

CURRICULUM VITAE
The Johns Hopkins University School of Medicine

Robert C. Bollinger, M.D., M.P.H.

April 23, 2009

DEMOGRAPHIC INFORMATION

Current Appointments:

Primary Appointment

Professor, Division of Infectious Diseases, Department of Medicine
The Johns Hopkins School of Medicine

Secondary Appointment

Professor, Department of International Health
The Johns Hopkins Bloomberg School of Public Health

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Education and Training:

- | | |
|-----------|--|
| 1979 | B.A. , Philosophy/Chemistry
Haverford College
Haverford, Pennsylvania |
| 1984 | M.D. , Dartmouth Medical School
Hanover, New Hampshire |
| 1984-1987 | Internal Medicine/Internship/Residency
Department of Medicine, University of Maryland
Baltimore VA Hospitals
Baltimore, Maryland |

1988 **Master's in Public Health**
Department of International Health
Johns Hopkins Bloomberg School of Public Health
Baltimore, Maryland

1989-1992 **Post Doctoral Fellowship, Infectious Diseases**
The Johns Hopkins University School of Medicine
Baltimore, Maryland
In the laboratory of Robert Siliciano, M.D., Ph.D.
Research area: The Cytolytic T lymphocyte (CTL)
response to HIV-1

Professional Experience:

10/79-1/80 Leprosy Control, Damien Social Welfare Centre
Bihar, India

1/80-9/80 Research Assistant, Blood Research Laboratory
University of Maryland Medical School
Baltimore, Maryland

7/81-7/82 Member, Admissions Committee
Dartmouth Medical School
Hanover, New Hampshire

10/83-12/83 Primary Care Medical Training
Native American Health Service
Tuba City, Arizona

1/84-3/84 Malaria Research
International Centre for Medical Research and Training
Lahore, Pakistan

7/88-6/89 Staff Physician, Department of Emergency Medicine
Director, International Travelers Clinic
Mercy Medical Center
Baltimore, Maryland

1/89-6/89 Clinical Instructor, Division of Emergency Medicine,
University of Maryland School of Medicine
Baltimore, Maryland

8/90-7/92 Staff Physician, SHARE Clinic, Multi-center AIDS Cohort
Study, Department of Epidemiology

The Johns Hopkins Bloomberg School of Public Health
Baltimore, Maryland

7/87-1995 Volunteer Staff Physician, Joseph Richie House Hospice,
Baltimore, Maryland

7/92-6/97 Assistant Professor, Division of Infectious Diseases
Department of Medicine
The Johns Hopkins School of Medicine and
Department of International Health
The Johns Hopkins Bloomberg School of Public Health
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6/97-1/04 Associate Professor, Division of Infectious Diseases
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1/04-present Professor, Division of Infectious Diseases
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RESEARCH ACTIVITIES

Publications:

Peer-reviewed articles:

1. **Bollinger RC**, Awan ZL. Glucose-6-phosphate dehydrogenase deficiency in the Lahore area of Pakistan. *Pakistan J Med Res* April-June 1985; 24 (2):85-87.
2. Levine B, Hardwick JM, Trapp BD, Crawford TO, **Bollinger RC**, Griffin DE. Antibody-mediated clearance of alphavirus infection from neurons. *Science* 1991; 254 (5033):856-860.
3. **Bollinger RC**, Kline RL, Francis HL, Moss MW, Bartlett, JG, Quinn TC. Acid dissociation increases the sensitivity of p24 antigen detection for the evaluation of antiviral therapy and disease progression in asymptomatic human immunodeficiency

- virus-infected persons. *J Infect Dis* 1992; 165(5):913-916.
4. Hammond S, **Bollinger RC**, Stanhope P, Quinn TC, Schwartz D, Clements ML, Siliciano, RF. Comparative clonal analysis of human immunodeficiency virus type 1 (HIV-1)-specific CD4⁺ and CD8⁺ cytolytic T lymphocytes isolated from seronegative humans immunized with candidate HIV-1 vaccines. *J Exp Med* 1992; 176(6):1531-1542.
 5. Siliciano RF, **Bollinger RC**, Callahan KM, Hammond SA, Miskovsky EP, Liu AY, Rowell J, and Stanhope, PE. Clonal analysis of T cell responses to the HIV-1 envelope proteins in AIDS vaccine recipients. *AIDS Res Hum Retroviruses* 1992; 8(8):1359-1362.
 6. Hammond SA, **Bollinger RC**, Tobery TW, Siliciano RF. Transporter-independent processing of HIV-1 envelope protein for recognition by CD8⁺ T cells. *Nature* 1993; 364 (6433):158-161.
 7. **Bollinger RC**, Quinn TC, Liu AY, Stanhope PE, Hammond SA, Viveen R, Clements ML, Siliciano RF. Cytokines from vaccine-induced HIV-1 specific cytotoxic T lymphocytes: effects on viral replication. *AIDS Res Hum Retroviruses* 1993; 9(11):1067-1077.
 8. Ray SC, Siliciano RF, **Bollinger RC**. Immunization and immunotherapy for human immunodeficiency virus type 1 (HIV-1) infection: a brief review. *Venereology* 1993; 6(4):93-94.
 9. Baskar PV, Ray SC, Rao R, Quinn TC, Hildreth JEK, **Bollinger RC**. Presence in India of HIV type 1 similar to North American strains. *AIDS Res Hum Retroviruses* 1994; 10(8):1039-1041.
 10. Lubaki MN, Egan MA, Siliciano RF, Weinhold KJ, **Bollinger RC**. A novel method for detection and ex vivo expansion of HIV-1-specific cytolytic T lymphocytes. *AIDS Res Hum Retroviruses* 1994; 10(11):1427-1431.
 11. **Bollinger RC**, Tripathy SP, Quinn TC. The human immunodeficiency virus epidemic in India: current magnitude and future projections. *Medicine* 1995; 74(2): 97-106.

 12. Rodrigues JJ, Mehendale SM, Shepherd ME, Divekar AD, Gangakedkar RR, Quinn TC, Paranjape RS, Risbud AR, Brookmeyer RS, Gadkari DA, Gokhale MR, Rompalo AM, Deshpande SG, Khaladkar MM, Mawar N, **Bollinger RC**. Risk factors for HIV infection in people attending clinics for sexually transmitted diseases

