

CURRICULUM VITAE

Lisa E. Manhart

Biographical Information

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UW Center for AIDS and STD
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Education

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| Indiana University, Bloomington, IN. B.A., French, with High Distinction | 1979-1982 |
| Tulane University, New Orleans, LA. M.P.H., International Health & Development | 1993-1994 |
| University of Washington, Seattle, WA. Ph.D., Epidemiology | 1997-2002 |

Professional Positions

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| Personnel, Administration, Teller Manager, Teller, United Banks of Colorado | 1983-1990 |
| Peace Corps Volunteer and Technical Trainer, Morocco | 1990-1993 |
| Field Manager-AIDS Control & Prevention Project (AIDSCAP) Morocco | 1995-1997 |
| Evaluation Consultant MEASURE, FRONTIERS, and I-TECH projects | 2001-2003 |
| Post-doctoral Fellow, National Institutes of Health STD Training Grant | 2002-2003 |
| Assistant Professor, Department of Epidemiology, University of Washington | 2003-2009 |
| Director, Global Health Track in Epidemiology, University of Washington | 2010-2013 |
| Associate Professor, Department of Epidemiology, University of Washington | 2009-2015 |
| Adjunct Associate Professor, Global Health, University of Washington | 2010-2015 |
| Founding Co-Director, UW START Program (collaborative student research program with the Bill & Melinda Gates Foundation) | 2011-2015 |
| Founding Co-Director, UW START Center | 2013-2015 |
| Professor, Department of Epidemiology, University of Washington | 2015-current |
| Adjunct Professor, Global Health, University of Washington | 2015-current |

Honors, Awards, Scholarships

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|---|-----------|
| Phi Beta Kappa | 1982 |
| Delta Omega Public Health Honor Society | 1994 |
| National Institutes of Health STD Training Grant: Pre-doctoral Fellow | 1997-2002 |
| Outstanding Reviewer, Clinical Infectious Diseases | 2008 |
| Nominee: The Marsha L. Landolt Distinguished Graduate Mentor Award | 2008-2009 |
| Outstanding Faculty Mentor, UW School of Public Health | 2014 |

Professional Activities (outside of UW)

Membership in Professional Organizations

| | |
|--------------|--|
| 2002-current | Society for Epidemiologic Research |
| 2002-current | American Sexually Transmitted Diseases Association |

2013 Society for Prevention Research
2013-current Faculty of 1000
2015-current International Union against Sexually Transmitted Infections

Advisory Boards

2007-current Samarth NGO—Research for Change, Chennai India
2013 Qiagen, Inc. Scientific Advisory Board for KOL Meeting
2013 Centers for Disease Control and Prevention, STD Treatment Guidelines Update; Member, Expert Committee on Urethritis; Chair, Expert Committee on *Mycoplasma genitalium*.
2015 Hologic, Inc. Scientific Advisory Committee

Editorial Boards

2011-2012 BioMed Central Infectious Diseases
2011-current Sexually Transmitted Diseases

Guidelines Review

2014 Canadian Guidelines on STI (*Mycoplasma genitalium* chapter)

Manuscript Review

2015

AIDS Care; American Journal of Epidemiology; BMC Infectious Diseases; Clinical Infectious Diseases; International Journal of Epidemiology; Journal of Antimicrobial Chemotherapy; Obstetrics and Gynecology; PLoS One; Sexually Transmitted Diseases; Sexually Transmitted Infections

2002-current (all)

AIDS; AIDS Care; AIDS and Behavior; American Journal of Epidemiology; American Journal of Public Health; Annals of Internal Medicine; Annals of Epidemiology; Antimicrobial Agents and Chemotherapy; BioMed Central (BMC) Infectious Diseases; Clinical Infectious Diseases; Epidemiology; European Journal of Obstetrics and Gynecology and Reproductive Biology; Expert Opinion on Pharmacotherapy; Expert Review of Anti-infective Therapy; Infectious Diseases in Obstetrics and Gynecology; International Journal of Epidemiology; International Journal of Infectious Diseases; International Journal of Circumpolar Health; Journal of Acquired Immune Deficiency Syndrome; Journal of Adolescent Health; Journal of Antimicrobial Chemotherapy; Journal of Clinical Microbiology; Journal of the European Academy of Dermatology and Venereology; Journal of Infectious Diseases; Obstetrics and Gynecology; Preventive Medicine; Public Library of Science (PLoS) Medicine, PLoS One; Sexually Transmitted Diseases; Sexually Transmitted Infections

Grant Review

2005 NIH/NIAID STI-TM Cooperative Research Centers Developmental Awards
2005-2010 Medical Research Council, United Kingdom
2006-2014 UW CFAR Emerging Opportunity, Infrastructure and Developmental Awards
2011 NIH Behavioral/Social Consequences of HIV (BSCH) Study Section - Ad Hoc Member
2012 NIH Infectious Diseases, Reproductive Health, Asthma and Pulmonary Conditions (IRAP) Study Section – Ad Hoc Member

- 2012-2014 UW ITHS Pilot Awards Review
- 2004-2014 UW Royalty Research Fund Awards Review
- 2012 VA Clinical Trials Review Panel – Ad Hoc Member
- 2012 NIH AIDS and AIDS-Related Research Integrated Review Panel (ZRG1 AARR-K 52 R)
- 2013 MRC Epidemiology and Population Fellowship Application Review
- 2013 NIH/NIAID Clinical Trial Units for NIAID Networks Review Panel (ZAI1-DR-A-S1)
- 2014 Chair: NIH AIDS and AIDS-Related Research Integrated Review Panel (ZRG1 AARR-K 53 R)
- 2014 Swiss National Science Foundation Review
- 2015 NIH Clinical Research and Field Studies (CRFS) Study Section – Ad Hoc Member

Data Safety and Monitoring Board Member

- 2005-2006 Impact of Episodic Acyclovir Therapy on Ulcer Duration and HIV Shedding from Genital Ulcers Among Men in South Africa, Centers for Disease Control and Prevention. PI: Gabriela Paz Bailey CDC
- 2007-2008 Mutations in Genes Coding for Surface Exposed *Mycoplasma genitalium* Proteins and Immunoselection over Time in Chronically Infected Humans. PI, David Martin, LSU.
- 2013 Electronic-Kiosk Intervention For Safer-Sex (e-Kiss) Study. PI, Taraneh Shafii, UW Department of Pediatrics

Dissertation Examination Committee Member

- 2015 University of Melbourne. Examiner for PhD thesis titled “Advances in Clinical Testing for Sexually Transmitted Infections.

Bibliography

Published Articles in Refereed Journals (77 total. Excludes invited papers & commentaries)

1. Ryan CA, Zidouh A, **Manhart L**, Selka R, Xia M, Moloney-Kitts M, Mahjour J, Krone M, Courtois B, Dallabetta G, Holmes, K. Reproductive tract infections in primary health care, family planning, and dermatovenereology clinics: evaluation of syndromic management in Morocco. *Sex Transm Inf* 1998, 74 (suppl 1):S95-S105.
2. Field ML, Price J, Niang C, N'tcha J, Zwane IT, Lurie M, Nxumalo M, Dialmy A, **Manhart L**, Gebre A, Saidel T, Dallabetta G. Targeted intervention research studies on sexually transmitted diseases (STD): methodology, selected findings and implications for STD service delivery and communications. *AIDS* 1998, 12 (suppl 2):S119-S126.
3. Saidel TJ, Vuylsteke B, Steen R, Niang NS, Behets F, Khattabi H, **Manhart L**, Brathwaite A, Hoffman I, Dallabetta G, and the STD PI6 & 7 Working Group. Indicators and the measurement of STD case management in developing countries. *AIDS* 1998, 12 (suppl 2):S57-S65.
4. **Manhart LE**, Dialmy A, Ryan CA, Mahjour J. Sexually transmitted diseases in Morocco: gender influences on prevention and health care seeking behavior. *Soc Sci Med* 2000;50:1369-1383.
5. **Manhart LE**, Aral SO, Holmes KK, Foxman B. Sex partner concurrency: Measurement, prevalence and correlates among urban 18-39 year olds. *Sex Transm Dis.* 2002 Mar;29(3):133-143.
6. Cohen CR, **Manhart LE**, Bukusi EA, Astete S, Brunham RC, Holmes KK, Sinei SK, Bwayo JJ, Totten PA. Association of *Mycoplasma genitalium* with Acute Endometritis. *Lancet.* 2002 Mar 2;359(9308):765-6.
7. **Manhart LE**, Koutsky LA. Do Condoms Prevent Genital HPV Infection, External Genital Warts or Cervical Neoplasia? A Meta-Analysis. *Sex Transm Dis.* 2002;29(11):725-735.
8. **Manhart LE**, Critchlow CW, Holmes KK, Dutro SM, Eschenbach DA, Stevens CE, Totten PA. Mucopurulent cervicitis and *Mycoplasma genitalium*. *J Infect Dis.* 2003;187:650-657.
9. **Manhart LE**, Aral SO, Holmes KK, Critchlow CW, Hughes JP, Whittington WLH, Foxman B. Influence of study population on the identification of risk factors for sexually transmitted diseases using a case-control design: The example of gonorrhea. *Am J Epidemiol* 2004;160:393-402.
10. **Manhart LE**, Holmes KK. Randomized controlled trials of individual, population, and multilevel interventions for preventing sexually transmitted infections: what has worked? *J Infect Dis* 2005;191(Suppl1):S7-24.
11. Golden MR, **Manhart LE**. Innovative Approaches to the Prevention and Control of Bacterial Sexually Transmitted Infections. *Inf Dis Clin N.A.* 2005;19:513-540.
12. Cohen CR, Mugo NR, Astete SG, Ondondo R, **Manhart LE**, Kiehlbauch JA, Stamm WE, Waiyaki PG, Totten PA. Detection of *Mycoplasma genitalium* in women with laparoscopically diagnosed acute salpingitis. *Sex Transm Inf* 2005;81:463-466.
13. **Manhart LE**, Holmes KK, Koutsky LA, Wood TR, Kenney DL, Feng Q, Kiviat NB. Human papillomavirus infection among sexually active young women in the United States: Implications for developing a vaccination strategy. *Sex Trans Dis* 2006;33(8):502-508.

