiri S, Weigel R, Funsani C, Potani D, Namakwa D, Lugalia L, van der Horst C, **Hoffman I**, Neuhann F. Safety and efficacy of D4T/3TC/NVP among HIV positive adults in Lilongwe, Malawi. XV International AIDS Conference, July 2004. Bangkok, Thailand. Abstract #TuPeB4522.

36. Shaboltas A, Toussova O, Verevochkin S, **Hoffman I**, Kozlov A. The Incidence of HIV among a cohort of injection drug users from St. Petersburg, Russia. 12th International Conference of AIDS, Cancer and Related Problems, May 2004. St. Petersburg, Russia. Session 6, Presentation 1.

37. Henderson GJ, Fiscus SA, **Hoffman I**, Martinson F, Chilongozi D, Kazembe P, Cohen M, Swanstrom R. HIV-1 populations in blood and breast milk are similar. Conference on Retroviruses and Opportunistic Infections, February 2004. San Francisco, California. Abstract #904.

38. Hosseinipour M, Joaki G, Gama S, Martinson F, **Hoffman I**, Cohen M. The effect of treating helminth infections on HIV. 11th Conference on Retroviruses and Opportunistic Infections, February 2004. San Francisco, California. Abstract #576.

39. **Hoffman I**, van der Hoeven L, Malewezi J, et al. The effectiveness of Gentamicin on the clinical cure rate of *N. Gonorrhoea* in Malawi. ICASA AIDS Conference, September 2003. Nairobi, Kenya. Abstract #4109.

40. **Hoffman IF**, Paz Soldan V, Tsui A, et al. Reducing the STD burden in rural Malawi: STD screening, case and contact treatment, counseling and condom promotion. 15th ISSTDR Congress, July 2003. Ottawa, Canada. Abstract #0183.

41. van der Horst C, Fiscus S, Piwoz E, Corneli A, Moses A, Jones D, Adair L, Bentley M, **Hoffman I**, et al. Prevention of mother to infant transmission of HIV through breastfeeding and reduction of morbidity and mortality of the breastfeeding mothers: a study in Malawi. IAS Conference, July 2003. Paris, France. Abstract #C2049.

42. Patnaik P, Kublin J, Miller B, **Hoffman I**, et al. Malaria parasitemia elevates blood HIV levels. Society for Epidemiologic Research, June 2003. Atlanta, Georgia. Abstract #0700.

43. Pilcher CD, Price MA, **Hoffman IF**, et al. Frequent detection of acute HIV infection in men in Malawi: reconsideration of counseling and testing approaches. 42nd ICAAC, September 2002. Chicago, Illinois. Abstract #1610.

44. Kublin JG, Jere CS, Miller WC, **Hoffman IF**, et al. Malaria infection elevates HIV-1 viral load. XIV International AIDS Conference, July 2002. Barcelona, Spain. Abstract #WeOrC1375.

45. Kublin JG, Miller WC, Jere CS, Chris JE, **Hoffman IF**, et al. Identifying a possible HIV vaccine testing site. XIV International AIDS Conference, July 2002. Barcelona, Spain. Abstract #TuPeC4837.

46. Petch LA, **Hoffman IF**, Jere CS, et al. Genotypic analysis of the protease and reverse transcriptase of HIV-1 subtype C isolates from untreated patients in Malawi. XIV International AIDS Conference, July 2002. Barcelona, Spain. Abstract #TuPeB4623.

47. Parish WL, Laumann EO, Cohen MS, **Hoffman I,** et al. The resurgent epidemic of STDs in China: a population-based study of the behavioral and demographic correlates and implications for public health policy. International Congress for STDs, June 2001. Berlin, Germany.

48. Kaydos SC, Hobbs MM, Price MA, Kazembe P, **Hoffman I**, Miller WC, Cohen MS. Sites of trichomonas vaginalis infection in the genitourinary tract of Malawian men. International Congress for STDs, June 2001. Berlin, Germany. Abstract #9437.

49. Martinson F, Hobbs MM, Kaydos SC, Wise SL, Banda T, **Hoffman IF**, Cohen MS. Validation of a new urine-based PCR-ELISA assay for the detection of Trichomonas vaginalis infection in men. International Congress for STDs, June 2001. Berlin, Germany. Abstract #437.