- in India. *British Med J* 1995; 311(7000):283-286.
13. Brookmeyer R, Quinn T, Shepherd M, Mehendale S, Rodrigues J, **Bollinger R**. The AIDS epidemic in India: A new method for estimating current HIV incidence rates. *Am J Epidemiol* 1995; 142(7):709-713.
 14. Mehendale SM, Rodrigues JJ, Brookmeyer RS, Gangakhedkar RR, Divekar AD, Gokhale MR, Risbud AR, Paranjape RS, Shepherd ME, Rompalo AE, Sule RR, Tolat SN, Jadhav VD, Quinn TC, **Bollinger RC**. Incidence and predictors of human immunodeficiency virus type 1 seroconversion in patients attending sexually transmitted disease clinics in India. *J Infect Dis* 1995; 172:1486-1491.
 15. **Bollinger RC**, Egan MA, Chun TW, Mathieson B, Siliciano RF. Cellular immune responses to HIV-1 in progressive and non-progressive infections. *AIDS* 1996; 10(Supplement A):S85-96.
 16. Brookmeyer R, Mehendale SM, Shepherd ME, Pelz R, Quinn T, Rodrigues JJ, **Bollinger RC**. Estimating the rate of occurrence of new HIV infections using serial prevalence surveys: the epidemic in India. *AIDS* 1996; 10(8):924-925.
 17. Tripathy S, Renjifo B, Wang WK, McLane MF, **Bollinger R**, Rodrigues J, Osterman, Tripathy S, Essex M. Envelope gp120 sequences of primary HIV-1 isolates from Pune and New Delhi, India. *AIDS Res Hum Retroviruses* 1996; 10;12(12):1199-1202.
 18. **Bollinger RC**: The immunology of AIDS. *J Clin Genetics Tribal Res* 1996; 1(3):155-169.
 19. Mehendale SM, Shepherd ME, Divekar AD, Gangakhedkar RR, Kamble SS, Menon PA, Yadav R, Risbud AR, Paranjape RS, Gadkari DA, Quinn TC, **Bollinger RC**, Rodrigues JJ. Evidence for high prevalence & rapid transmission of HIV among individuals attending STD clinics in Pune, India. *Indian J Med Res* 1996; 104:327-335.
 20. Lubaki NM, Ray S.C., Dhruva B, Quinn TC, Siliciano RF, **Bollinger RC**. Characterization of a polyclonal cytolytic T lymphocyte response to human immunodeficiency virus in individuals without clinical progression. *J Infect Dis* 1997; 175(6):1360-1367.
 21. Mawar N, Mehendale S, Thilakavathi S, Shepherd M, Gadkari D, **Bollinger R**, Bentley M. Awareness and knowledge of AIDS and HIV risk among women attending STD clinics in Pune, India. *Indian J Med Res* 1997; 106: 212-222.
 22. Singh U, Porterfield D, Thilakavathi S, Shepard M, Mawar N, Divekar AD,

- Bollinger R.** Knowledge of HIV transmission and sexual behavior of college students in Pune, India. *AIDS* 1997; 11(12):1519-1533.
23. **Bollinger RC**, Brookmeyer RS, Mehendale SM, Paranjape RS, Shepherd ME, Gadkari DA, Quinn TC. Risk factors and clinical presentation of acute primary human immunodeficiency virus infections in India. *JAMA* 1997; 278(23): 2085-2089.
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 27. Gadkari DA, Quinn TC, Gangakhedkar AR, Mehendale SM, Divekar A, Risbud AR, Chan-tack K, Shepherd M, Gaydos C, **Bollinger RC**. HIV-1 DNA shedding in genital ulcers and its associated risk factors in Pune, India. *J Acquir Immune Defic Syndr* 1998; 18(3): 277-281.
 28. Bentley ME, Spratt K, Shepherd M, Gangakhedkar R.R., Thilakavathi S, **Bollinger RC**, Mehendale S. HIV testing and counseling among men attending STD clinics in Pune, India: changes in condom use and sexual behavior over time. *AIDS* 1998; 12(14):1869-1877.
 29. Paranjape RS, Gadkari DA, Lubaki M, Quinn TC, **Bollinger RC**. Cross-reactive HIV-1-specific CTL in recent seroconverters from Pune, India. *Indian J Med Res* 1998; 108:35-41.
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36. Mehendale SM, Shepherd ME, Brookmeyer RS, Semba RD, Paranjape RS, Divekar AD, Gangakhedkar RR, Joshi S, Damble SS, Menon PA, Yadav R, Risbud AR, Gadkari DA, **Bollinger RC**. Low carotenoid concentration and the risk of HIV seroconversion in Pune, India. *J Acquir Immune Defic Syndr* 2001; 26(4):352-359.
37. Meininger GR, Nadasky T, Hruban RH, **Bollinger RC**, Baughman KL, Hare JM. Chronic active myocarditis following acute Bartonella Henselae infection (cat scratch disease). *Am J Surg Pathol* 2001; 25(9):1211-1214.
38. Joshi S, Chandorkar A, Krishnan G, Walimbe A, Gangakhedkar R, Risbud A, Jadhav V, **Bollinger R**, Mehendale S. Cervical intraepithelial changes and HIV infection in women attending STD clinics in Pune, India. *Indian J Med Res* 2001; 113:161-169.
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41. Patke D, Langan SJ, Carruth LM, Keating SM, Perdue BP, Margolick JB, Quinn TC, **Bollinger RC**. Association of gag-specific T lymphocyte responses during the early