14. Wroblewski JKH, **Manhart LE**, Dickey KA, Hudspeth M, Totten PA. Comparison of Transcription-Mediated Amplification and PCR Assay Results for Various Genital Specimen Types for Detection of *Mycoplasma genitalium*. *J Clin Micro* 2006;44(9):3306-3312.
15. **Manhart LE**, Holmes KK, Hughes JP, Houston LS, Totten PA. *Mycoplasma genitalium* in young adults in the United States: an emerging STI more common than gonorrhea. *AJPH* 2007;97(6):1118-25.
16. **Nelson SJ, **Manhart LE**, Gorbach PM, Martin DH, Stoner BP, Aral SO, Holmes KK. Measuring Sex Partner Concurrency: It's What's Missing That Counts. *Sex Trans Dis* 2007;34(10):801-807.
17. **Manhart LE**, Marrazzo JM, Fine D, Kerani RP, Golden MR. Selective screening criteria for gonorrhea among young women screened for chlamydial infection: contribution of race and geographic prevalence. *J Infect Dis* 2007; 196(5):731-7.
18. Wang C, Hawes SE, Gaye A, Sow PS, N'Doye I, **Manhart LE**, Wald A, Critchlow CW, Kiviat NB. HIV Prevalence, Previous HIV Testing, and Condom Use with Clients and Regular Partners among Senegalese Commercial Sex Workers. *Sex Trans Inf* 2007;83:534-540.
19. Dempsey AF, Gebremariam A, Koutsky LA, **Manhart L**. Using risk factors to predict human papillomavirus infection: Implications for targeted vaccination strategies in young adult women. *Vaccine*. 2008 Feb 20;26(8):1111-7.
20. Mair C, Hawes SE, Agne HD, Sow PS, N'Doye I, **Manhart LE**, Fu PL, Gottlieb GS, Kiviat NB. Factors Associated with CD4 Lymphocyte Counts in HIV-Negative Senegalese Individuals. *Clin Exp Immunol*. 2008 Mar;151(3):432-40.
21. **Manhart LE**, Mostad SB, Baeten JM, Astete SG, Mandaliya K, Totten PA. High *Mycoplasma genitalium* organism burden is associated with shedding of HIV-1 DNA from the cervix. *J Infect Dis*. 2008;197(5):733-6. (NIHMSID 596841)
22. **Kohler PK, **Manhart LE**, Lafferty WE. Abstinence-only and Comprehensive Sexual Education and the Initiation of Sexual Activity and Teen Pregnancy. *J Adol Health* 2008 Apr;42(4):344-51.
23. **Buffardi AL, Thomas KK, Holmes KK, **Manhart LE**. Moving upstream: ecosocial and psychosocial correlates of sexually transmitted infections among young adults in the United States. *Am J Public Health*. 2008;98(6):1128-36.
24. Dempsey AF, Gebremariam A, Koutsky LA, **Manhart LE**. Behavior in early adolescence and risk of HPV infection as a young adult: results from a population-based study. *Pediatrics*. 2008 Jul;122(1):1-7.
25. Paul K, Boutain D, **Manhart L**, Hitti J. Racial disparity in bacterial vaginosis: the role of socioeconomic status, psychosocial stress, and neighborhood characteristics, and implications for preterm birth. *Soc Sci Med* 2008 Sep;67(5):824-33. Epub 2008 Jun 21.
26. **Sangaré L, **Manhart L**, Zehrung D, Wang CC. Intradermal hepatitis B vaccination: systematic review, meta-analysis, and lessons learned for future trials of intradermal vaccination. *Vaccine*. 2009;27(12):1777-86. Epub 2009 Feb 4.
27. Gorbach PM, **Manhart LE**, Hess KL, Stoner BP, Martin DH, Holmes KK. Anal Intercourse among Young Heterosexuals in Three US STD Clinics. *Sex Transm Dis*. 2009;36(4):193-8
28. Paul KJ, Garcia P, **Manhart LE**, Holmes KK, Hitti J. Partner- and partnership-related risk factors for preterm birth among low-income women in Lima, Peru. *Soc Sci Med*. 2009 Apr;68(8):1535-40. Epub 2009 Mar 11

29. **Wetmore CM, **Manhart LE**, Golden MR. Idiopathic urethritis in young men in the United States: prevalence and comparison to infections with known sexually transmitted pathogens. *J Adolesc Health*. 2009 Nov;45(5):463-72. (PMCID: PMC2764555)
30. Yu L, Koepsell T, **Manhart L**, Ioannu G. Survival after orthotopic liver transplantation: The impact of antibody against hepatitis B core antigen in the donor. *Liver Transpl*. 2009 Oct;15(10):1343-50.
31. Jameson D, Celum C, **Manhart L**, Menza T, Golden M. The Association between Lack of Circumcision and HIV, HSV-2 and other Sexually Transmitted Infections among Men who Have Sex with Men. *Sex Trans Dis*. 2010 37(3):147-52.
32. McCarty RL, Weber WJ, Loots B, Breuner CC, Vander Stoep A, **Manhart L**, Pihoker C. Complementary and Alternative Medicine Use and Quality of Life in Pediatric Diabetes. *Journal of Alternative and Complimentary Medicine* 2010;16(2):165-173.
33. **Wetmore CM, **Manhart LE**, Wasserheit JN. A systematic review of randomized controlled trials of interventions to prevent sexually transmitted infections: The agony, the ecstasy, and the future. *Epidemiologic Reviews* 2010 Apr;32(1):121-36. (PMCID: PMC2912604)
34. **Hancock EB, **Manhart LE**, Nelson SJ, Kerani RP, Wroblewski JKH, Totten PA. Comprehensive assessment of sociodemographic and behavioral risk factors for *Mycoplasma genitalium* infection in women. *Sex Transm Dis*. 2010;37(12):777-783. (NIHMSID583854)
35. Simoni JM, Safren SA, **Manhart LE**, Lyda K, Grossman CI, Rao D, Mimiaga MJ, Wong FY, Catz SL, Blank MB, DiClemente RJ, Wilson IB. Challenges in addressing depression in HIV research: assessment, cultural context, and methods. *AIDS and Behav*. 2011;15(2):376-88. (PMCID: PMC3335263)
36. **Wetmore CM, **Manhart LE**, Lowens MS, Golden MR, Whittington WLH, Xet-Mull A, Astete SG, McFarland NL, McDougal SJ, Totten PA. Demographic, behavioral and clinical characteristics of men with nongonococcal urethritis differ by etiology: a case-comparison study. *Sex Transm Dis*. 2011;38(3):180-6. (PMCID: PMC4024216)
37. **Manhart LE**, Burgess-Hull AJ, Fleming CB, Bailey JA, Haggerty KP, Catalano RF. HPV vaccination among a community sample of young adult women. *Vaccine*. 2011;29(32):5238-44. Epub 2011 Jun 2. (PMCID: PMC3138805)
38. Iverson-Cabral SL, **Manhart LE**, Totten PA. Detection of *Mycoplasma genitalium*-reactive cervicovaginal antibodies among infected women. *Clin Vaccine Immunol*. 2011 Oct;18(10):1783-6. Epub 2011 Aug 3. (PMCID: PMC3187045)
39. **Manhart LE**, Broad JM, Golden MR. *Mycoplasma genitalium*: should we treat and how? *Clin Inf Dis*. 2011;53:S129-S142. (PMCID: PMC3213402)
40. **Wetmore CM, **Manhart LE**, Lowens MS, Golden MR, McFarland NL, Astete SG, Whittington WLH, Totten PA. *Ureaplasma urealyticum* is associated with nongonococcal urethritis among men with fewer lifetime sexual partners: a case-control study. *J Infect Dis*. 2011 Oct;204(8):1274-82. (PMCID: PMC3173507)
41. **Mitchell C, **Manhart LE**, Thomas KK, Agnew K, Marrasso JM. Effect of sexual activity on vaginal colonization with hydrogen-peroxide producing Lactobacilli and *Gardnerella vaginalis*. *Sex Transm Dis* 2011 Dec;38(12):1137-44. (PMCID: PMC3217189)
42. Hess KL, Gorbach PM, **Manhart LE**, Stoner BP, Martin DH, Holmes KK. Risk behaviors by type of concurrency among young people in three US STD clinics. *Sex Health*. 2012 Jul;9(3):280-7.