50. **Hoffman IF**, Price MA, Martinson FA, et al. Continued high clinical efficacy of gentamicin for the treatment of gonococcal urethritis in Malawi. International Congress for STDs, June 2001. Berlin, Germany. Abstract #625.

51. Teran X, Swygard H, Uribe-Zuniga P, **Hoffman I**. Development of syndromic STD algorithms to be used in primary health clinics in Mexico. International Congress for STDs, June 2001. Berlin, Germany.

52. Swygard H, Teran X, **Hoffman IF**, et al. STD prevalence in three Mexican cities. International Congress for STDs, June 2001. Berlin, Germany.

53. Chilongozi D, Price MA, Martinson F, **Hoffman IF**, Cohen MS. Barriers to semen collection: lessons from a study to examine T. vaginalis and HIV load among STD patients in Lilongwe, Malawi. International Congress for STDs, June 2001. Berlin, Germany. Abstract #129.

54. Price MA, Zimba D, **Hoffman IF**, et al. Adding metronidazole to the standard syndromic treatment for urethritis does not improve cure rates in Malawi. International Congress for STDs, June 2001. Berlin, Germany. Abstract #107.

55. Pisell T, Toossi Z, **Hoffman IF**, et al. Impact of TB and Malaria on HIV replication in cellular compartments and incorporation of HLA-DR into the HIV-1 envelope. AIDS Pathogenesis Conference, Keystone, March 2001.

56. Tsui A, De Graft-Johnson J, Bisika T, Soldan VP, Cohen MS, **Hoffman IF**.

Perceived risk for pregnancy and STI's among women and men in a Malawi district. Population Association of American Annual Meeting, 2001. Washington, DC.

57. **Hoffman IF**, Martinson F, Fiscus SA, et al. Factors Affecting the Detection of HIV-1 RNA in Breastmilk. 8th Conference on Retroviruses and Opportunistic Infections, 2001. Chicago, Illinois. Abstract # N54e.

58. **Hoffman IF**, Tuladhar S, Mills S. A history of practicing sex work in India is the major determinant of HIV infection among female sex workers in Nepal. XIII International AIDS Conference, 2000. Durban, South Africa. Abstract #LbPeC7136.

59. Jere C, **Hoffman I**, Stewart P. HIV viral burden in HIV and rotavirus co-infected infants in Malawi. XIII International AIDS Conference, 2000. Durban, South Africa. Abstract #MoPeB2160.

60. Taha TE, **Hoffman IF**, Padian N, et al. N-9 microbicide use and disturbance of vaginal flora: a pilot study in Malawi. XIII International AIDS Conference, 2000. Durban, South Africa. Abstract #WePeC4475.

61. **Hoffman IF**, Taha TE, Martinson F et al. Adverse health events occurring during an N-9 Gel Pilot Study: Malawi. XIII International AIDS Conference, 2000. Durban, South Africa. Abstract #TuPpC1171.

62. Miller WC, **Hoffman IF**, Patnaik P, Owen-O'Dowd J, Leone PA. Race/ethnicity and selective screening for chlamydial infection. STIs at the Millennium Conference, May 2000. Baltimore, Maryland. Abstract #94.

63. Newbern EC, **Hoffman IF**, Miller WC. Racial differences in sexually transmitted disease risks in the Longitudinal Study of Adolescent Health (Add Health). STIs at the Millennium Conference, May 2000. Baltimore, Maryland. Abstract #39.

64. Law DG, Miller WC, **Hoffman IF**, Owen-O'Dowd J, Leone PA. Does community variation account for racial differences in the prevalence of chlamydial infection? STIs at the Millennium Conference, May 2000. Baltimore, Maryland. Abstract #27.

65. Maida MJ, Costello Daly C, **Hoffman I**, Cohen MS, Kumwenda M, Nhlane NM, Vernazza PL. High prevalence of hepatitis C infection in Malawi and lack of association with sexually transmitted diseases. Study for Lilongwe Central Hospital, Ministry of Health and Population, Malawi, 1999.