- phase of HIV-1 infection and lower viral set point. *J Infect Dis* 2002; 186 (8):1177-1180.
42. Keating SM, **Bollinger RC**, Quinn TC, Jackson JB, Carruth LM. Cross-clade T lymphocyte mediated immunity to HIV-1: Implications for vaccine design and immunodetection assays. *AIDS Res Hum Retroviruses* 2002; 18(14):1067-1079.
 43. Mehendale SM, **Bollinger RC**, Kulkarni SS, Stallings R, Brookmeyer RS, Kulkarni SV, Divekar AD, Gangakhedkar RR, Joshi SN, Risbud AR, Thakar MA, Mahajan BA, Kale VA, Ghate MV, Gadkari DA, Quinn TC, Paranjape RS. Rapid disease progression in human immunodeficiency virus type 1-infected seroconverters in India. *AIDS Res Hum Retroviruses* 2002; 18(16):1175-1179.
 44. Thakar M, Patke D, Lakhashe S, Bhonge L, Kulkarni S, Tripathy. S, Gupte N, Brookmeyer R, Quinn TC, Paranjape RS, **Bollinger RC**. Consistent cross-subtype anti-HIV-1 immune responses associated with lower plasma viral load in early HIV infection. *AIDS Res Hum Retroviruses* 2002; 18(18):1389-1393.
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 48. Reynolds SJ, Bartlett JG, Quinn TC, Beyrer C, **Bollinger RC**. Antiretroviral therapy where resources are limited. *New Engl J Med* 2003; 348(18):1806-1809.
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51. Phadke MA, Gadgil B, Bharucha KE, Shrotri AN, Sastry J, Gupte NA, Brookmeyer R, Paranjape RS, Bulakh PM, Pisal H, Suryavanshi N, Shankar A, Propper L, Joshi PL, **Bollinger RC**. Replacement fed infants born to human immunodeficiency virus-infected mothers in India have a high early post-partum rate of hospitalization. *J Nutr* 2003; 133:3153-3157.
52. Risbud A, Pereira M, Mehendale S, Gangakhedkar R, Ghate M, Joshi S, Tripathy S, **Bollinger R**, Paranjape R. Lack of evidence for sexual transmission of hepatitis C virus in patients attending STD clinics in Pune, India. *Sex Transm Infect* 2003; 79:425.
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54. Joshi S, Joklekar N, Ghate M, Unni J, Risbud AR, Bentley M, Shepherd M, **Bollinger R**, Mehendale S. Phase I safety & preliminary acceptability of nonoxynol-9 vaginal pessary as a vaginal microbicide in low risk women in Pune, India. *Indian J Med Res* 2003 Apr;117:152-157.
55. Menu E, Scarlatti G, Barré-Sinoussi F, Gray G, **Bollinger RC**, Ioannidis JPA, Miotti P, Osborne C. Mother-to-child transmission of HIV: developing integration of health care programmes with clinical, social and basic research studies. *Acta Paediatrica* 2003; 92:1343-1348.
56. Shankar AV, Pisal H, Patil O, Joshi A, Suryavanshi N, Shrotri A, Bharucha KE, Bulakh P, Phadke MA, **Bollinger RC**, Sastry J. Women's acceptability and husband's support of rapid HIV testing of pregnant women in India. *AIDS Care* 2003; 15(6):871-874.
57. Shrotri A, Shankar AV, Sutar S, Joshi A, Suryavanshi N, Pisal H, Bharucha KE, Phadke MA, **Bollinger RC**, Sastry J. Awareness of HIV/AIDS and household environment of pregnant women in Pune, India. *Int J STD AIDS* 2003; 14:835-839.
58. **Bollinger RC**, Gupta A. GBV-C: A virus in search of a disease or a role in HIV therapy? *Clin Infect Dis* 2004; 38:410-411.
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- informed consent process with visuals in India. *BioMed Central Med* 2004; 2:28.
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 64. Brookmeyer R, Johnson E, **Bollinger R**. Public health vaccination policies for containing an anthrax outbreak. *Nature* 2004; 432(16):901-904.
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 70. Shankar AV, Sastry J, Erande A, Joshi A, Suryawanshi N, Phadke MA, **Bollinger RC**. Making the choice: the translation of global HIV and infant feeding policy to local practice among mothers in Pune, India. *J Nutr* 2005; 135(4):960-965.
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73. Bharucha KE, Sastry J, Shrotri A, Sutar S, Joshi A, Bhore AV, Phadke MA, **Bollinger RC**, Shankar AV. Feasibility of voluntary counseling and testing services for HIV among pregnant women presenting in labor in Pune, India. *Int J STD AIDS* 2005; 16(8):553-555.
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75. Mehta SH, Gupta A, Sahay S, Godbole SV, Joshi SN, Reynolds SJ, Celentano DD, Risbud A, Mehendale SM, **Bollinger RC**. High HIV prevalence among a high-risk subgroup of women attending sexually transmitted infection clinics in Pune, India. *J Acquir Immune Defic Syndr* 2006;41(1):75-80.
76. Brahme R, Mehta S, Sahay S, Joglekar N, Ghate M, Joshi S, Gangakhedkar R, Risbud A, **Bollinger R**, Mehendale S. Correlates and trend of HIV prevalence among female sex workers attending sexually transmitted disease clinics in Pune, India (1993-2002). *J Acquir Immune Defic Syndr* 2006; 41(1):107-113.
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78. Ghate MV, Tripathy SP, Kumar BK, Godbole SV, Chittake A, Nyayanirgune P, Gangakhedkar RR, Divekar AD, Thakar MR, Risbud AR, **Bollinger RC**, Mehendale SM. Rate of hospitalization and inpatient care costs for HIV-1 infected in Pune, India. *Nat Med J India* 2006;19(1):10-14.
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- clinics in Pune, India (1993-2002). *J Acquir Immune Defic Syndr* 2006; 43(4):483-490.
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 87. Gupta A, Nayak U, Ram M, Bhosale R, Patil S, Basavarj A, Kakrani A, Philip S, Choi J, Sethi J, Sastry J, **Bollinger RC**. Post-partum TB incidence and mortality among HIV-infected women and their infants in Pune, India 2002-2005. *Clin Infect Dis* 2007; 45:241-249.
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 89. Mehendale SM, Gupte N, Paranjape RS, Brahme RC, Kohli R, Joglekar N, Godbole SV, Joshi SN, Ghate MV, Sayah S, Kishorekumar B, Gangakhedkar RR, Risbud AR, Brookmeyer RS, **Bollinger RC**. Declining HIV Incidence among patients attending sexually transmitted infection clinics in Pune, India. *J Acquir Immune Defic Syndr* 2007; 45:564-569.
 90. Gupte N, Sastry J, Brookmeyer R, Phadke MA, Bhosale RA, **Bollinger RC**. Declining HIV infection rates among recently married, primigravida women in Pune, India. *J Acquir Immune Defic Syndr* 2007; 570-573.
 91. Sobhani R, Basavaraj A, Gupta A, Bhave AS, Kadam DB, Sangle SA, Prasad HB, Choi J, Josephs J, Gebo KA, Morde SN, **Bollinger RC**, Kakrani AL. Mortality and clinical characteristics of hospitalized adult patients with HIV in Pune, India. *Indian J Med Res* 2007; 126:112-117.
 92. Gupta A, Gupte N, Sastry J, Bharucha KE, Bhosale R, Kulkarni P, Tripathy S, Nayak U, Phadke M, **Bollinger RC**. Mother-to-child transmission of HIV among

- women who chose not to exclusively breastfeed their infants in Pune, India. *Indian J Med Res* 2007; 126:131-134.
93. Pisal H, Sutar S, Sastry J, Kapadia-Kundu N, Joshi A, Joshi M, Leslie J, Scotti L, Bharucha K, Suryavanshi N, Phadke M, **Bollinger RC**, Shankar AV. Nurse's education training in India increases HIV knowledge and reduces fear. *J Assoc Nurses AIDS Care* 2007; 18(6):32-43.
 94. Gupta A, Gupte N, Bhosale R, Kakrani A, Kulkarni V, Nayak U, Thakar M, Sastry J, **Bollinger RC**. Low sensitivity of total lymphocyte count as a surrogate marker to identify pre- and post-partum Indian women who require antiretroviral therapy. *J Acquir Immune Defic Syndr* 2007; 46(3):338-342.
 95. Sinha G, Dyalchand A, Khale M, Kulkarni G, Vasudevan S, **Bollinger RC**. Low utilization of HIV testing during pregnancy: what are the barriers to HIV testing for women in rural India? *J Acquir Immune Defic Syndr* 2008; 47(2):248-252.
 96. Chang LW, Kagaayi J, Gray RH, **Bollinger RC**, Reynolds SJ. Responding to the human resource crisis: peer health workers, mobile phones, and HIV care in Rakai, Uganda. *AIDS Pt Care and STDs* 2008; 22(3):173-174.
 97. Six Week Extended-Dose Nevirapine (SWEN) Study Team. Extended-dose nevirapine to 6 weeks of age for infants to prevent HIV transmission via breastfeeding in Ethiopia, India, and Uganda: an analysis of three randomized controlled trials. *Lancet* 2008; 372(9635):300-313.
 98. Suryavanshi N, Erande A, Pisal H, Shankar AV, Bhosale RA, **Bollinger RC**, Phadke MA, Sastry J. Repeated pregnancy in HIV positive Indian women with known HIV status. *AIDS Care* 2008; 20(9):1111-1118.
 99. Chang LW, Kagaayi J, Nakigozi G, Galiwango R, Mulamba J, Ludigo J, Ruwangula, Gray RH, Quinn TC, **Bollinger RC**. Telecommunications and health care: an HIV/AIDS warmline for communication and consultation in Rakai, Uganda. *J Int Assoc Physicians AIDS Care* 2008; Sept 7(3):130-132 Epub.
 100. Ghate M, Deshpande S, Tripathy S, Nene M, Gedam P, Godbole S, Thakar M, Risbud A, Bollinger R, Mehendale S. Incidence of common opportunistic infections in HIV-infected individuals in Pune, India: analysis by stages of immunosuppression represented by CD4 counts. *Int J Infect Dis* 2008; Jul 2 Epub.
 101. Singh HK, Gupta A, Siberry GK, Gupte N, Sastry J, Kinikar A, Shah I, Gangakhedkar RR, **Bollinger RC**, Kulkarni V. The Indian pediatric HIV epidemic: a systematic review. *Curr HIV Res* 2008; 6:419-432.