43. Nelson Glick SJ, Morris M, Foxman B, Aral SO, **Manhart LE**, Holmes KK, Golden MR. A comparison of sexual behavior patterns among men who have sex with men and heterosexual men and women *J Acquir Immune Defic Syndr*. 2012;60(1):83-90.
44. Jeyaseelan L, Kumar S, Mohanraj R, Rebekah G, Rao D, **Manhart LE**. Assessing HIV/AIDS Stigma in South India: Validation and Abridgement of the Berger HIV Stigma Scale. *AIDS Behav*. 2013;17(1):434-443. 2012 Jan 14. [Epub ahead of print] (PMCID: PMC3404245)
45. Bailey JA, Fleming CB, Catalano RF, Haggerty KP, **Manhart LE**. Romantic relationship characteristics and alcohol use: Longitudinal associations with dual method contraception use. *J Adol Health* 2012;50:450-455
46. Mitchell C, **Manhart LE**, Thomas K, Fiedler T, Fredricks D. Behavioral predictors of colonization with *Lactobacillus crispatus* or *Lactobacillus jensenii* after treatment for bacterial vaginosis: a cohort study. *Infect Dis Obstet Gynecol*, 2012:706540. Epub 2012 May 30.
47. Cazanave C, **Manhart LE**, Bébéar C. *Mycoplasma genitalium*, agent émergent d'infections sexuellement transmissibles. *Med Mal Infect*. 2012 Sep 10. pii: S0399-077X(12)00114-X. doi: 10.1016/j.medmal.2012.05.006. [Epub ahead of print].
48. **Banandur P, Ramnaik S, **Manhart LE**, Buzdugan R, Mahapatra B, Isac S, Halli SS, Washington RG, Moses S, Blanchard JF. Understanding out-migration among female sex workers in South India. *Sex Transm Dis* 2012;39:776-783.
49. Kavanaugh BE, Odem-Davis K, Jaoko W, Estambale B, Kiarie JN, Masese LN, Deya R, **Manhart LE**, Graham SM, McClelland RS. Prevalence and Correlates of Genital Warts in Kenyan Female Sex Workers. *Sex Transm Dis*. 2012 Nov;39(11):902-5.
50. Metzger MJ, Halperin AC, **Manhart LE**, Hawes SE. Association of Maternal Smoking during Pregnancy with Infant Hospitalization and Mortality Due to Infectious Diseases in the First Year of Life. *Pediatr Infect Dis J*. 2013 Jan;32(1):e1-7.
51. **Manhart LE**, Gillespie CW, Lowens MS, Khosropour CM, Colombara DV, Golden MR, Hakhu NR, Thomas KK, Hughes JP, Jensen NL, Totten PA. Standard treatment regimens for nongonococcal urethritis have similar but declining cure rates: a randomized controlled trial. *Clin Infect Dis*. 2013; 56(7):934-42. (PMCID: PMC3588116)
52. **Gillespie CW, **Manhart LE**, Lowens SL, Golden MR. Asymptomatic urethritis is common and is associated with characteristics that suggest sexually transmitted etiology. *Sex Transm Dis*. 2013;40(3):271-274.
53. **Broad JM, **Manhart LE**, Kerani RP, Scholes D, Hughes JP, Golden MR. Chlamydia screening coverage estimates derived using HEDIS procedures and indirect estimation vary substantially. *Sex Transm Dis*. 2013;40(4):292-297.
54. Wilson SE, Morris SS, Gilbert SS, Mosites E, Hackleman R, Weum KLM, Pintye J, **Manhart LE**, Hawes SE. Scaling up access to Oral Rehydration Solution for diarrhea: Learning from historical experience in low- and high-performing countries. *J Global Health*. June 2013; 3(1):010404
55. **Cassels S, **Manhart L**, Jenness SM, Morris M. Short term mobility and increased partnership concurrency among men in Zimbabwe. *PLoS One*. June 2013;6(8):e66342.
56. Epstein M, Bailey JA, **Manhart LE**, Hill KG, Hawkins JD, Haggerty KP, Catalano RF. Understanding the link between early sexual initiation and later sexually transmitted infection: Test and replication in two longitudinal studies. *J Adolesc Health*. 2014 Apr;54(4):435-441. (PMCID 3965628)

57. **Khosropour CM, **Manhart LE**, Colombara DV, Gillespie CW, Lowens MS, Golden MR, Totten PA, Simoni J. Sub-optimal adherence to doxycycline is associated with microbiologic but not clinical failure among men with non-gonococcal urethritis. *Sex Transm Infect.* 2014 Feb;90(1):3-7. (PMCID 4057099)
58. **Manhart LE**, Khosropour CM, Liu C, Gillespie CW, Depner K, Fiedler T, Marrazzo JM, Fredricks DN. Bacterial vaginosis associated bacteria in men: association of *Leptotrichia/Sneathia* with non-chlamydial non-gonococcal urethritis. *Sex Transm Dis.* 2013 Dec;40(12):944-9. (PMCID: PMC4188452)
59. Epstein M, Bailey JA, **Manhart LE**, Hill KG, Hawkins JD. Preventing sexual risk behavior in young adulthood: Broadening the scope beyond early sexual initiation. *J Sex Res.* 2014;51(7):721-30. (PMCID 4082430)
60. Khosropour CM, Dombrowski JC, Barbee LA, **Manhart LE**, Golden MR. Comparing azithromycin and doxycycline for the treatment of rectal chlamydial infection: a retrospective cohort study. *Sex Transm Dis* 2014 Feb;41(2):79-85. (PMCID 4364392)
61. **Matheson AI, **Manhart LE**, Pavlinac PB, Means AR, Akullian A, Levine GA, Jacobson J, Shutes E, Walson JL. Prioritizing Countries for Mass Drug Administration of Azithromycin to Reduce Child Mortality: Tools for Maximizing Impact. *PLoS One* 2014 May 16;9(5):e96658. (PMCID 4023929)
62. Mosites EM, Matheson AI, Kern E, **Manhart LE**, Morris SS, Hawes SE. Care-seeking and appropriate treatment for childhood acute respiratory illness: an analysis of Demographic and Health Survey and Multiple Indicators Cluster Survey datasets for high-mortality countries. *BMC Pub Health* 2014 14:446. <http://www.biomedcentral.com/1471-2458/14/446>. (PMCID 4024183)
63. **Kleinman NJ, **Manhart LE**, Mohanraj R, Kumar S, Jeyaseelan L, Simoni JM, Rao, D. Depression Mediates the Association Between HIV-related Stigma and ART Adherence in South India. *AIDS Care:* 2015;27(2):248-54. (PMID 25119585)
64. **Mohanraj R, Jeyaseelan V, Kumar S, Mani T, Rao D, Murray KR, **Manhart LE**. Cultural adaptation of the Brief COPE for persons Living with HIV (PLHA) in Southern India. *AIDS and Behavior.* 2015;19 (2):341-351 (PMCID 4320041).
65. Khosropour CM, Broad JM, Scholes D, Saint-Johnson J, **Manhart LE**, Golden MR. Estimating Chlamydia Screening Coverage: a Comparison of Self-report and Healthcare Effectiveness Data and Information Set (HEDIS) Measures. *Sex Trans Dis* 2014;41(11):655-70. (PMCID: 4426825)
66. Pintye J, Baeten JM, **Manhart LE**, Celum C, Ronald A, Mugo N, Mujugira A, Cohen C, Were E, Bukusi E, Kiarie J, Heffron R, for the Partners PrEP Study Team. Decreased incidence of syphilis in both men and women associated with male circumcision: a prospective study among HIV-1 serodiscordant heterosexual African couples. *The Lancet Global Health* 2014;2(11);e664-e671. (PMCID 4271270)
67. Kumar S, Mohanraj R, Rao D, Murray KR, **Manhart LE**. Coping positively with HIV and HIV-related stigma in South India. *AIDS Patient Care STDS.* 2015 Mar;29(3):157-63. (PMCID 4352696)
68. **Khosropour CM, **Manhart LE**, Gillespie CW, Lowens MS, Golden MR, Jensen NL, Kenny G, Totten PA. Efficacy of standard therapies against *Ureaplasma* species and persistence among men with non-gonococcal urethritis enrolled in a randomized controlled trial. *Sex Transm Inf* 2015;91:308-313. (PMID: 25616607; PMCID pending)

69. **Lis R, Rowhani-Rahbar A, **Manhart LE**. *Mycoplasma genitalium* Infection and Female Reproductive Tract Disease: A Meta-Analysis. *Clin Infect Dis*. 2015;61(3):418-26. Epub ahead of print April 21, 2015. (PMID 25900174; PMCID pending)
70. Pavlinac PB, Denno DM, John-Stewart GC, Onchiri FM, Naulikha JM, Odundo EA, Hulseberg CE, Singa BO, **Manhart LE**, Walson JL. Failure of syndrome-based diarrhea management guidelines to detect *Shigella* infections in Kenyan children. *Journal of the Pediatric Infectious Disease Society (JPIDS)*. Epub ahead of print July 12, 2015. (PMID 26407270; PMCID pending)
71. **Colombara DV, Hughes JP, Burnett-Hartman AN, Hawes SE, Denise A Galloway DA, Schwartz SM, PhD; Bostick RM, Potter JD, **Manhart LE**. Analysis of Liquid Bead Microarray Antibody Assay Data for Epidemiologic Studies of Pathogen-Cancer Associations. *J Immunol Methods* Epub ahead of print Jul 11, 2015. (PMID 26071614; PMCID pending)
72. Barbee LA, Dombrowski JC, **Manhart LE**, Golden MR. The Role of Oral Sex in Symptomatic Urethritis Among Men Who Have Sex with Men. *Sex Transm Inf*. 2015 Epub ahead of print Aug 21, 2015. (PMID 26297719; PMCID pending)
73. Bachmann L, **Manhart LE**, Martin DH, Sena AC, Dimitrakoff J, Jensen JS, Gaydos CA. Advances in the Understanding and Treatment of Male Urethritis. *Clin Infect Dis*. 2015 Dec 15;61 Suppl 8:S763-9. (PMID 26602615; PMCID pending)
74. **Manhart LE**, Jensen JS, Bradshaw CS, Golden MR, Martin DH. Efficacy of antimicrobial therapy for *Mycoplasma genitalium* infections. *Clin Infect Dis*. 2015 Dec 15;61 Suppl 8:S802-17. (PMID 26602619; PMCID pending)
75. **Colombara DV, **Manhart LE**, Carter JJ, Hawes SE, Weiss NS, Hughes JP, Barnett MJ, Goodman GE, Qiao YL, Smith JS, Galloway DA. Prior Human Polyomavirus and Papillomavirus Infection and Incident Lung Cancer: A Nested Case-Control Study. *Cancer Causes Control*. 2015 Dec;26(12):1835-44. (PMID 26415892; PMCID pending)
76. **Manhart LE**, Epstein M, Bailey JA, Hill KG, Haggerty KP, Catalano RF. HIV/STI Prevention Messaging: Targeting Root Causes of Sexual Risk Behavior. In Press *Sex Transm Dis*.
77. Rao D, Kumar S, Mohanraj R, Frey S, **Manhart LE**, Kaysen D. The Impact of Domestic Violence and Depressive Symptoms on Preterm Birth in South India. In Press *Soc Psych & Psych Epi*.

Manuscripts submitted for publication (3 total)

1. **Nicodimos SN, **Manhart LE**, Kumar S, Mohanraj R, Vander Stoep A, Simoni JM. Single-Item Self Rating Scale Underestimates Adherence to Antiretroviral Therapy in Southern India. Submitted 06/14 to *AIDS and Behavior*.
2. Khosropour CM, Dombrowski JC, Swanson F, Kerani RP, Katz DA, Barbee LA, Hughes JP, **Manhart LE**, Golden MR. Trends in serosorting and the association with HIV/STI risk over time among men who have sex with men (MSM). Submitted 08/15 to *J Acquir Immune Defic Syndr*.
3. Khosropour CM, Dombrowski JC, Hughes JP, **Manhart LE**, Golden MR. Evaluation of a computer-based recruitment system to enroll men who have sex with men (MSM) into an observational HIV behavioral risk study. Submitted 08/15 to *Am J Epidemiol*.