66. Ping L-H, Nelson JAE, **Hoffman I,** Schock I, Chakraborty H, Fiscus S, Eron JJ, Seillier-Moiseiwitsch F, Vernazza P, Kazembe P, Zimba D, Maida M, Swanstrom R, Cohen MS. Compartmentalization of subtype C HIV-1 populations between blood and semen as assessed by V3-HTA. 6th Conference on Retroviruses and Opportunistic Infections, January 1999. Chicago, Illinois.

67. Fiscus SA, **Hoffman IF**, Stewart PW, Kilaru R, Broadhead RL, Molyneux ME, Hart CA, Cunliffe NA. HIV Viral Loads in HIV-infected Malawian infants co-infected with

rotavirus. The Second Conference on Global Strategies for the Prevention of HIV Transmission from Mothers to Infants. September 1999. Abstract #306.

68. Gibbs SH, Miller WC, **Hoffman IF**, Leone PA, Owen-O'Dowd J, McPherson JT, Schmitz JT. Clinical utility of white blood cells on vaginal wet mount and endocervical gram stain for the diagnosis of chlamydia and gonorrhea . 13th Meeting of the International Society for Sexually Transmitted Disease Research, July 1999. Denver, Colorado. Abstract #527.

69. Fox KK, Haar M, Leone PA, **Hoffman I,** Owen-O'Dowd J, Privette A, Miller WC. Targeted screening for gonorrhea in North Carolina. 13th Meeting of the International Society for Sexually Transmitted Disease Research, July 1999. Denver, Colorado. Abstract #414.

70. Zimba D, **Hoffman I,** Royce R, et al. Skin manifestations as predictors of HIV infection in Malawi. 12th World AIDS Conference, 1998. Geneva, Switzerland. Abstract #32272.

71. **Hoffman IF**, Taylor TE, Jere CS, et al. The association between *Plasmodium falciparum* malaria illness and HIV-1 RNA viral burden.12th World AIDS Conference, 1998. Geneva, Switzerland. Abstract #13297.

72. Sena AC, Miller WC, **Hoffman IF**, Cohen MS, McKee KT. Gonorrhea among active duty personnel in a United States Army post. UNC School of Medicine, Chapel Hill, NC; WAMC, Ft. Bragg, NC, USA, 1997.

73. Eron JJ, Dyer J, Vernazza P, **Hoffman I**, Fiscus S, Royce R, Kazembe P, Gilliam B, Cohen M. High Levels of HIV-1 in semen and blood of men in Malawi. 4th Conference on Retroviruses and Opportunistic Infections, January 1997. Washington, DC.

74. **Hoffman IF**, Wallace A, Zimba D, et al. Trichomonas as a cause of urethritis in Malawi. The 12th Meeting of the International Society of STD Research, October 1997. Seville, Spain. Abstract #0237.

75. Reed AW, Hobbs MM, **Hoffman IF**, et al. *Trichomonas vaginalis* detection in Malawian men: superior sensitivity of PCR versus In Pouch TV from urethral swabs. The 12th Meeting of the International Society of STD Research, October 1997. Seville, Spain. Abstract #0242.

76. Royce RA, Fernando N, Zimba D, **Hoffman I**, Kazembe P, Fiscus S, Eron J, Dyer J, Cohen M. Stability of HIV measured in blood and semen. The 12th Meeting of the International Society of STD Research, October 1997. Seville, Spain. Abstract #P410.

77. Leone PA, Miller WC**, Hoffman IF**, et al. High prevalence of chlamydial infection in rural North Carolina. The 12th Meeting of the International Society of STD Research, October 1997. Seville, Spain. Abstract #P792.

78. Miller WC, Leone PA, **Hoffman IF**, et al. Algorithms for chlamydia infection. The 12th Meeting of the International Society of STD Research, October 1997. Seville, Spain. Abstract #0108.

79. Brathwaite AR, Behets F, Hylton-Kong T, Douglas K-G, Yen-Chen C, Weiss V, Morse S, Bennett L, Carr L, **Hoffman IF**, Dallabetta G, Figueroa JP. Etiology of genital ulcer disease in patients attending an STD clinic in Kingston, Jamaica. The 12th Meeting of the International Society of STD Research, October 1997. Seville, Spain. Abstract #P388.