102. Kulkarni SS, Thakar MR, Brahme RG, Tripathy SP, Mehendale SM, Quinn TM, **Bollinger RC**, Paranjape RS. Neutralizing antibody responses in recent seroconverters with HIV-1 subtype C infections in India. *AIDS Res Hum Retroviruses* 2008; 24(9):1159-1166.
103. Gupta A, Anand S, Sastry J, Krisagar A, Basavaraj A, Bhat, SM, Gupte N, **Bollinger RC**, Kakrani AL. High risk for occupational exposure to HIV and utilization of post-exposure prophylaxis in a teaching hospital in Pune, India. *BMC Infect Dis* 2008; 8:142
104. Moorthy A, Gupta A, Bhosale R, Tripathy S, Sastry J, Kulkarni S, Thakar M, Bharadwaj R, Kagal A, Bhore AV, Patil S, Kulkarni V, Varadharajan V, Balasubramaniam U, Suryavanshi N, Ziemniak C, Gupte N, **Bollinger R**, Persaud D. Nevirapine resistance and breast-milk HIV transmission: effects of single and extended-dose nevirapine prophylaxis in subtype C HIV-infected infants. *PLoS One* 2008;4(1):e4096.
105. Mwandagirwa K, Jackson EF, McClamroch K, Ryder RW, **Bollinger RC**, Weir S. Local differences in HIV prevalence: a comparison of social venue patrons, antenatal patients, and STI patients in Eastern Kinshasa. *Sex Transm Dis* 2008 (In Press)
106. Kulkarni SS, Lapedes A, Tang H, Gnanakaran S, Daniels MG, Zhang M, Bhattacharya T, Li M, Polonis VR, McCutchan FE, Morris L, Ellenberger D, Butera ST, **Bollinger RC**, Korber BT, Paranjape RS, Montefiori DC. Highly complex neutralization determinants on a monophyletic lineage of newly transmitted subtype C HIV-1 env clones from India. *Virology* (Submitted Nov 2008).
107. Godbole S, Mehendale S, Sane S, **Bollinger R**, Gupta A. Training needs in HIV care and management among allopathic and non-allopathic health care providers in Pune, India. *Int J Med Res* (Submitted Nov 2008).

Extramural Funding:

Current Grants

1. National Institutes of Health, NIAID
Byramjee Jeejeebhoy Medical College (BJMC), Pune, India: Clinical Trials Unit
9/20/07-1/31/14
U01 AI069497
Role: Principal Investigator (15% effort supported)
2. National Institutes of Health, NIAID
Year 2 Protocol Implementation Funds for BJMC
Byramjee Jeejeebhoy Medical College (BJMC)

- Clinical Trials Unit – Pune, India
2/1/08-1/31/09
U01 AI069497
Role: Principal-Investigator (no salary support)
3. National Institutes of Health, NIAID
India OAR Distance Learning Supplement
Byramjee Jeejeebhoy Medical College (BJMC)
Clinical Trials Unit – Pune, India
9/22/08-12/31/08
U01 AI069497
Role: Principal-Investigator (3% effort supported)
4. National Institutes of Health, NIAID
National AIDS Research Institute, Pune, India: Clinical Trials Unit
8/15/07-1/31/14
U01 AI069417
Principal Investigator: Sanjay Mehendale
Role: Co-Investigator (20% effort supported)
5. National Institutes of Health, NIAID
HIV Prevention Trials Network: Network Laboratory
6/29/06-5/31/13
U01 AI068613
PI: Susan Eshleman
Role: Co-Investigator (10% effort supported)
6. National Institutes of Health, NIAID
HIV Prevention Trial Unit (HPTU) – Pune, India
7/1/00-12/31/08 (no cost extension pending)
1U01 AI47968
Role: Principal-Investigator (25% effort supported)
7. CDC/Makerere University
PEPFAR Distance Learning Initiative – Uganda
4/1/08-3/31/09
5U02GPS000971
PI: David Serwadda
Role: Co-Investigator (25% effort supported)
8. Bill & Melinda Gates Foundation
Partnership for Building the Capacity of Makerere
University to Improve Health Outcomes in Uganda
11/1/08-10/31/10
49504
PI: David Peters

Role: Co-Investigator (25% effort supported)

Pending Grants

- 1 National Institutes of Health
The Impact of Nutritional Status on Early HIV Treatment Failure in Resource-limited Settings
4/01/09-3/31/13
PI: Amita Gupta
Role: Co-Investigator (5% effort)

- 2 National Institutes of Health
Traditional, Complementary and Alternative Medicine (TCAM) Use in HIV-infected Indian Patients on Anti-retroviral Therapy (ART)
11/01/09-10/31/13
PI: Anita Shankar
Role: Co-investigator (2% effort)

Previous Grants

1. National Institutes of Health, NIAID
PAVE Project: The Epidemiology and Incidence of HIV-1 and HIV-2 in Western India
9/30/92 - 9/29/94
R21 AI3387901
Role: Principal-Investigator (30% effort)

2. National Institutes of Health
General Clinical Research Center - Clinical Associate Physician Award.
5MO 1RR0072222
12/1/92 - 11/30/95
Role: Principal-Investigator (35% effort)\

3. Johns Hopkins University School of Medicine Institutional Research Grant.
HIV-Specific Cytolytic T Lymphocytes: Effect on HIV Replication.
6/1/94 - 5/31/95
Role: Principal-Investigator (5% effort)

4. National Institutes of Health, NIAID
HIV-Specific CTL Activity in Concordant/Discordant Couples
9/1/99 - 8/31/01
1R03 AI 45119-01

- Role: Principal-Investigator (0% effort supported)
5. National Institutes of Health
Acute Infection and Early Disease Research Network
7/1/97-6/30/02
1U01 AI41532
Principal Investigator: Joseph Margolick, M.D., Ph.D.
Role: Co-Investigator (5% effort supported)
 6. National Institutes of Health
Pathogenesis of Acute Primary HIV Infection in India
12/1/97 - 11/30/02
1 R01-AI41369
Role: Principal Investigator (3% effort supported)
 7. National Institutes of Health, NIAID
HIV Vaccine Trial Unit (HVTU) – Pune, India
6/1/00 – 5/31/05
1 U01-AI47976-03
Role: Principal-Investigator (10% effort supported)
 8. National Institutes of Health
Statistical Models for Anthrax
9/30/02 - 8/31/05
1R21 AI53303-01
Principal Investigator: Ronald Brookmeyer
Role: Co-Investigator (10% effort supported)
 9. National Institutes of Health
HIV Prevention Trials Network (HPTN) - Central Laboratory
3/01/00-12/31/06
1U01 AI46745-04
Principal Investigator (Central Lab Contract): Brooks Jackson, M.D.
Role: Co-investigator/Director of HPTN Core Immunology Laboratory (25% effort)
 10. National Institutes of Health
International Therapeutic Clinical Trials Training and Research Initiative
12/01/02-12/31/06
Contract# AACTG.44UICTU.06
Principal Investigator: Charles Flexner
Role: Co-Investigator (5% effort supported)
 11. National Institutes of Health, NIAID

Center for AIDS Research
9/30/00-12/31/06
1P30 A142855
Principal Investigator: John Bartlett
Role: Co-Investigator (5% effort)