** Indicates student as first author.

Invited reviews and editorials (9 total)

1. **Manhart LE**, Golden MR, Marrasso JM. Expanding the Spectrum of Pathogens in Urethritis: Implications for Presumptive Therapy? *Clin Infect Dis* 2007;45:872-874.
2. Aral SO, **Manhart LE**. "Someone naughty for tonight": Sex partner recruitment venues and associated STI risk. *Sex Transm Inf* 2009 Aug;85(4):239-40.
3. **Manhart LE**. Has the time come to systematically test for *Mycoplasma genitalium*? *Sex Transm Dis*. 2009 Aug;85(4):239-40.
4. **Manhart LE**, Kay N. *Mycoplasma genitalium*: Is it a sexually transmitted infection? *Curr Inf Dis Rep*. 2010;12(4):306-13.
5. **Manhart LE**. Another STI associated with HIV-1 acquisition. What now? *AIDS* 2012, 26:635–637.
6. **Manhart LE**, McClelland RS. *Mycoplasma genitalium* infection in sub-Saharan Africa. How big is the problem? *Sex Trans Dis*. 2013 May;40(5):428-30.
7. **Manhart LE**. *Mycoplasma genitalium*: An Emergent STD? *Infect Dis Clin North Am*. 2013 Dec;27(4):779-92.
8. **Manhart LE**. Diagnostic and resistance testing for *Mycoplasma genitalium*: what will it take? *Clin Infect Dis*. 2014 Apr 11 [Epub ahead of print].
9. **Manhart LE**, Khosropour CM. Launching a New Era for Behavioural Surveillance. *Sex Transm Infect*. 2015 May;91(3):152-3.

Book Chapters (5 total)

1. Totten PA, **Manhart LE**, Centurion-Lara A. PCR detection of *Haemophilis ducreyi*, *Treponema pallidum*, and *Mycoplasma genitalium*. In: DH Persing, FC Tenover, J Versalovic, Y. Tang, ER Unger, DA Relman, TJ White, Eds., *Molecular Microbiology: Diagnostic Principles and Practice*. ASM Press, 2003. Washington, D.C.
2. Aral SO, Hughes J, Gorbach P, Stoner B, **Manhart L**, Garnett G, Foxman B, Golden M, Holmes KK. The Seattle sexual mixing, sexual networks, and sexual partnership types studies. In: Morris M. *Network Epidemiology: A handbook for survey design and data collection*. Oxford University Press, 2004. New York
3. Aral SO, Over M, with **Manhart L** and Holmes KK. Sexually Transmitted Infections. In: Jamison DT, Breman JG, Measham AR, Alleyne G, Claeson M, Evans DB, Jha P, Mills A, Musgrove P., Eds., *Disease Control Priorities in Developing Countries (2nd edition)*. Oxford University Press, 2006, World Bank.
4. Aral SO, **Manhart LE**, Holmes KK. Approaches to STD/HIV prevention at the individual, group, and population levels. In: Holmes KK, Sparling PF, Mardh P-A, et al., eds. *Sexually Transmitted Diseases*. 4th ed. New York: McGraw Hill; 2008.
5. Totten PA, **Manhart LE**, Centurion-Lara A. PCR detection of *Haemophilis ducreyi*, *Treponema pallidum*, and *Mycoplasma genitalium*. In: DH Persing, FC Tenover, J Versalovic, Y. Tang, ER Unger, DA Relman, TJ White, Eds., *Molecular Microbiology: Diagnostic Principles and Practice*. ASM Press. 2004 Washington, D.C.

Proceedings, Editorials and Other Published Scholarly Publications (2 total)

1. **Manhart L**, Ouoba N, Yaro Y. Les Tendances et Déterminants de la Santé Reproductive chez des Adolescents du Sahel - le cas du Burkina Faso. *CERPOD working paper*, 1994. CERPOD, Bamako, MALI
2. Add Health Biomarker Team. Biomarkers in Wave III of the Add Health Study. 2003 **Manhart, LE**, editor. <http://www.cpc.unc.edu/projects/addhealth/files/biomark.pdf>

Research History

Current Funded Research

NIH/NIAID 1R01AI110666-01. "Male urethritis: Novel etiologies and natural history". Principal Investigator (Co-PI David Fredricks). Percentage time and effort, 25%. Annual direct costs: \$497,620. Project period: 03-03-14 thru 02-28-19. This prospective study will evaluate the relationship between incident non-gonococcal urethritis in heterosexual men and (a) acquisition of newly described bacteria and (b) changes in the male urethral biota.

NIH/NIAID 1U19AI113173-01. University of Washington Sexually Transmitted Infections Cooperative Research Center: The Genital Microbiome as a Determinant of Sexual Health & Local Immunity. Project Director (Project 3). Percentage time and effort, 20%. Principal Investigator: Jeanne Mrazek and Anna Wald (Co-PIs). *Project 3 – Urethral microbiome and non-gonococcal urethritis in men who have sex with men (MSM)*. Annual direct costs: \$200,000. Project period: 07-01-14 thru 06-31-19. This series of studies will evaluate the relationship between the male urethral microbiota in MSM its relationship with resolution and recurrence of urethritis as well as the impact of sexual behaviors over time.

NIH/NIDA 2 R01 DA023089-06. Cannabis legalization: Youth substance use, conduct problems, & HIV risk behavior. Co-Investigator. Percentage time and effort, 5%. Principal Investigator: Jennifer A. Bailey. Annual direct costs: \$493,742. Project period: 4/01/14 - 3/31/19. This project will provide information vital to informing cannabis policy and effective prevention by testing links between the legalization of adult cannabis use and youth cannabis and other drug use, conduct problems, and HIV SRB, as well as the individual, family, and peer factors that contribute to these risk behaviors.

NIH/NICHD 1R01 HD079695-01. Azithromycin to prevent post-discharge mortality and morbidity in Kenyan children. Co-Investigator. Percentage time and effort, 2.5%. Principal Investigator: Judd Walson. Annual direct costs: \$496,534. Project period: 09/01/14 – 08/31/19. This randomized controlled trial will assess the effect of providing azithromycin to Kenyan children upon hospital discharge following severe illness on morbidity and mortality.

NIH/NIDA R01DA015183. The Community Youth Development Study: A Test of Communities that Care. Consultant. Co-Principal Investigators: J. David Hawkins and Sabrina Oesterle. Annual direct costs \$2,218,276. Project period: 07-01-14 thru 06-30-19. This project will assess the long-term effects of the Communities That Care (CTC) prevention system, a strategy for mobilizing communities to use prevention science to plan and implement strategic community prevention services.

Pending Funding

NIH/NICHD R01HD083283-01. Task Sharing to Improve Mental Health/Birth Outcomes for Gender-Based Violence Survivors in India. Co-Investigator. Principal Investigator: Deepa Rao. Annual Direct costs \$499,961. Project period: 07-01-16 thru 06-30-21. This project will adapt and test Cognitive Processing Therapy (CPT) during pregnancy among survivors of domestic abuse in India to determine if CPT can reduce depression and trauma, as well as the downstream effects of maternal death, and pre-term birth.

Previously Funded Research (in reverse chronological order)

NIH/NIDA DA 024411. Gene-Environment Interplay in the Development of Drug Abuse, HIV Sexual Risk Behavior and Comorbid Problems. Co-investigator. Percentage time and effort, Consultant. Principal Investigator: Karl Hill. Annual Direct Costs \$871,369. Project period 09-01-11 thru 07-31-16. This project will assess the respective contributions of genetic and environment in tobacco and alcohol use disorders, HIV sexual risk behavior, illicit drug use and crime.

Bill & Melinda Gates Foundation 19787-31. Global Health Strategic Analysis and Research Training Program (START). Co-Director. Percentage time and effort, 35%. Principal Investigator: Judd Walson. Project period: 05/15/11- 06/30/15. Annual direct costs: \$750,000. The Department of Global Health at the University of Washington provides research and analytical support to the Bill & Melinda Gates Foundation. Faculty provide mentorship and training to UW PhD and MPH students in developing research reports and tools in response to requests from Foundation program teams.

Bill & Melinda Gates Foundation OPP1091551. "START Center". Co-Director. Principal Investigator: Judd Walson. Annual direct costs \$400,000. Project period: 11-01-13 thru 07-31-15. Support to create a Center to expand the START Program to work with global health clients other than the Foundation, to establish a domestic public health program, and to foster multidisciplinary approaches to providing rapid response to research and analysis requests across the University.

ASTDA Development Award. Incidence and natural history of *Mycoplasma genitalium* infection among Kenyan and US women. Co-Investigator. Percentage time and effort, 2.5%. Principal Investigator: Jennifer Balkus. Annual direct costs: \$54,229. Project period: 06-01-13 thru 05-31-15. This project will (1) estimate the incidence and describe the natural history of *M. genitalium* among Kenyan and US women; (2) describe the prevalence of macrolide-resistance mediating mutations among women infected with *M. genitalium*; and (3) evaluate correlates of incident *M. genitalium* infection and adverse reproductive health outcomes.

ITHS Small Pilot Program. Assessment of Human Polyomaviruses as Potential Risk Factors for Lung Carcinogenesis: A Nested Case-Control Study. Principal Investigator. Percentage time and effort, 2.5%. Annual direct costs: \$10,000. Project period: 06-01-13 thru 05-31-14. This case control study assessed the relationship between antibodies to three newly described polyomaviruses (WIV, KUV, and MCPyV) and lung cancer.

NIH/NIAID R21 AI1091970. The role of novel bacteria in male urethritis. Principal Investigator (David Fredricks, Co-PI). Percentage time and effort, 20%. Annual direct costs: \$150,000. Project period: 07-01-11 thru 06-30-13. This retrospective case-control study investigated the association between male non-gonococcal urethritis and novel bacteria first identified in women.