80. Brathwaite AR, Behets F, Hylton-Kong T, Douglas K-G, Bennett L, Carr L, **Hoffman IF**, Figueroa JP. HIV infection in genital ulcer patients attending an STD clinic in Kingston, Jamaica. The 12th Meeting of the International Society of STD Research, October 1997. Seville, Spain. Abstract #P491.

81. Sena AC, Miller WC**, Hoffman** IF, Cohen MS, McKee KT. Gonorrhea among active duty personnel in a United States army post. The 12th Meeting of the International Society of STD Research, October 1997. Seville, Spain. Abstract #P302.

82. Miller WC, **Hoffman IF**, Leone PA, et al. Assessment of selective screening algorithms for chlamydia infection. Infectious Disease Society of America, September 1997. San Francisco, California. Abstract #668.

83. Schmitz JL, Woodlief GB, McPherson JT, Miller B, **Hoffman I,** Leone P. Comparison of DFA and LCR for verification of chlamydia EIA negative gray-zone results. American Society of Microbiology, May 1997. Orlando, Florida.

84. Daly C, Wangel A-M, **Hoffman I,** Canner J, Lule G, Lema V, Liomba N; Validation of the WHO diagnostic algorithm and development of the alternative scoring system for the management of vaginal discharge in Malawi. 11th International Conference on AIDS, 1996. Vancouver, Canada. Abstract #C345.

85. **Hoffman I**, Kazembe P, Costello-Daly C, Royce R, Maida M, Vernazza P, Dyer J, Eron J, Zimba D, Nkata E, Kachenje E, Banda T, Mughogho G, Koller C, Gilliam B, Crosso L, Schock J, Davis R, Fiscus S, Dallabetta G, Cohen M. Effect of urethritis therapy on the concentration of HIV-1 in seminal plasma. 11th International Conference on AIDS, 1996. Vancouver, Canada. Abstract #C903.

86. **Hoffman IF**, Costello-Daly C, Kazembe P, Maida M, Vernazza P, Dyer J, Royce R, Eron J, Zimba D, Nkata E, Kachenje E, Banda T, Koller C, Gilliam B, Grosso L, Shock J, Davis R, Fiscus S, Cohen MS Effects of N. Gonorrhea urethritis on the concentration of HIV-1 in seminal plasma. 10th International Pathogenic Neisseria Conference, 1996. Baltimore, Maryland. Abstract #7.

87. Hylton-Kong T, **Hoffman I**, Williams Y, Brathwaite A, Behets F, Dallabetta G. Tutorial training for syndromic STD case management in a Kingston, Jamaica STD clinic. Submitted for presentation at the Third HIV/AIDS Prevention Conference,

1995. Washington, DC. Abstract #107.

88. Green M, Brathwaite A, **Hoffman I**, Figueroa P, Wedderburn M, Dallabetta G, Behets F, Cohen M. Improving STD case management in the private sector: The Jamaican Experience. 11th Meeting of the International Society for STD Research, 1995. New Orleans, Louisiana. Abstract #405.

89. Douglas KG, Williams Y, Emmerson R, Brathwaite A, Gordon P, **Hoffman I**, Figueroa P. Improving a contact investigator program as part of efforts to control syphilis in Jamaica. 11th Meeting of the International Society for STD Research, 1995. New Orleans, Louisiana. Abstract #138.

90. **Hoffman I**, Behets F, Liomba G, Dallabetta G, Lule G, Hamilton H, Cohen M. Etiology of genital ulcer disease (GUD) in male STD patients in Blantyre, Malawi. 10th International Conference on AIDS, 1994. Yokohama, Japan.

91. Boulos R, Behets F, Desormeaus J, **Hoffman I,** Adrien M, Moeng S, Davis H, Joseph D, Dallabetta G, Cohen M. HIV and other sexually transmitted diseases (STD) among women attending two Cite Soleil-based antenatal (AN) clinics in Haiti. 10th International Conference on AIDS, 1994. Yokohama, Japan.

92. Desormeaux J, Behets F, Adrien M, Dallabetta G, Davis H, **Hoffman I**, Cohen M, Boulos R. Introduction of partner notification and treatment for control of sexually transmitted infections in a poor Haitian community. 10th International Conference on AIDS, 1994. Yokohama, Japan.