12. National Institutes of Health
Prevention of Maternal to Infant HIV Transmission in India
9/01/99-1/31/08
U01-AI045462
Role: Principal-Investigator (25% effort supported)
13. National Institutes of Health, NIAID
HPTN 059 – Phase II Expanded Safety and Acceptability Study of the Vaginal
Microbicide 1% Tenofovir Gel
2/01/05-5/31/08
U01 A146749
Role: Principal-Investigator (5% effort supported)

Previous Contracts

1. National Institutes of Health, NIAID
HIVNET Project: The Epidemiology of HIV in Western India
N01 AI35173-113
11/4/94 – 11/3/98
Role: Principal-Investigator (30% effort)
2. National Institutes of Health
Family Health International,
Development of Recombinant Vaccinia Expressing HIV-1 Subtype C env
Supplement to Subcontract #NO1-AI-35173-113
11/1/96 - 2/03/98
Role: Principal-Investigator (5% effort)
3. Immune Response Corporation Contract
Phase II Study of Remune in HIV-infected Individuals on HAART Therapy
2/1/97 - 3/31/98
Principal Investigator (IRC Contract): Janine Maenza, M.D.
Role: CTL Sub-study Principal Investigator
4. National Institutes of Health, NIAID
Family Health International. International HIVNET Trials -
Multisite Vaginal Microbicides - Pilot and Phase 1-2 Studies - India.

Supplement to Subcontract #NO1-AI-35173-113
7/1/97 – 2/28/99

Role: Principal-Investigator (10% effort)

5. National Institutes of Health
Family Health International
Supplement to Subcontract #NO1-AI-35173-113
Condom Promotion in Discordant Couples
3/01/98 - 10/31/99
Role: Principal-Investigator (10% effort)

6. National Institutes of Health
Social & Scientific Systems
Adult AIDS Clinical Trials Group - Immunology Advanced Technology
Laboratories: Immunology Core Lab 96I C003
1/1/96 – 3/31/00
Principal Investigator (ATL): Howard W. Lederman, M.D., Ph.D.
Role: Co-Investigator/Director, Core CTL Laboratory (10% effort)

EDUCATIONAL ACTIVITIES

Educational Publications:

1. **Bollinger RC** and Siliciano RF. Immunodeficiency in HIV-1 infection. In: AIDS and Other Manifestations of HIV Infection, 2nd Edition. Ed: Wormser G. Raven Press, Ltd., 1992; Chapter 11, pp. 145-163.

2. **Bollinger RC** and Quinn TC. Tropical disease in the HIV-infected traveler. In: Textbook of AIDS Medicine. Eds: Broder S, Merigan TC, and Bolognesi D. Williams & Wilkins, 1994; Chapter 20, pp. 311-322.

3. Quinn TC and **Bollinger RC**. Parasitic diseases during pregnancy. In: Gynecology & Obstetrics, Volume 3. Eds: Droegemueller W and Sciarra JJ. J.B. Lippincott, 1994; Chapter 51, pp. 1-28.

4. **Bollinger RC** and Quinn TC. Approach to gastrointestinal infection in immunosuppressed patients. In: Gastrointestinal and Hepatic Infections. Eds: Surawicz A and Owen R. W.B. Saunders, 1994; pp. 575-595.

5. **Bollinger RC** and Quinn TC. Tropical diseases in the HIV-infected traveler. In: Textbook of AIDS Medicine, 2e. Edited by S, Merigan TC, Bartlett, J D, Bolognesi D. Williams & Wilkins, 1998; pp. 311-322.

6. **Bollinger RC**. Seroconversion. In: Encyclopedia of AIDS. 1998; pp. 82-85.

7. **Bollinger RC** and Gangakhedkar RR. HIV in Southeast Asia. In: Encyclopedia of AIDS. 1998; p. 441.
8. Alazraqui TA, **Bollinger RC** and Ward BJ. Tetanus. In: Hunter's Tropical Medicine 8th Edition. Strickland GT, Editor. W.B. Saunders Co., 2000; Chapter 53: pp. 379-381.
9. **Bollinger RC** and Bartlett JG. Botulism. In: Hunter's Tropical Medicine 8th Edition. Strickland GT, Editor. W.B. Saunders Co., 2000; Chapter 54: pp.381-383.
10. **Bollinger RC** and Bartlett JG., Gas gangrene. In: Hunter's Tropical Medicine 8th Edition. Strickland GT, Editor. W.B. Saunders Co., 2000; Chapter 57: pp.388-390.
11. Mehta S and **Bollinger RC**. Current HIV/AIDS Diagnosis, Reporting and Surveillance: Projected Scenarios: Case Study. In: HIV in India. Essex M and Lu Y, 2004, AIDS in Asia, New York: Kluwer Academic/Plenum Publishers, 337-351.
12. Reynolds SJ and **Bollinger RC**. Acute HIV infection. In: Sexually Transmitted Infections. Kumar B & Gupta S, Editors. Elsevier, Delhi, India 2005; Chapter 61: pp. 650-655.
13. Gupta A and **Bollinger RC**. Treatment of intestinal parasites. In: Advanced Therapy of Gastrointestinal Diseases 5th Edition. Bayless TM and Diehl AM, Editors. BC Decker, Inc, Hamilton, Ontario, Canada, 2005.
14. Gupta A, Bollinger RC. Combating HBIV/AIDS: The Need for Public Private health Partnerships. In: Global Scenario on HIV and AIDS: Is There a Way Out? Eds: Naveen Kumar and VV Ramani, Icfai University Press, Hyderabad, India, 2008.

Teaching

Classroom Instruction

7/89-1997	Course Coordinator/Instructor , Tropical Medicine and International Health Course, Johns Hopkins University School of Medicine
1992	Instructor , Immunology Course, Johns Hopkins University School of Medicine
1994	Instructor , Medical Pharmacology Course, Department

of Pharmacology and Molecular Sciences, Johns
Hopkins University School of Medicine

- 1992 **Instructor**, Johns Hopkins Bloomberg School of Public Health, Biological Basis of Public Health
- 1992 **Instructor**, Johns Hopkins Bloomberg School of Public Health, Clinical Aspects of Tropical Diseases
- 1996 **Instructor**, Johns Hopkins Bloomberg School of Public Health, Summer Institute in Tropical Medicine and Public Health
- 1997 **Instructor**, Johns Hopkins University Undergraduate Course in Careers and Issues in Public Health and International Health
- 1997 **Instructor**, Johns Hopkins Bloomberg School of Public Health, Infectious Diseases and Public Health
- 2003 **Instructor**, Johns Hopkins University School of Medicine Microbiology and Infectious Diseases Pathophysiology Course
- 2007 **Instructor**, Johns Hopkins University School of Medicine Patient, Physician and Society Course

Clinical Instruction

- 1992-present Moore Clinic: Attending physician supervision/training of medical students, residents, post-doctoral fellows in the outpatient HIV clinic.
- 1992-present Frank Polk Unit Service: Attending physician supervision/training, daily teaching rounds for medical students, residents, post-doctoral fellows in the in-patient HIV unit at Johns Hopkins Hospital
- 1992-present Infectious Diseases Consultation Service: Attending physician supervision/training, daily teaching rounds for medical students, residents, post-doctoral fellows with the in-patient infectious diseases consultation service at Johns Hopkins Hospital
- 2007-present Barker Firm: Attending physician supervision/training of medical students, residents, post-doctoral fellows in the in-patient General Medicine unit at Johns Hopkins Hospital.