NIH/NINR R21 NR011279. Integrating Depression Screening into HIV-care in Southern India. Principal Investigator. Percentage time and effort, 20%. Annual Direct Costs \$155,960. Project period 09/30/09 thru 07-31-12 (no-cost extension thru 07-31-13). This project validated the CES-D and scales for coping and social support in the Indian context, estimated the prevalence of depression in HIV-care settings, compared 3 depression screening tools to a gold standard psychiatric diagnosis, and determined barriers to implementing depression screening in HIV-care centers in Southern India.

NIH/NIAID R01 AI072728. Ureaplasmas in acute and persistent urethritis: clinical implications. Percentage time and effort, 25%. Principal Investigator. Annual direct costs: \$250,000. Project period: 04/01/07 – 02/28/12. This project determined the association of the differentiated *Ureaplasma* biovars (*U. urealyticum* and *U. parvum*) with acute and chronic urethritis, and their response to two antibiotic treatment regimens.

NIH/NIAID R01 AI072728-S1. ARRA Supplement to Ureaplasmas in acute and persistent urethritis: clinical implications. Percentage time and effort 10%. Principal investigator. Annual direct costs: \$88,322. Project period: 05/10/10 – 02/28/12. This supplement added quantitative PCR testing of the two *Ureaplasma* species, allowing us to determine associations with organism burden and acute and chronic urethritis.

NIH/NIAID U19 AI31448. University of Washington Sexually Transmitted Infections and Topical Microbicides Cooperative Research Center. Project Director (Project 4). Percentage time and effort, 25%. Principal Investigator: King Holmes. *Project 4 - Mycoplasma genitalium Susceptibility & Treatment*. Annual direct costs: \$162,121. Project period: 08/01/04-08/31/11 (no-cost extension to 08/31/12). This project assessed the antimicrobial susceptibility of *Mycoplasma genitalium*, and determined the effectiveness of azithromycin and doxycycline in eradicating *M. genitalium* among men with non-gonococcal urethritis.

NIH/NIAID U19 AI31448-S1. ARRA Supplement to University of Washington Sexually Transmitted Infections and Topical Microbicides Cooperative Research Center. Project Director (Project 4) Percentage time and effort, 25%. Principal Investigator: King Holmes, M.D., Ph.D.) *Project 4 - Supplement to continue Antimicrobial susceptibility of Mycoplasma genitalium trial*. Annual direct costs: \$363,798. Project period: 09/01/2010–08/31/2012. This ARRA supplement supported ongoing enrollment in *Project 4 - Mycoplasma genitalium Susceptibility & Treatment* a randomized trial to determine the effectiveness of azithromycin and doxycycline in eradicating *M. genitalium* among men with non-gonococcal urethritis.

NIH/NIAID P30 AI27757. The Center for AIDS Research. Core Faculty for Socio-behavioral and Prevention Research Core. Percentage time and effort, 5%. Principal Investigator: King K. Holmes, M.D., Ph.D. Project period: 06/01/08-03/31/13. Annual direct costs: \$1,081,038. The CFAR funds a Developmental Core, an Administrative and 7 research cores, including a behavioral core, which provides technical assistance in behavioral research on HIV.

NIH/NIDA DA 08093-15-S. Raising Healthy Children (RHC). Co-investigator. Percentage time and effort, 10%. Principal Investigator: Richard F. Catalano. Annual Direct Costs Supplement \$100,000. Project period 09-01-08 thru 08-31-10 (no-cost extension to 08-31-11). This supplement added the collection of biologic specimens for sexually transmitted infections (STI) testing to further explore the long term effects of the RHC social development intervention on HIV risk.

NIH/NIAID R13 AI062201. Principles of STD and HIV Research. Principal Investigator. Percentage time and effort, 10% (cost-sharing). Annual direct costs: \$30,000. Project period: 07/01/09-06/30/11. This conference grant provided support for the annual summer Principles of STD and HIV Research course held at the University of Washington.

CFDA 93.977. Centers for Disease Control and Prevention. CDC STD Chlamydia Evaluation Initiative. Co-Investigator. Principal Investigator: Matthew R. Golden. Percentage time and effort, 20%. Annual direct costs: \$325,000. Project period: 07/01/09-12/31/10. This project

evaluated several different methods of estimating screening coverage for *Chlamydia trachomatis*.

Puget Sound Partners for Global Health. Effect of Stigma on HIV Care-Seeking Behaviors and Mental Health in Tamil Nadu, India. Principal Investigator. Percentage time and effort, 15%. Annual direct costs: \$75,000. Project period: 07/01/07-09/30/08. This project validated an HIV-associated stigma scale and determined the relationship between HIV-associated stigma and depression in Tamil Nadu, India.

UW CFAR New Investigator Award. HIV-1 shedding and *Mycoplasma genitalium*. Principal Investigator. Percentage time and effort, 20%. Annual direct costs: \$35,000. Project period: 12/01/03-02/28/07. This study examined the relationship between *M. genitalium* infection and shedding of the HIV-1 virus among three separate populations of Kenyan women.

NIH/NIAID 1R01 AI 48634-01. Clinical Epidemiology of *Mycoplasma genitalium*. Co-investigator. Principal Investigator: Patricia A. Totten. Percentage time and effort, 25%. Annual direct costs: \$225,000. Project period: 3/01/02-02/28/07. This study examined risk factors for *M. genitalium* infection in a population-based sample and a clinic population, and associations between detection of *M. genitalium* & acute salpingitis & preterm delivery.

HRSA 5 U69 HA 00047-02. International Training and Education Center for HIV/AIDS (I-TECH). Senior Technical Scientist. Principal Investigator: King K. Holmes. Percentage time and effort, 30%. Annual direct costs: \$750,000. Project period: 04/01/02-3/31/07. This cooperative agreement provided technical assistance to the CDC Global AIDS Program priority countries to develop training programs for care & support of HIV-infected individuals.

UW RRF 2533. University of Washington Royalty Research Fund: Epidemiology of *M. genitalium* in Young Adults. Co-investigator. Principal Investigator: Cathy Critchlow. Percentage time and effort, 20%. Annual direct costs: \$35,000. Project period: 9/01/01-8/31/03. This study assessed the prevalence of *M. genitalium* in a United States population-based sample of young adults.

NIH/NIAID U19 AI31448-S. Competitive supplement to University of Washington Sexually Transmitted Diseases Cooperative Research Center. Co-Investigator (Project 3). Percentage time and effort, 25%. Principal Investigator: King K. Holmes. *Epidemiology of Mycoplasma genitalium*. Annual direct costs: \$225,000. Project period: 12/01/00-06/30/04. This study examined the immunobiology of *M. genitalium* infection in HIV-positive and HIV-negative women, and behavioral, partnership, and sexual network characteristics associated with *M. genitalium* infection in young adults attending urban STD clinics.

NIH/NIAID U19 AI31448. University of Washington Sexually Transmitted Diseases Cooperative Research Center. Co-Investigator (Project 3). Percentage time and effort, 25%. Principal Investigator: King K. Holmes. *Project 3 - Partnerships, Mixing, & STD in Selected Populations: Focus on Adolescents & Young Adults*. Annual direct costs: \$164,985. Project period: 07/01/99-06/30/04. This study examined the behavioral, partnership, and sexual network characteristics of young adults with gonococcal and chlamydial infection compared to a general population sample of young adults, as well as network characteristics associated with HPV.

Conference and Symposium Presentations

Invited Presentations

1. **Manhart, LE.** Study Design for Epidemiologic Studies of STI and HIV. Invited presentation at University of Madras, Institute of Basic Medical Sciences, Chennai, India. August 18, 2006.
2. **Manhart LE.** Individual and population levels. In: Behavioral Symposium – Behavioral, Societal, and Epidemiologic Stages and STI Risk: Emerging Issues. Presented at the 17th meeting of the International Society for STD Research, Seattle, Washington, USA, July 29-August 1, 2007.
3. **Manhart LE.** HIV Prevention In India: Glimpses from the Field. Presented at the Montrose Memorial Hospital Fall Clinics Continuing Medical Education, Montrose, Colorado September 28, 2008.
4. **Manhart, LE.** Clinical Epidemiology of Bacterial STIs and Newer Technologies to Identify Pathogens. Invited presentation at I-TECH India, Government Hospital of Thoracic Medicine, Tambaram, Chennai, India. April 7, 2011
5. **Manhart LE.** Epidemiology of *Mycoplasma genitalium*. Invited symposium at the 20th European Congress of Clinical Microbiology and Infectious Diseases, May 7-10, 2011.
6. **Manhart LE.** Emerging STI's. Invited speaker for Qiagen's Key Opinion Leader (KOL) Meeting on Women's Health and STIs. Niagara-on-the-Lake, Ontario, Canada. September 15-18, 2013.
7. **Manhart LE.** Diagnostics for Emerging STI's. Invited speaker for Qiagen's Key Opinion Leader (KOL) Meeting on Women's Health and STIs. Niagara-on-the-Lake, Ontario, Canada. September 15-18, 2013.
8. **Manhart LE.** *Mycoplasma genitalium*. Invited symposium at the 2013 ID Week Conference, San Francisco, CA. October 2-6, 2013.
9. **Manhart LE.** Emerging Infections: *Mycoplasma genitalium*. Invited presentation at the 2013 Annual Meeting of the National Coalition of STD Directors. Albuquerque, NM. November 12 – 15, 2013.
10. **Manhart LE.** *Mycoplasma genitalium*: All You Ever Wanted to Know. Invited Breakfast Symposium at the 2014 STD Prevention Conference, Atlanta Georgia, June 9-12, 2014.
11. **Manhart LE.** *Mycoplasma genitalium*. Invited Symposium (4F) at the 2014 STD Prevention Conference, Atlanta, Georgia, June 9-12, 2014.
12. **Manhart LE.** Sexually Transmitted Infections: Everything You've Always Wanted to Know and More. Presented at the Montrose Memorial Hospital Fall Clinics Continuing Medical Education, Montrose, Colorado September 26, 2014.
13. **Manhart LE.** Epidemiology of *Mycoplasma genitalium* infections. Invited speaker for Hologic's Key Scientific Advisory Board Meeting on *M. genitalium*. San Diego, CA. February 10, 2015
14. **Manhart LE.** NGU in men. Invited presentation at the STI CTG II BV Technical Consultation. Washington, DC. April 8, 2015.
15. **Manhart LE.** Epidemiology of *Mycoplasma genitalium*. Invited presentation at the STI CTG II MB Technical Consultation. Washington, DC. April 5, 2016.
16. **Manhart LE.** Trichomonas vaginalis. Invited symposium to be presented at the 26th European Congress of Clinical Microbiology and Infectious Diseases, April 9-12, 2016. Amsterdam, The Netherlands.
17. **Manhart LE.** The Male Genital Microbiome. Invited Mini-Plenary to be presented at the 17th International Union Against Sexually Transmitted Infections World Congress, May 9-12, 2016. Marrakech, Morocco.