93. Lule G, Behets F, **Hoffman I**, Dallabetta G, Liomba G, Moeng S, Cohen M. HIV infection among male Patients with urethritis and genital ulcer disease in Malawi. 10th International Conference on AIDS, 1994. Yokohama, Japan.

94. Jethwa H, Schmitz J, Dallabetta G, Behets F, **Hoffman I,** Cohen M, Folds J. Comparison of molecular and microscopic methods for identification of Treponema pallidum in patients with genital ulcer disease. 93rd General Meeting of the American Society for Microbiology, 1994. Las Vegas, Nevada.

95. Lule G, Hamilton H, Behets F, Dallabetta G, Cohen M, Liomba G, **Hoffman I**, et al. Determining effective and affordable antibiotic therapy for STD patients with GUD in Malawi. Poster presentation at the 9th International Conference on AIDS, 1993. Berlin, Germany. Abstract #PO-A36-0837.

96. Hamilton H, Behets F, Lule G, Dallabetta G, Cohen M, Liomba G, **Hoffman I**, et al. Determining effective and affordable antibiotic therapy for STD patients with urethritis in Malawi. Poster presentation at the 9th International Conference on AIDS, 1993. Berlin, Germany. Abstract #PO-C20-3072.

97. Dallabetta G, Hamilton H, Behets F, Lule G, Cohen M, Liomba G, **Hoffman I,** et al. Specificity of dysuria and discharge complaints and presence of urethritis in male patients attending at an STD clinical in Malawi. Poster presentation at the 9th

International Conference on AIDS, 1993. Berlin, Germany. Abstract #PO-A36-0838.

Teaching Record: 1999-present

Lecturer

UNC School of Public Health, Department of Epidemiology (grad students)
UNC Department of Occupational Therapy (grad students)
UNC Preventive Medicine Residency Program (Residents)
UNC Division of Infectious Diseases Weekly Conference (students and faculty)
Duke PA Program (PA students)
Malawi College of Medicine Grand Rounds (med students and faculty)
Malawi National AIDS Commission Research Dissemination Seminar (participants)
St Petersburg State University, Russian National HIV Conference (participants)

Mentoring

My mentorship involves the selection of students/staff and their projects, preparing them for work in Malawi, and mentoring from a distance and during my frequent visits to Malawi (4-6 times per year).

University of North Carolina Infectious Diseases Scholars and Post-Doctoral Fellows

All trainees spent 6 months to 2 years at the UNC project in Lilongwe Malawi conducting research.

Sheree Schwartz, Epi post-doc, Oct, 2011-present
Michelle Kiser, Surgical Resident, July 2011-present
Lisa Haddad, OB/GYN and Family Planning Fellow, Sept 2010-present
Amy Bryant, OB/GYN and Family Planning Fellow, Sept 2010-present
Javeria Qureshi, Surgical Resident, July 2010-present
Veronica Escamilla, Geography post-doc, June 2010-present
Runa Gokhale, Pre-Infectious Diseases Fellow September 2010-June 2011
Rebecca Summers, Pre-Infectious Diseases Fellow September 2009-June 2010
Arthur Jackson, Pre-Infectious Diseases Fellow, June 2008-June 2010
Jon Samuel, Surgical Resident, 2008-2010
Jesse Nussbaum, Pre-Infectious Diseases Fellow, June 2007-June 2008
Brian Bramson, Infectious Diseases Fellow, January 2005 to 2006
Cynthia Gay, Infectious Diseases Fellow, November 2004 to 2005

University of North Carolina Medical Students

All trainees spent 2 months at the UNC Project in Lilongwe Malawi conducting research.

Akinyi Ragwar, North Carolina International Research Program, Summer 2011
Oren Mechanic North Carolina International Research Program, Summer 2011
Rebekah McFee, North Carolina International Research Program, Summer 2010