CME Instruction

August 1, 2006

Johns Hopkins University School of Medicine
Second Annual Diseases Update for the Primary Care Practitioner
Baltimore, MD

Lecture: *“The Global Community: International Trends in Infectious Diseases – What Does the PCP Need to Know?”*

Mentoring (pre- and post-doctoral)

Advisees

<i>Name</i>	<i>Degree</i>	<i>Training Period</i>	<i>Current/Last Known Position, Institution</i>
Oluwaseun Falade	MD	2006-present	Resident, Johns Hopkins Medicine, General Internal Medicine
Larry Chang	MD	2006-present	Fellow, Johns Hopkins Infectious Diseases
Harjot Singh	MD	2006	MD at New York-Presbyterian Hospital/Weill Cornell Medical Center, New York, NY
Kathleen Page	MD	2006-07	Assistant Professor, Johns Hopkins School of Medicine, Division of Infectious Diseases
Anu Garg	MPH	2006-07	PH GR Graduate, Johns Hopkins Bloomberg School of Public Health
Poorva Kulkarni	BPharm	2005-07	PH GR Graduate, Johns Hopkins Bloomberg School of Public Health
Gita Sinha	MD	2004-07	Assistant Professor, Johns Hopkins School of Medicine, Division of Infectious Diseases
Amita Gupta	MD	2004-05	Assistant Professor, Johns Hopkins School of Medicine, Division of Infectious Diseases
Meg Dogherty	MD	2004-05	Assistant Professor, Johns Hopkins School of Medicine, Division of Infectious Diseases; Director of Clinical and Training Services, Johns Hopkins ISEHAI, Addis, Ababa, Ethiopia
Pankaj Sadaphal	MBBS	2004-06	Sr. Technical Advisor, Tuberculosis and Infectious Diseases, University Research Co., Bethesda, MD
Vikrant Sahasrabudhe	DrPH	2004-06	Assistant Professor of Pediatrics, Vanderbilt University School of Medicine

<i>Name</i>	<i>Degree</i>	<i>Training Period</i>	<i>Current/Last Known Position, Institution</i>
Kamini Walia	PhD	2004-05	Review Scientist, Indian Council of Medical Research, New Delhi, India
Sandeepkumar Nair	BPharm, MPH	2004-05	BJ Medical College, Pune, India
Ramona Farid-Sobhani	MD	2003-05	MD, Internal Medicine and Infectious Diseases at Sinai Hospital of Baltimore
Jeremie Muwonga	MD, MPH	2003	Director, National Reference Laboratory, Kinshasa, Democratic Republic of Congo
Srikanth Tripathy	MD	2003	Deputy Director, National AIDS Research Institute (NARI), Pune, India
Nikhil Gupte	PhD	2002-03	Data Manager, Byrami Jeejeebhoy Medical College, Pune, India: Clinical Trials Unit
John Perez	MD	2002	Assistant Medical Director in Research, Abbott Laboratories
Jayagowri Sastry	MD, MPH	2002	Clinic Research Site Leader, Byrami Jeejeebhoy Medical College, Pune, India: Clinical Trials Unit
Abhijeet Anand	MBBS, MPH	2002-03	Epidemic Intelligence Service Officer, Global AIDS Program National Center for HIV, STD & TB Prevention
Rajenta Shukla	DrPH	2001-02	Joint Secretary & Project Coordinator, Health & Family Welfare, Calcutta, India
Steven Reynolds	MD	2000-03	Assistant Professor, Johns Hopkins School of Medicine, NIAID, NIH Program Officer for Uganda
Lucy Carruth	PhD	2000	Adjunct Assistant Professor, Department of Molecular and Comparative Pathophysiology Medicine, Johns Hopkins University School of Medicine; Director, Product Development, Cylex, Inc., Columbia, MD
Sasi Jonnalagadda	MPH	2000-01	PhD Candidate, Emory University, Atlanta, GA
Smita Kulkarni	PhD	2000	Assistant Director, Molecular Virology, NARI, Indian Council of Medical Research, National AIDS Research Institute (NARI), Pune, India
Mwandagalirw Kashamuka	MHS	2000	Project Coordinator of Fogarty AITRP HIV/AIDS Project JHU/UNC, Democratic Republic of Congo

<i>Name</i>	<i>Degree</i>	<i>Training Period</i>	<i>Current/Last Known Position, Institution</i>
Mrudula Phadke	MD	2000	Vice Chancellor, Maharashtra University of Health Sciences, Nashik, India; Dean Emeritus, BJ Medical College and Sasson General Hospitals, Pune, India
Mary Shepherd	MS	2000	Research Faculty, International Health, Johns Hopkins University, School of Public Health
Pratibha Dalal	MD	1999	Professor and Head, Microbiology, GMC and JJ Group, Mumbai India
Deborah Gill	MD	1999	N/A
Stuart Ray	MD	1998	Associate Professor, Department of Medicine, Division of Infectious Diseases
Pankaj Sadaphil	MD, DrPh	1998-03	DrPh Candidate, Epidemiology, Johns Hopkins Bloomberg School of Public Health
Deepa Patke	PhD	1998-01	Post-Doctoral Fellow, University of Maryland
Avni Amin	PhD	1997-99	Senior Program Associate, Center for Health & Gender Equity, Washington, DC
Kavita Lole	PhD	1997-99	Senior Scientist, National Institute of Virology, Pune, India
Arun Risbud	MBBS	1996	Deputy Director, National AIDS Research Institute (NARI), Pune, India
Subramanian Thilakavathi	PhD	1996	Assistant Director, Indian Council of Medical Research, Chennai, India
Robert Pelz	MD	1996	Fellow, Critical Care Medicine, NIH, Bethesda, MD
Upended Singh	MD	1995	Department of Microbiology, All India Institute of Medical Sciences, New Delhi, India
Deborah Porterfield	MD	1995	Assistant Professor, Department of Social Medicine, University of North Carolina
Deepak Gadkari	PhD	1995	Emeritis Professor, National Institute of Virology, Pune, India
Raman Gangakhedkar	MBBS	1995-96	Research Officer, National AIDS Research Institute, Pune, India
Kirk Chan-Track	MD	1994	University of Missouri, Columbia, MO
Syantani Debarati Dasgupta	MD	1994	Department of Anaesthesia, Critical Care and Pain, Tata Memorial Centre, Mumbai, India
Karina Kielmann	PhD	1994-95	London School of Hygiene and Tropical Medicine

<i>Name</i>	<i>Degree</i>	<i>Training Period</i>	<i>Current/Last Known Position, Institution</i>
Sanjay Mehendale	MD	1994	Deputy Director, National AIDS Research Institute (NARI), Pune, India
Ramesh Paranjape	MD	1994-95	Director, National AIDS Research Institute (NARI), Pune, India
Michael Radosevich	MD	1993	Carver College of Medicine, University of Iowa Hospitals & Clinics
Usha Sharma	MHS, PhD	1993	Program Officer, PSB/DAIDS/NIAID/NIH