Oral Presentations

1. Aral S, Adimora A, **Manhart L**, Gorbach P, Koumans E, Kraut J. Temporal Ordering of Sex Partnerships: Concurrency and the "GAP" as factors fueling or limiting the spread of STIs. Presented at the *2000 National STD Prevention Conference*, Milwaukee, WI, December 4-7, 2000, abstract #D1.
2. **Manhart LE**, Holmes KK, Dutro SM, Stevens CE, Critchlow CW, Eschenbach DA, Totten PA. *Mycoplasma genitalium* is associated with mucopurulent cervicitis. Presented at the 2002 National STD Prevention Conference, San Diego, California, March 4-7, Abstract # C3C; and at the *International Congress of Sexually Transmitted Infections Joint Meeting of ISSTD/ IUSTI Europe/ IUSTI/ DSTDG*, Berlin, Germany, June 24-27, 2001. Abstract #235.
3. **Manhart LE**, Aral SO, Holmes KK, Critchlow CW, Hughes JH, Whittington WLH, Foxman B. Clinic vs. population-based studies of STD epidemiology: Similarities and differences. Presented at the *2004 National STD Prevention Conference* in Philadelphia, Pennsylvania, March 8-11, 2004. Abstract #A09A.
4. **Manhart LE**, Holmes KK, Koutsky LA, Feng Q, Kiviat NB. Prevalence and correlates of HPV infection among sexually active women in the United States. Presented at the *2004 Add Health Users Workshop* at the NIH Campus in Bethesda, Maryland. July 20-21, 2004. Plenary session.
5. **Manhart LE**, Totten PA, Houston LS, Holmes KK. Prevalence and correlates of *Mycoplasma genitalium* infection among young adults in the United States. Presented at the *2004 Add Health Users Workshop* at the NIH Campus in Bethesda, Maryland. July 20-21, 2004. Breakout session 4.
6. **Manhart LE**, Holmes KK. Randomized controlled trials of individual-, group-, and community-level interventions for preventing sexually transmitted infections: What has worked? Presented at the *2004 American Public Health Association 132nd Annual Meeting and Exposition* in Washington, D.C., November 6,10, 2004. Abstract #3262.0.
7. Wroblewski JK, **Manhart LE**, Dickey KA, Hudspeth M, Totten PA. Detection of *Mycoplasma genitalium* in vaginal, cervical, and urine specimens by TMA and PCR. Presented at the *16th Biennial meeting of the International Society for Sexually Transmitted Diseases Research (ISSTD)*, Amsterdam, The Netherlands, July 10-13, 2005. Abstract #M0-402.
8. **Manhart LE**, Fine D, Kerani RP, Marrazzo JM, Golden MR. Selective screening for female gonococcal infection: including local area rates of male gonococcal urethritis as a criterion. Presented at the *2006 National STD Prevention Conference*, Jacksonville, Florida. May 8-11, 2006. Abstract #11429
9. Gorbach PM, **Manhart LE**, Stoner BP, Martin DH. Anal Intercourse Among Young Heterosexuals in Three US STD Clinic Populations. Presented at the *XVI International AIDS Conference*, Toronto, Canada, August 13-18, 2006. Abstract #WEAD0203.
10. Dempsey AF, Gebramariam A, **Manhart LE**. Limitations to Predicting Female Adolescents' Longitudinal Risk for Human Papillomavirus (HPV) Infection. Presented at the Pediatric Academic Society, Toronto, Canada, May 5-8, 2007. Abstract #5720.2.
11. **Manhart LE**, Mostad SB, Baeten JM, Overbaugh J, Astete SG, Mandaliya K, Totten PA. High *Mycoplasma genitalium* organism burden is associated with shedding of HIV-1 infected cells from the cervix. Presented at the 17th meeting of the International Society for STD Research, Seattle, Washington, USA, July 29-August 1, 2007. Abstract #O-003.
12. **Wetmore CM, **Manhart LE**. Urethritis in young men in the US: Factors associated with idiopathic and pathogen-associated cases. Presented at the 17th meeting of the International Society for STD Research, Seattle, Washington, USA, July 29-August 1, 2007. Abstract #O-036.

13. **Kohler P, **Manhart LE**, Lafferty WE. Does comprehensive sex education increase the likelihood that U.S. teens will engage in sexual activity? Presented at the 17th meeting of the International Society for STD Research, Seattle, Washington, USA, July 29-August 1, 2007. Abstract #O-083.
14. Marrazzo JM, **Manhart LE**, Fine DN. Cervicitis in women attending STD clinics in Washington State, U.S. Presented at the 17th meeting of the International Society for STD Research, Seattle, Washington, USA, July 29-August 1, 2007. Abstract #O-052.
15. **Manhart LE**, Nelson SJ, Wroblewski JKH, Hancock EJ, Totten PA. *Mycoplasma genitalium* infection in women manifests as mild rather than acute cervicitis. Presented at the *2008 National STD Prevention Conference*, Chicago, Illinois. March 10-13, 2008. Abstract #15296.
16. **Wetmore CM, **Manhart LE**, Lowens MS, Golden MR, Whittington WLH, Xet-Mull A, Arnesen L, Astete SG, Dithmer-Schreck D, McDougal SJ, Totten PA. Characteristics associated with nongonococcal urethritis (NGU) among men with and without pathogens detected. Presented at the *2008 National STD Prevention Conference*, Chicago, Illinois. March 10-13, 2008. Abstract #14779.
17. **Cassels SL, **Manhart LE**, Morris M. Is Migration a Risk Factor for HIV Spread? HIV Acquisition and Concurrency in Ghana. Presented at the 2011 Annual Meeting of the Population Association of America, Washington D. C. March 31-April 2, 2011. Session #24.
18. **Colombara DV, **Manhart LE**, Wetmore CM, Lowens MS, Kay NA, Totten PA, Golden MR. Predictors of Clinical Treatment Failure among Men with Idiopathic NGU. Presented at the *19th Meeting of the International Society for STD Research*, Quebec City, Canada, July 10-13, 2011. Abstract #03-S4.06.
19. Levine G, **Manhart L**, Akullian A, Matheson A, Pavlinac P, Romu S, Rabinovich R, Shoultz D, Walson J. Global Health Strategic Analysis and Research Training Program (START): a unique education and research collaboration. Presented at the *2011 Consortium of Universities for Global Health Conference*, Montreal, Canada, November 13-15, 2011.
20. **Manhart LE**, Wetmore KW, Lowens MS, Colombara DV, Khosropour C, Golden MR, Hakhu NR, Thomas KK, Hughes JP, Jensen NL, Totten PA. Low cure rates for standard CDC recommended treatment for NGU: results from a double-blind randomized trial. Presented at the *2012 National STD Prevention Conference*, Minneapolis, Minnesota. March 12-15, 2012. Abstract LB.6.
21. **Broad JM, **Manhart LE**, Kerani, RP, Scholes D; Hughes JP; Golden MR. Variable Chlamydia Screening Coverage Estimates Derived through Healthcare Effectiveness Data and Information System (HEDIS) Procedures and Indirect Estimation. . Presented at the *2012 National STD Prevention Conference*, Minneapolis, Minnesota. March 12-15, 2012 Abstract D6.2
22. Rao D, **Manhart L**, Kumar S, Mohanraj R, Kaysen D. Trauma and Distress Among Pregnant Women in South India: Towards Intervention Development. Oral Presentation at the *28th Annual Meeting of the International Society for Traumatic Stress Studies*, November 1-3, 2012, Los Angeles, California.
23. Epstein M, Bailey JA, **Manhart LE**, Hill KG, Hawkins JD. Preventing sexual risk behavior in young adulthood: Broadening the scope beyond early sexual initiation. Presented at the *2013 Society for Research in Child Development (SRCD) Biennial Meeting*, April 18-20, 2013 in Seattle, Washington, USA.
24. **Manhart LE**, Epstein M, Bailey JA, Hill KG, Haggerty KP, Catalano RF. HIV prevention messaging: targeting root causes of sexual risk behavior. Organized Paper Symposium at the *21st Annual Meeting of the Society for Prevention Research*, May 28-31, 2013, San Francisco, California.
25. **Manhart LE**, Khosropour CM, Liu C, Gillespie CW, Depner K, Fiedler T, Marrazzo JM, Fredricks DN. Bacterial vaginosis associated bacteria in men: association of *Leptotrichia/Sneathia* with nongonococcal urethritis. Presented at the *20th Meeting of the International Society of Sexually Transmitted Disease Research (ISSTD)*, July 14-17, 2013, Vienna, Austria.