Timica Campbell, North Carolina International Research Program, Summer 2010
Trevor Royce, North Carolina International Research Program, Summer 2009
Jiayin Xue†, North Carolina International Research Program, Summer 2009
Emily Roemer, North Carolina International Research Program, Summer 2008
Megan Jordan, North Carolina International Research Program, Summer 2008
Christopher Sellers, Sept 2007 to July 2008.
Rushina Cholera, MD/PhD Candidate, Summer 2007
Sima Penharkar, North Carolina International Research Program, Summer 2007
Danica Gomes†, North Carolina International Research Program, Summer 2007
Adesola Akinkuotu, North Carolina International Research Program, Summer 2006
Brad Fetzer†, North Carolina International Research Program, Summer 2006
Richard Goldman, North Carolina International Research Program, Summer 2005
Harriet Banda, North Carolina International Research Program, Summer 2005
Allison Lyke, Holderness Foundation, Summer 2004
Melinda Abernethy, Holderness Foundation, Summer 2003

† Winner of UNC school of Medicine Student Research Competition (Public Health)

Doris Duke Charitable Foundation Research Fellows

All trainees spend 10 months at the UNC Project in Lilongwe Malawi conducting clinical research in a supervised, mentored environment.

Melike Harfouche, MS4	July 2011-present
Bryce Haac, MS4	July 2011-present
Lindsey Wolf, MS4	July 2010-June 2011
Maria Keating, MS4†	July 2009-May 2010
Emilia Campbell, MS4	July 2009-May 2010
Maureen Braun, MS4	July 2008-May 2009
Adesola Akinkuotu, MS4	July 2008-May 2009

† Received M.D. with Honors in Research Distinction from Cornell Weill College of Medicine

Fogarty International Clinical Research Scholar and Fellows Program

All trainees spend 10 months at the UNC Project in Lilongwe Malawi conducting clinical research in a supervised, mentored environment.

Amy Sims, M.D.	Fellow	July 2011-present
Sylvia LaCourse, M.D.	Fellow	July 2011-present
Yohannie Mlombe, M.D.	Fellow	July 2011-present
Albert Mwafongo, MBBS.	Scholar	July 2011-present
Sonali Palchaudhuri, MS4	Scholar	July 2011-present
Jared Tomlinson, M.D.	Fellow	July 2010-present

Eric McCullom, M.D.	Fellow	July 2010-Dec 2011
Dan Olson, M.D.	Fellow	July 2010-June 2011
Charles Chasela, PhD.	Fellow	July 2010-June 2011
Charlies Vorkas, MS4†	Scholar	July 2009-June 2010
Jonathon Samuel, M.D., M.P.H.	Fellow	July 2009-June 2010
Elizabeth Bigger, M.D.	Fellow	July 2009-June 2010

†Received Best Research student project in Behavior Science and Neurology and Best Research Project in infectious diseases from Cornell Weill College.

Fogarty International MPH and PhD students at the London School of Hygiene and Tropical Medicine

David Chilongozi PhD, graduating 2011
Sam Phiri, PhD, graduated 2008
Gift Kamanga MPH 2007

University of North Carolina Public Health Students (Master's and PhD)
Trainees have spent 2 months to 2 years conducting supervised research at the UNC project as a component of their master or PhD degree programs.

Sarah Rutstein PhD, June 2011-present (MD/PhD student)
Gift Kamanga PhD, June 2011-Present
Lillian Brown PhD, July 2008-June 2010 (MD/PhD student)
Kate Patterson MPH, Summer 2008
Emily Weinke PhD Summer 2006
Danielle Haley MPH, Summer 2005

University of Witwatersrand and University of Cape Town Medical Fellow
Clinical residencies in a variety of disciplines, funded by Fogarty International and a grant from Gilead.

Dan Namarika, MBB
Agnes Moses, MBBS
Nasinuku Saukila, MBBS
Cecilia Kanyama, MBBS
Dumbani Kayira, MBBS
Tisu Mavalo, MBBS

University of Malawi Master Students
For these trainees, I serve as one of their thesis advisors for the master's program at the University of Malawi.