Thesis Committees

<i>Name</i>	<i>Degree</i>	<i>Year</i>	<i>Thesis Title</i>
Monisha Jayakumar	PhD Candidate	2008	Influenza in children in Southern India
Catherine Sutcliffe	PhD	2007	“Factors determining antiretroviral treatment initiation and response among HIV-1 infected children in rural and urban Zambia”
Abay Jere	PhD	2006	‘Immunobiology of HIV infection with reference to <i>nef</i> gene in Indian subtype C’ University of Pune
Diana Spies Pope	PhD	2006	“Cluster Randomized Intervention Trial to Evaluate the Impact of "Opting-Out" vs. "Opting-In" Strategies on the Uptake of HIV Counseling and Testing of TB Patients in the Province of the Eastern Cape, South Africa”
Pankaj Sadaphal	DrPh	2006	“The World Bank-ORG Tuberculosis Patient Survey: Lessons from Three States of India”

Current Training Grants

1. National Institutes of Health, Fogarty AIDS International Training & Research Program (AITRP)
10/01/98-5/31/13
2 D43 TW000010-21
Principal Investigator (JHU-Fogarty Program): Christopher Beyrer
Role: Principal-Investigator/India and Democratic Republic of Congo Programs
(Training grant, 0% effort supported)
2. National Institutes of Health, Fogarty International Center

AIDS International Training and Research Program
6/01/04-12/31/07 (pending NCE)
5-D43-TW001039-06-08
Principal Investigator: Adaora Adimora, UNC-CH
Role: Project Director
(Training Grant, 0% effort supported)

3. Center for Disease Control
Region III STD/HIV Prevention Training Center
Training Center
4/01/06-3/31/11
R30-PS000259-01
Principal Investigator: Anne Rompalo
Role: Co-Investigator
(Training grant, 0% effort supported)
4. National Institutes of Health
NIH National Research Service Award Institutional Research Training
8/01/06-7/30/11
PA-02-109
Principal Investigator: Cynthia Sears
Role: Co-Program Director
(Training grant, 1% effort, 0% salary support)
5. National Institutes of Health
NIH National Research Service Award Institutional Research Training
9/01/06-8/31/11
PA-02-109
Principal Investigator: Jonathan Zenilman
Role: Co-Investigator
(Training grant, 0% effort supported)

Previous Training Grants:

1. National Institutes of Health, Fogarty International Center
International Training Grants in Epidemiology of AIDS
Discretionary Fund for HIV Research in India
1R03TW00898-01
9/21/94 - 9/20/98
Principal Investigator (JHU-Fogarty Program): Christopher Beyrer
Role: Principal-Investigator/India Project Director (0 % effort supported)
2. National Institutes of Health/Fogarty International Center
HIV Subtyping in India Training Grant
TW00010-12

CLINICAL ACTIVITIES

Certification:

- 1985 Maryland State Medical License (#D32747)
- 1985 Diplomat, National Board of Medical Examiners
- 1988 Board Certified, American Board of Internal Medicine (#113391)
- 1992 Board Certified, Infectious Diseases (#113391)

Service Responsibilities:

Attending Physician, Moore Clinic: An outpatient care clinic for patients with HIV infection. (One afternoon/month)

Attending Physician, Mann Inpatient Consultation: An inpatient referral service for infectious diseases consultations. (3 weeks/year)

Attending Physician, Frank Polk Unit: A unit for patients with HIV infection. (3 weeks/year)

Attending Physician, Barker Firm: General Medicine inpatient unit. (1 month/year)

ORGANIZATIONAL ACTIVITIES

Institutional Administrative Appointments

- 1992-present **Executive Committee Member**, Johns Hopkins University
Fogarty International Center Program of International Training
Grants in Epidemiology Related to AIDS
- 1993 **Faculty Advisor**, Graduate Program in Vaccine Development Evaluation
and Policy Track, Center for Immunization Research
Johns Hopkins Bloomberg School of Public Health
- 1994-1995 **Member**, Molecular and Clinical Research Council
Johns Hopkins University, School of Medicine
- 1999-2000 **Member**, Review Committee for the Department of International Health
Johns Hopkins Bloomberg School of Public Health

- 2001 **Chair**, Hopkins Bioterrorism Clinical Management Working Group
- 2002-2004 **Member**, Length-of-Stay Committee
Johns Hopkins Department of Medicine
- 2004 **Member**, Clinical Care Safety and Quality Improvement Committee
Johns Hopkins Department of Medicine
- 2006 **Member**, International Health Review Committee
Johns Hopkins Bloomberg School of Public Health
- 2004-present **Director**, Center for Clinical Global Health Education
The Johns Hopkins Department of Medicine
- 2006-present **Associate Director**, Center for Global Health
The Johns Hopkins Department of Medicine
- 2007 **Member**, Advisory Committee, Global Health and Foreign Policy
Initiative, the Johns Hopkins School of Advanced International Studies
- 2008 **Member**, Consortium Working Group, Johns Hopkins, University of
Washington, University of California San Francisco, University of
Pennsylvania Consortium of Academic Centers Committed to Cross-
Disciplinary Global Health Training and Mentorship

Editorial Activities

Indian Journal of Medical Research (Special Issue April 2005)

Journal Peer Review Activities

AIDS Journal
 AIDS Research and Human Retroviruses
 American Family Physician
 American Journal of Epidemiology
 American Journal of Public Health
 American Journal of Tropical Medicine and Hygiene
 Clinical and Diagnostic Laboratory Immunology
 Clinical and Experimental Immunology
 Clinical Infectious Diseases
 International Journal of Tuberculosis
 Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology
 JAMA
 Journal of Clinical Microbiology

Journal of Health, Population and Nutrition
 Journal of Immunology
 Journal of Infectious Diseases
 Journal of Virology
 Nature Medicine
 National Medical Journal of India
 New England Journal of Medicine
 Rapid Science Publishers
 Tubercle and Lung Diseases
 The Lancet

Advisory Committee Appointments:

- 1993-1996 Member, ACTG Cellular Immunology Working Group
- 1995-1997 Co-Chairperson, NIAID, HIVNET, HIV Vaccine Sciences Direction Group
- 1996 Member, ACTG Cytolytic T Lymphocyte (CTL) Working Group
- 1996 Member, AIDS Vaccine Selection Group, NIH AIDS Vaccine Evaluation Group
- 1996-1999 Member, American Board of Internal Medicine Examination Board
- 2004 Member, External Advisory Committee, Department of Infectious Diseases and Immunology, University of Pittsburgh School of Public Health
- 2004-present Member, Planning Group for Natural History and Epidemiology Research, National Institutes of Health, Office of AIDS Research (OAR)
- 2004-present Member, Advisory Board, Johns Hopkins Medicine Point of Care Information Technology (POC-IT) Center
- 2004-present Member, Advisory Board Capital Technology Information Services
- 2005-present Member, Presidential Advisory Council on HIV/AIDS (PACHA)
- 2007-present Member, Primary Therapy Scientific Committee (PTC), International Maternal Pediatric Adolescent AIDS Clinical Trials Group (IMPAACT)
- 2007-present Member, Performance Evaluation Resource Committee (PERC), International Maternal Pediatric Adolescent AIDS Clinical Trials Group (IMPAACT)
- 2007-2008 Member, Protocol Development and Monitoring Committee (PD & MC), International Maternal Pediatric Adolescent AIDS Clinical Trials Group

(IMPAACT)