26. **Manhart LE**, Khosropour CM, Gillespie CW, Lowens MS, Golden MR, Totten PA. Treatment outcomes for persistent *Mycoplasma genitalium*-associated NGU: Evidence of moxifloxacin treatment failures. Presented at the 20th Meeting of the International Society of Sexually Transmitted Disease Research (ISSTD), July 14-17, 2013, Vienna, Austria.
27. Totten PA, Jensen N, Khosropour CM, Gillespie CW, Jensen JS, Kenny GE, Lowens MS, Golden MR, **Manhart LE**. Azithromycin and Doxycycline Resistance Profiles of Recent Clinical Isolates of *Mycoplasma genitalium*. Presented at the 20th Meeting of the International Society of Sexually Transmitted Disease Research (ISSTD), July 14-17, 2013, Vienna, Austria.
28. Rao D, Frey S, Kumar S, Mohanraj R, **Manhart L**, Kaysen D. Domestic Violence Among Pregnant Women in South India: PTSD Resilience and Symptomology. Presented at the 29th Annual Meeting of the International Society for Traumatic Stress Studies (ISTSS). November 7-9, 2013. Philadelphia PA.
29. Wilcox L, **Manhart LE**, Schwebke J, Taylor SN, White S, Mena L, Khosropour CM, Venkatasubramanian L, Schmidt N, Martin DH, Kissinger P. Chlamydia trachomatis (Ct) Treatment Failure After 1 gram Azithromycin Among Men- a Multi-Centered Study. Presented at the 2014 National STD Prevention Conference, June 9-12, 2014, Atlanta, Georgia.
30. Pintye J, Baeten J, **Manhart L**, Celum C, Ronald A, Mugo N, Mujugira A, Cohen C, Were E, Bukusi E, Kiarie J, Heffron R. Male circumcision and the incidence of syphilis acquisition among male and female partners of HIV-1 serodiscordant heterosexual African couples: a prospective study. Presented at the 20th International AIDS Conference, July 20-25, 2014, Melbourne Australia.
31. Balkus J, **Manhart L**, Anzala O, Kimani J, Schwebke J, Shafi J, Rivers C, Lee J, McClelland RS. Prevalence and Persistence of *Mycoplasma genitalium* Infection among Kenyan and US Women Participating in the Preventing Vaginal Infections Trial. Presented at the 2014 Annual Meeting of the Infectious Disease Society for Obstetrics and Gynecology, August 7-9, 2014, Stowe, VT.
32. Balkus JE, **Manhart LE**, Anzala O, Kimani J, Schwebke J, Shafi J, Rivers C, Lee J, McClelland RS. Incidence of *Mycoplasma genitalium* Infection among Kenyan and US Women Participating in the Preventing Vaginal Infections Trial. Presented at the 2014 Annual Meeting of the Infectious Disease Society for Obstetrics and Gynecology, August 7-9, 2014, Stowe, VT.
33. Pavlinac PB, Onchiri FM, John-Stewart GC, Naulikha JM, Denno DM, Odundo EA, Singa BO, **Manhart LE**, Walson JL. Accuracy of the Integrated Management of Childhood Illness (IMCI) algorithm in identifying culture-confirmed diarrheal pathogens requiring antibiotic therapy. Presented at the 63rd Annual Meeting of The American Society of Tropical Medicine and Hygiene, November 2-6, 2014, New Orleans, LA. Abstract No. 1880.

Poster Presentations.

1. Selka R, Naouri B, Zidouh A, **Manhart L**, Ryan C, Mahjour J, Dallabetta G, Holmes K. Comparison of Sexually Transmitted Diseases (STD), Symptoms and Clientele Among Three Types of Clinics Offering STD Care to Women in Morocco. Presented at the XI International Conference on AIDS, Vancouver, BC, July 8, 1996. Abstract #1633.
2. **Manhart L**, Zidouh A, Holmes K, Selka R, Moloney M, Dallabetta G, Mahjour J, Ryan C. Sexually Transmitted Disease (STD) in Three Types of Health Clinics in Morocco: Prevalence, Risk Factors, and Syndromic Management. Presented at the XI International Conference on AIDS, Vancouver, BC, July 8, 1996. Abstract #1627.
3. **Manhart L**, Dialmy A, Mahjour J, Dallabetta G, Ryan C, Holmes K. Perceptions of Sexually Transmitted Disease (STD) in an Arab-Muslim Context: A Targeted Intervention Research (TIR) Study in Morocco. Presented at the International Congress of Sexually Transmitted Diseases, Seville, Spain, October 19-22, 1997. Abstract #546.

4. **Manhart LE**, Foxman B, Aral SO, Holmes KK. Determinants of sex partner concurrency among urban 18-39 year olds. Presented at the *STIs at the Millennium Conference*, Baltimore, MD, May 3-7, 2000. Abstract #031.
5. **Manhart LE**, Gorbach PM, Aral SO, Totten PA, Holmes KK. Comparing epidemiologic correlates of *Mycoplasma genitalium*, *Chlamydia trachomatis*, and *Neisseria gonorrhoeae*. Presented at the *2003 International Society for Sexually Transmitted Disease Research (ISSTD)* in Ottawa, Canada, July 27-31, 2003. Abstract #0523.
6. Cohen CR, Mugo NR, Astete S, Ondondo R, **Manhart L**, Kiehlbauch J, Stamm W, Waiyaki P, Totten P. Detection of *Mycoplasma genitalium* in laparoscopically diagnosed acute salpingitis in Nairobi, Kenya. Presented at the *2003 International Society for Sexually Transmitted Disease Research (ISSTD)* in Ottawa, Canada, July 27-31, 2003. Abstract #0420.
7. **Manhart LE**, Holmes KK, Koutsky LA, Wood TR, Kenney DL, Feng Q, Kiviat NB. Human papillomavirus infection among sexually active women in the United States: Implications for developing a vaccine strategy. Presented at the *16th Biennial meeting of the International Society for Sexually Transmitted Diseases Research (ISSTD)*, Amsterdam, The Netherlands, July 10-13, 2005. Abstract #MP-122.
8. **Manhart LE**, Mostad SB, Astete SG, Totten PA. Is *Mycoplasma genitalium* associated with increased shedding of HIV-1 DNA? Presented at the *16th Biennial meeting of the International Society for Sexually Transmitted Diseases Research (ISSTD)*, Amsterdam, The Netherlands, July 10-13, 2005. Abstract #WP-111.
9. **Manhart LE**, Totten PA, Houston LS, Holmes KK. *Mycoplasma genitalium* in young adults in the United States: an emerging STD more common than gonorrhea. Presented at the *16th Biennial meeting of the International Society for Sexually Transmitted Diseases Research (ISSTD)*, Amsterdam, The Netherlands, July 10-13, 2005. Abstract #WP-112.
10. **Nelson SJ, Gorbach PM, Aral SO, Totten, PA, **Manhart LE**. Measuring sex partner concurrency: It's what's missing that counts. Presented at the *16th Biennial meeting of the International Society for Sexually Transmitted Diseases Research (ISSTD)*, Amsterdam, The Netherlands, July 10-13, 2005. Abstract #MP-160.
11. Astete SG, Bertucci CF, **Manhart LE**, Totten PA. The use of partial repeat copies of the mgbB gene as targets for a *Mycoplasma genitalium* PCR assay. Presented at the *16th Biennial meeting of the International Society for Sexually Transmitted Diseases Research (ISSTD)*, Amsterdam, The Netherlands, July 10-13, 2005. Abstract #WP-103.
12. **Buffardi AE, Thomas KK, Holmes KK, **Manhart LE**. Moving upstream: ecosocial correlates of sexually transmitted infections among young adults in the United States. Presented at the *2006 National STD Prevention Conference*, Jacksonville, Florida. May 8-11, 2006. Latebreaker abstract
13. Shafii T, **Manhart L**, Stoner BP, Martin DH, Tapia K, Rivara F, Holmes K. Errors in condom use and risk of gonorrhea and chlamydial infection among young adults attending urban STD clinics. Presented at the *17th meeting of the International Society for STD Research*, Seattle, Washington, USA, July 29-August 1, 2007. Abstract #P-370.
14. **Zavala J, Nelson SJ, Holmes KK, **Manhart LE**. Age of sexual debut and risk for STI among Hispanics attending a U.S. STD clinic. Presented at the *17th meeting of the International Society for STD Research*, Seattle, Washington, USA, July 29-August 1, 2007. Abstract #P-568.
15. Kenny GE, Young PA, Roberts MC, **Manhart LE**, Totten PA. An improved medium for growth of *Mycoplasma genitalium*: isolation of a tetracycline-resistant clinical strain. Presented at the *17th meeting of the International Society for STD Research*, Seattle, Washington, USA, July 29-August 1, 2007. Abstract #P-389.

16. Iverson Cabral SL, Demaster LK, **Manhart LE**, Cohen CR, Totten PA. The MgPa Adhesin Protein Induces a Local and Systemic Antibody Response Among Women Infected with *Mycoplasma genitalium*. Presented at the 108th General Meeting, June 1-5, 2008, Boston, Massachusetts. Abstract 08-GM-A-4625-ASM.
17. **Wetmore CM, **Manhart LE**, Lowens MS, McDougal SJ, McFarland NL, Astete SG, Xet-Mull AM, Golden MR, Whittington WLH, Totten PA. Case-control study of the associations between *Ureaplasma urealyticum* and *Ureaplasma parvum* and nongonococcal urethritis (NGU) in men. Presented at the 18th Meeting of the International Society for STD Research in conjunction with the British Association for Sexual Health and HIV, London, UK, June 28-July 1, 2009. Abstract #P2.83.
18. **Wetmore CM, **Manhart LE**, Lowens MS, McDougal SJ, McFarland NL, Astete SG, Xet-Mull AM, Golden MR, Whittington WLH, Totten PA. Factors associated with *Ureaplasma urealyticum* and *Ureaplasma parvum* detection in men. Presented at the 18th Meeting of the International Society for STD Research in conjunction with the British Association for Sexual Health and HIV, London, UK, June 28-July 1, 2009. Abstract #P3.35.
19. **Pradeep BS, Satyanarayana S, Gurav K, Mohapatra B, Isac S, Buzdugan R, **Manhart LE**, Halli SS, Blanchard JF. Understanding out-migration among female sex workers in South India-Cross sectional study. Presented at the 18th Meeting of the International Society for STD Research in conjunction with the British Association for Sexual Health and HIV, London, UK, June 28-July 1, 2009. Abstract #P4.89.
20. Totten PA, **Manhart LE**, Wetmore CM, Stevenson NL, Astete SG, Waites KB, Xiao L, Glass JI, Kenny GE. Evaluation of *Ureaplasma urealyticum* (UU) and *Ureaplasma parvum* (UP) PCR tests and antimicrobial susceptibility. Presented at the 18th Meeting of the International Society for STD Research in conjunction with the British Association for Sexual Health and HIV, London, UK, June 28-July 1, 2009. Abstract #P1.71.
21. **Manhart LE**, McClelland RS, Baeten J, Masese L, Ndinya-Achola JO, Jaoko W, Totten PA. Incident *Mycoplasma genitalium* infection among Kenyan women is associated with bacterial vaginosis. Presented at the 18th Meeting of the International Society for STD Research in conjunction with the British Association for Sexual Health and HIV, London, UK, June 28-July 1, 2009. Abstract #P3.37.
22. Nelson S, Morris M, Foxman B, Aral S, **Manhart L**, Holmes K, Golden M. A comparison of sexual behavior patterns among heterosexual men and women and men who have sex with men. Presented at the 17th Conference on Retroviruses and Opportunistic Infections, San Francisco, CA, February 16-19, 2010. Abstract #971.
23. **Wetmore CM, **Manhart LE**, Lowens MS, McDougal SJ, Golden MR, Whittington WLH, Xet-Mull AM, McFarland NL, Astete SG, Totten PA. Asymptomatic urethritis is associated with characteristics that suggest sexually-transmitted etiology above and beyond the role of recognized sexually transmitted pathogens. Presented at the 2010 National STD Prevention Conference, Atlanta, GA, March 8-10, 2010.
24. **Mitchell C, **Manhart L**, Thomas K, Fiedler T, Fredricks D, Marrazzo J. Behavioral predictors of colonization with *L. crispatus* or *L. jensenii* after treatment for bacterial vaginosis (BV). Presented at the 37th Annual Scientific Meeting of the Infectious Diseases Society for Obstetrics and Gynecology, Santa Fe, NM, August 5-7, 2010.
25. **Manhart LE**, Burgess-Hull AJ, Fleming CB, Bailey JA, Haggerty KP, Catalano RF. HPV catch-up vaccination among a community sample of young adults. Presented at the 19th Meeting of the International Society for STD Research, Quebec City, Canada, July 10-13, 2011. Abstract #P5-S6.30.
26. **Khosropour CM, **Manhart LE**, Colombara DV, Wetmore CM, Lowens MS, Kay NA, Totten PA, Simoni JM, Golden MR. Adherence to doxycycline in a clinical trial of men with nongonococcal