Nyanyiwe Mbeye, RN.	Public Health
Wiza Kumwenda, B.S.	Health Informatics
Gift Werekhwe, B.S.	Health Informatics

UNC Faculty "International" Mentorship

For faculty new to international research, I provide guidance on implementation of research protocols and assist in on-site supervision of projects

Gretchen Stuart, M.D. (ongoing)
Kristine Abel, Ph.D. (ongoing)
Jeff Wilkinson M.D. (ongoing)

Grants

Principal Investigator (Active)		
GSK 057, RTSS Phase II $1,000,000 Effort: 1.2 months	Phase II, dosing schedule, RTSS malaria vaccine	2011-2014
International Partnership for Microbicides $370,000 Effort: 1.2 months	IPM 015, Phase I/II, Safety of Intravaginal Dapivirine Ring	2010-2013
Univ of Malawi, COM, A10-1496 $1,200,000/year , Effort: .6 months	Supporting the Scale up of Lab Services in Malawi	2009-2013
PATH MAL 055, A09-1467 $6,000,000 Effort: 2.4 months	Phase III Malaria Vaccine Clinical trial, RTSS	2009-2013
Principal Investigator (Completed)		
PATH Pre-MAL 055, A-08-1457 $560,000 Effort: 2.4 months	Preparatory activities for MAL 055	2008-2011
NIH, DAIDS $300,000/year Effort: .6 months	Improving adherence to HIV and drug treatment among HIV infected drug users in Russia	2006-2007
FHI, STD Control, A05-0896 $45,000 Effort: .6 months	GC Antibiotic Susceptibility in Kyrgyzstan	2004-2007
FHI Reproductive Health, A07-0627 $428,000. Effort: 1.2 months	The Pregnancy Intentions of newly determined HIV infected women	2003-2007
NIH, DAIDS, DAIDS-ES ID 10499 $300,000/year. Effort: .6 months	STD technical assistance in Bangladesh	2003-2007
FHI, HPTN Russia $500,000. Effort 2.4 months	HPTN 033, Incidence of HIV among active Injection drug users, St. Petersburg, Russia	2002-2007
Univ of Penn, A04-0523 $490,000 Effort: 1.2 months	Malawi Rural HIV transmission Social Dynamics	2003-2005
Principal Investigator (Submitted)		
NIH National Institute of Drug Abuse $2,500,000 Effort 1.2 months	Package to Prevent HIV Transmission among IDU in St. Petersburg, Russia	2012-2017
Investigator (Active)		
National Institute of Allergy and Infectious Diseases, 1-R01-AI083059-01, (Miller, William) $600,000/year Effort: .6 months	Acute HIV Infection - A key link for transmission prevention	2009-2013

Johns Hopkins University 5 U01 AI069518-04 (Cohen, Myron) $3,100,000/year, Effort: 4.8 months	Malawi HIV Clinical Trials Unit	2007-2012
Duke University, 303-1082, (Cohen, Myron) $670,000/year, Effort: 1.2 months	Center for HIV/AIDS Vaccine Immunology (CHAVI) Core B Administration	2005-2012
Investigator (Completed)		
Johns Hopkins University, 5 U01 AI069518-04 (Cohen, Myron) $2,500,000 year Effort 6.0 months	Co-Investigator – Malawi Clinical Trials Unit	08/21/2007 - 11/30/2010
CDC, BAN Van der Horst, Charlie $1,500,000/year Effort: 1.2 months	Clinical trial to prevent HIV thru breast milk in Malawi	2003-2008
Johns Hopkins University, 5 U01 AI069518-04 (Cohen, Myron) $2,500,000 year Effort 6.0 months	Co-Investigator – Malawi Clinical Trials Unit	2000-2007
Investigator (Submitted)		
NIH R-01, National Institute of Allergy and Infectious Diseases Juliano, Jon $1,200,000 Effort: 1.2 months	How parasite diversity affects immunity generated by the RTS,S AS01/AS02 Malaria vaccine	2012-2017

Professional Service

2012-present Institute of Global Health and Infectious Diseases, Faculty travel grants selection committee
2012-present Reviewer for Transactions of The Royal Society of Tropical Medicine and Hygiene
2011-present Reviewer for Sexually Transmitted Infections
2011-present Reviewer for AIDS Care
2010-present Reviewer for Journal of Woman's Health
2009-present Doris Duke International Scholars UNC selection committee, chair
2008-present Reviewer for Journal of AIDS
2007-present Reviewer for Journal of infectious Diseases
2006-present NIH HPTN 035 Clinical Events and Protocol Review Team
2006-present UNC-Malawi Summer Institute Selection Committee
2005-present NIH HPTN 024, 035 and 052 manuscript writing Committees
2001-present Reviewer for Journal Sexually Transmitted Diseases
2001-present Reviewer for Journal AIDS
2009-2011 US Fogarty Scholars, Fellows and AITRP Fogarty Malawi students selection committees

Reflective Statement

My career in public health and infectious diseases began in 1984 when I was hired as clinical coordinator of the Durham County Health Department. There I acquired clinical skills in STD, TB and HIV care, immunizations, contraception, communicable disease control and reporting. As a manager, I was also in charge of budget, personnel and the operations of the STD, HIV, TB, Family Planning and Immunization clinics.