- 2007 Member, Study Monitoring Committee (SMC), DAIDS, NIH HPTN Network Laboratory, HPTN 046, “HIV Prevention Trials Network Laboratory Phase III Trial to Determine the Efficacy and Safety of an Extended Regimen of Nevirapine in Infants Born to HIV Infected Women to Prevent Vertical HIV Transmission During Breastfeeding”
- 2007 Member, Study Monitoring Committee (SMC), HPTN 057, “HIV Prevention Trials Network Laboratory A Phase I Open Label Trial of the Safety and Pharmacokinetics of Tenofovir Disoproxil Fumarate in HIV-1 Infected Pregnant Women and their Infants”
- 2007 Member, Clinical Management Committee (CMC), HIV Prevention Trials Network Study HPTN 052, “A Randomized Trial to Evaluate the Effectiveness of ART plus HIV Primary Care versus HIV Primary Care Alone to Prevent the Sexual Transmission of HIV-1 in Serodiscordant Couples
- 2007 Member, Cross Network Immunology Quality Assurance (IQA) Working Group, HIV Prevention Trials Network Laboratory, DAIDS
- 2008 Member, Mahatma Gandhi University of Health Sciences Advisory Board,
Navi Mumbai, India
- 2008 Member, Board of Directors of Great Lakes Restoration, “Building the Peace” Eastern Africa

Extramural Research Grant Review Committee Activities:

- 1996 The Wellcome Trust
- 1998 NIAID, NIH Study Section
Innovative Grants in HIV Vaccine Development
- 1999 Fund for Scientific Research-Flanders (Belgium)
- 2000 Canadian Institutes of Health Research (CIHR)
- 1999-2004 Doris Duke Foundation
- 2001 NIDCR, NIH HIV Study Section (RFA: DE-02-007)
Research on HIV/AIDS Infection and the Oral Cavity

- 2002 NIAID, NIH Study Section (RFP: NIH-NIAID-DAIDS-03-12)
HIV Vaccine Design and Development Teams
- 2003 USAID, Data Safety and Monitoring Board Committee Member,
for “Randomized double-blind, placebo-controlled trial of zinc
supplementation in HIV-infected children” study conducted at Greys
Hospital, Pietermaritzburg, South Africa, William Moss, M.D. (PI)
- 2005 Canadian Institutes of Health Research (CIHR)
- 2007 NIH Director’s New Innovator Award Reviewer, Special Emphasis
Panel/Scientific Review Group 2007-08
- 2007 Canadian Institutes of Health Research (CIHR)
- 2007 National Institute of Child Health and Human Development, NIH
RFA-HD-07-006, “Diagnostic and Pharmacokinetic Research in Pediatric
HIV/TB and Effects of Co-Infection on the Central Nervous System (R01)”

Consultant Appointments:

- 1994 HIV/AIDS Prevention Task Force, PVO Child Survival Support Program,
Family Health International
- 1996-1999 NIAID AIDS Clinical Trials Group
HIV-Specific Immune Modulation Therapeutic Subcommittee
- 2000-present The National Resource Center for AIDS Education and Training Centers
- June 2001 World Bank Institute, Improving treatment and quality of life of people
living with HIV/AIDS in low-income countries: What role for anti-
retroviral drugs?
- 2006-present President’s Emergency Plan for AIDS Relief: Gender and
HIV/AIDS Consultation

Professional Societies:

- 1990 American College of Physicians (#025423)
- 1991 American Society for Microbiology (#55007587)
- 1991 Infectious Disease Society of America (#3857)
- 1992 American Association for the Advancement of Science (#10019680)

- 1999 American Society of Tropical Medicine and Hygiene
- 2004 International AIDS Society (#3653)

Invited Talks/Panels (2007-present)

April 14, 2007

Leaders in Public Health Symposium

Haverford College

Haverford, PA

Lecture: “*Careers in Global Health: Challenges and Opportunities*”

April 25, 2007

Healthcare and Medical Research Collaborations between the United States and South Asia

2007 Internet2 Annual Meeting

Arlington, Virginia

Roundtable Discussion, Panel Session II: The Importance of International Research Collaboration and R&E Networking in South Asia

Topic: “*Lessons Learned from bringing the National AIDS Institute of India and JHU researchers together: What was possible, and what wasn’t possible with the level of connection in place*”

April 27, 2007

SAIS Global Health and Foreign Policy Initiative

The Paul H. Nitze School of Advanced International Studies (SAIS)

Washington, D.C.

Lecture: “*The Future of US Efforts to Fight the HIV/AIDS Pandemic*”

April 30, 2007

Cross-Cutting Issues in HIV Therapy and Management: Emerging Challenges

US Food and Drug Administration Center for Drug Evaluation and Research, and Committee for Advanced Scientific Education

Silver Spring, Maryland

Lecture: “*HIV Clinical Trials in the International Setting*”

June 5, 2007

South Asia Advanced Area Studies

Foreign Institute of the U.S. Department of State
Washington, D.C.
Lecture: “*Public Health Issues in South Asia*”

June 8, 2007

Northeast Group on Educational Affairs
2007 Annual Educational Retreat
Stony Brook University School of Medicine
Stony Brook, NY
Plenary I: “*Global Health Education*”

June 18, 2007

2007 HIV/AIDS Implementers’ Meeting
Kigali, Rwanda
“*Improved Practice Through Networking and Knowledge Management*”
Session Moderator

July 17, 2007

Center for Strategic International Studies (CSIS) Conference
Building Capacity on Global Health Policy
Washington, D.C.

September 14, 2007

University of Pittsburgh School of Medicine
Medical Education Grand Rounds
Pittsburgh, PA
Lecture: “*Global Health Education: What in the World Must We Do?*”

October 14-17, 2007

National Institutes of Health, Office of AIDS Research
Indo-US Grant Writing Workshop
Hyderabad Marriott Hotel
Hyderabad, India
Instructor

January 25-26, 2008

SAAN 2008: Catalyst for Change
South Asian Awareness Network
University of Michigan
Ann Arbor, MI
Lecture: HIV Overview

March 6, 2008

Center for Global Development, 1776 Massachusetts Avenue, NW, Third
Floor, Washington, DC

Discussion: “Challenges in the Management of HIV in India”
Discussant

March 27, 2008

Jefferson Vaccine Center Yearly Retreat
Thomas Jefferson University
Philadelphia, PA

Lecture: “*Priorities and Opportunities for Vaccine Development: A Global View*”

April 3, 2008

VIII Brasil-Johns Hopkins University on HIV/AIDS
Hotel Sofitel
Rio de Janeiro, Brazil

Lecture: “*The Need to Build a Culture and Capacity for Clinical Research within HIV Prevention, Care and Treatment Programs*”

May 9 and 10, 2008

Course of Infections Intrahospital 2008
Johns Hopkins Medicine International and Clinic of Condes
Santiago, Chile

Lectures: “*Antibiotic Management Program. Hopkins Experience*”
“*Nococomial Pneumonia and Respiratory Tract Infections*”
“*C-difficile*”

May 13, 2008

Foreign Service Institute
U.S. Department of State

Lecture: “*An Annual Checkup of South Asia’s Public Health*”

September 25, 2008

Children’s National Medical Center
Washington DC

Lecture: “*Telemedicine in Resource Limited Countries*”

October 28, 2008

University of Pennsylvania: Wharton School
Philadelphia, PA

Lecture: “*Global epidemiology and its Impact on the Macroeconomics of Countries*”

December 1, 2008

The Johns Hopkins Hospital
Caring for the City of HIV, World AIDS Day Celebration
Pastoral Care at the Johns Hopkins Hospital
Baltimore, MD

Lecture: “*Global Perspective of HIV*”