In 1993 I obtained my Masters in Public Health and joined UNC as one of two ID faculty members who worked exclusively on the fledgling international STD/HIV program. In that capacity, I lived and conducted research projects in Malawi demonstrating that STD's increased the infectiousness of HIV in men with urethritis and the interaction between HIV viral load and acute malaria. By 1999 I had provided extensive technical assistance in STD/HIV control in 11 countries on 4 continents and I was appointed the Director of International Operations. I became more directly involved in grant writing, manuscript writing, managing permanent staff and facilities abroad, lecturing and supervising US and international-based medical and public health students.

Our clinical, research and teaching facility in Malawi—The UNC Project—began with a staff of one. In coordination with Malawi and Chapel Hill-based faculty and staff, I have been responsible for building and now directing an institution that now includes an over 40,000 sq/foot clinical, lab, research and teaching facility employing 9 full-time UNC faculty on site and 280 Malawi staff, conducting over 20 active research protocols. We also sponsor several medical students, residents, fellows and public health, and geography graduate students to conduct research and provide clinical care in this resource-poor environment. Through a variety of national training grants we have been able to now host up to seven full time, year-long scholars and post-docs that conduct research and provide clinical care. I direct the Malawi Fogarty training program that currently has 4 Malawian PhD students in public health and nursing, and 6 Malawians finishing their clinical residencies in all key clinical areas. The return of these trainees will lead to a much more sustainable and Malawi-centric program for UNC.

Although HIV research continues to be our core activity, over the past three years I am proud of the leadership and coordination I have provided that has led to the diversification of our research, care and teaching portfolio. This diversification is the result of considerable political buy-in from UNC, and logistical, personnel, financial, and philosophical coordination between Chapel Hill and Malawi. This diversification includes a malaria phase III, community based vaccine trial and malaria surveillance program that includes a clinical presence in the Malawi Dept of Pediatrics; a huge involvement from the UNC Dept of surgery that has resulted in a full time surgery resident based in Malawi, several faculty visiting Malawi almost every month, and the initiation of a trauma and cancer registry and a burn unit; a huge involvement from the UNC Dept of Obstetrics that has resulted in a full time senior faculty living and conducting OB fistula research and emergency obstetrics training in Malawi; and a recent buy in from the UNC Dept of Pathology and the UNC Cancer Center that has led to the operation of a new pathology service in Malawi with state of the art telepathology capacity with UNC Path faculty support.

I am one of three UNC investigators conducting research in St. Petersburg, Russia. I coordinate and advise operational research in St. Petersburg involving injection drug

users and reduction of HIV risk programs and adherence to HIV care.

My goals for the future are to continue my international work at UNC as an investigator and mentor, to improve the standard of clinical care at Kamuzu Central Hospital in Malawi and to continue to diversify UNC's global portfolio not only in Malawi, but in Russia, China and Central America.

We (I) intend to continue to expand malaria research in Malawi to include the roll out of an effective malaria vaccine (a recent NEJM article (#1 above) shows over 50% efficacy); we intend (based on the recent NEJM finding (#6 above) that ART reduces HIV transmission over 96%) to roll out the expanded use of ART for prevention. In Russia my goal is to continue to compile enough operational data force policy makers to adopt a comprehensive program of HIV prevention, drug treatment and HIV care for injection drug users. I will continue to supervise and sponsor students doing work in Malawi.

Finally, I cannot avoid the fact that I am now 61 years old. The maintenance and growth of international programs are complicated and takes daily attention. My ultimate goal over the next few years will be to institutionalize all the Malawi support systems, identify and stabilize long term funding sources that stabilize the infrastructure (buildings, equipment and personnel salaries) and identify and nurture future UNC global leaders and investigators so UNC Malawi will continue without a down beat, for decades.