urethritis (NGU). Presented at the *2012 National STD Prevention Conference*, Minneapolis, Minnesota. March 12-15, 2012, Abstract P10.

27. **Manhart LE**, Khosropour CM, Gillespie CW, Lowens MS, Golden MR, Totten PA. Treatment outcomes for persistent *Mycoplasma genitalium*-associated NGU: Evidence of moxifloxacin treatment failures. Presented at the 20th Meeting of the International Society of Sexually Transmitted Disease Research (ISSTD), July 14-17, 2013, Vienna, Austria.
28. **Khosropour CM, **Manhart LE**, Gillespie CW, Lowens MS, Golden MR, Totten PA. Differential effect of standard therapies for non-gonococcal urethritis against *Ureaplasma* species. Presented at the 20th Meeting of the International Society of Sexually Transmitted Disease Research (ISSTD), July 14-17, 2013, Vienna, Austria.
29. Barbee LA, Dombrowski JC, **Manhart LE**, Golden MR. An Estimate of the Proportion of Gonococcal, Chlamydial and Non-gonococcal non-Chlamydial Urethritis (NGNCU) Attributable to Oral Sex Among Men who Have Sex with Men (MSM). Presented at the 20th Meeting of the International Society of Sexually Transmitted Disease Research (ISSTD), July 14-17, 2013, Vienna, Austria.
30. **Matheson AI, **Manhart LE**, Pavlinac PB, Means AR, Akullian A, Levine GA, Jacobson J, Shutes E, Watson JL. Tools to prioritize countries for mass drug administration interventions: A case study of azithromycin for reducing child mortality. Presented at the 62nd Annual Meeting of the American Society of Tropical Medicine and Hygiene, November 13-17, 2013, Washington DC. Abstract No. 140.
31. Srinivasan S, Liu C, Khosropour CM, Fredricks DN, **Manhart LE**. The urethral microbiota associated with idiopathic non-gonococcal urethritis (NGU) in heterosexual men. Presented at the *2014 National STD Prevention Conference*, June 9-12, 2014, Atlanta, Georgia, Abstract WP153.
32. Totten PA, Jensen N, Khosropour CM, Gillespie CW, Jensen JS, Kenny GE, Lowens MS, Golden MR, **Manhart LE**. Azithromycin and doxycycline resistance profiles of recent clinical isolates of *Mycoplasma genitalium* and association with treatment outcomes. Presented at the USA Mycoplasma Consortium Meeting, June 25-26, 2015, San Antonio, TX.

**Indicates student as first author.

University Service

| | |
|--|--------------|
| Faculty Council. UW Department of Epidemiology | 2015-current |
| Steering Committee. UW CFAR Biometrics Core | 2010-current |
| Admissions Committee. UW Department of Global Health | 2012-2015 |
| Global Health Track Member. UW Department of Epidemiology | 2009-current |
| Global Health Track Chair. UW Department of Epidemiology | 2009-2013 |
| Curriculum Committee. UW Department of Epidemiology | 2007-2013 |
| Chair, I.D. Epi Curriculum Review, UW Department of Epidemiology | 2009-2010 |
| Admissions Committee. UW Department of Epidemiology | 2004-2008 |
| Curriculum Task Force. UW Department of Epidemiology | 2005-2006 |

Professionally-Related Community Service

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|---|-----------|
| Advisory Committee. CDC STD Prevention Conference | 2005-2009 |
| Local Organizing Committee. ISSTDR 2007 | 2005-2007 |
| Scientific Committee, Epidemiology Track. ISSTDR 2007 | 2006-2007 |

Languages

| | |
|--------------------|---|
| French | Fluent (3 ^e degré- Institut International des Etudes Françaises, Strasbourg, FRANCE) |
| Moroccan Arabic | Conversational |
| Berber (Tashelhit) | Conversational |

Teaching Responsibilities

Formal Courses

| | |
|--|--------------|
| Epidemiology of Infectious Diseases (EPI 520), 9-29 students, instructor | 2004-current |
| Principles of STD/HIV Research (UWCONJ555), ~125 students, co-director | 2005-2011 |
| Preceptor for Application of Epidemiologic Methods (EPI 514), 5 students | 2004-2005 |

Other teaching

| | |
|---|-----------|
| Guest lecturer at Western Washington University for Global Health | 2014 |
| Faculty for "Principles of STD/HIV Research" | 2009-2014 |
| Guest lecturer at UCLA for Reproductive Health Epidemiology class | 2004-2014 |
| Guest lecturer in Epidemiologic Methods I (EPI 512) | 2007-2011 |
| Guest lecturer in Sociobehavioral and Prevention Research Methods for HIV and STI (EPI 549) | 2006-2007 |
| Guest lecturer in Reproductive Epidemiology (Epi 522) | 2006-2010 |
| Faculty for International Course on STD and HIV, Lima Peru | 2005 |
| Guest lecturer in AIDS: A multidisciplinary approach (EPI 530) | 2004 |

Advising and Formal Mentoring

UW START Program – Mentorship for students providing research assistance to the Bill & Melinda Gates Foundation

| | |
|-----------|---|
| 2011 | Patricia Pavlinac, PhD student |
| 2011 | Adam Akullian, MPH student |
| 2012 | Peter Blackwell, MPH student |
| 2012 | Kingsley Ndoh, MPH student |
| 2012 | Joelle Bassily, MBA student – Foster School of Business |
| 2012 | Kristopher Weum, MBA student – Foster School of Business |
| 2012 | Robert Hackleman, MBA student – Foster School of Business |
| 2012 | Jay Winzler, MBA student – Foster School of Business |
| 2013 | Walter Thorne, MBA student – Foster School of Business |
| 2013 | Madhura Chatterjee, MBA student – Foster School of Business |
| 2012-2013 | Katie Collier, MBA student – Foster School of Business |
| 2013-2015 | Carl Petrillo, MBA student – Foster School of Business |
| 2013-2015 | Meredith Sciarrio, MBA student – Foster School of Business |
| 2011-2013 | Alastair Matheson, PhD student |
| 2011-2013 | Emily Mosites, PhD student |
| 2011-2013 | Arianna Rubin, MPH student |
| 2011-2012 | Eli Kern, MPH student |
| 2012-2013 | Stephen Maley, PhD student |
| 2012-2013 | Michael Arndt, PhD student |
| 2012-2013 | Jillian Pintye, MPH student |
| 2013-2014 | Gena Barnabee, MPH student |
| 2013-2014 | Eva Westley, MPH student |
| 2012-2014 | Stephanie Kovacs, PhD student |
| 2013-2014 | Gillian Tarr, PhD student |
| 2013-2014 | Sharon Greene, PhD student |
| 2013-2015 | Torin Schaafsma, MPH student |

2013-2015 Jon Muir, PhD student
 2013-2015 Erica Lokken, MPH student
 2014-2015 Kirkby Tickell, MPH student
 2014-2015 Emily Deischel, PhD student
 2014-2015 Jessica Long, PhD student
 2014-2015 Cheryl Dietrich, MPH student

K-Award Mentorship

Jennifer Slyker, PhD, Acting Assistant Professor, Global Health (2009-2013). K01-award. Mentor committee member.

PhD Dissertations, chair

Danny Colombara, MPH, doctoral student, Epidemiology (2012-2014). "Infectious etiologies of lung cancer."

Catherine Wetmore, M.S., doctoral student, Epidemiology (2005-2009). "Microbiologic and host factors associated with urethritis in men."

Joseph F. Picciano, M.S., doctoral student, Epidemiology (2004-2012). "Using partner specific data to describe high-risk behavior and characterize local sexual networks among MSM enrolled in an HIV prevention project."

Masters Theses, chair

Tashina Robinson, MS student, Epidemiology (2015-current). Erectile Dysfunction Drugs and Risk for Sexually Transmitted Infections.

*Erica Lokken, MS student, Epidemiology (2014-2015). "Incident *Mycoplasma genitalium* infection and bacterial vaginosis among Kenyan women."

*Received the 2015 Distinguished Thesis Award from the University of Washington

Rebecca Lis, MPH student, Epidemiology (2013-2014). "*Mycoplasma genitalium* Infection and Female Reproductive Tract Outcomes: A Meta-Analysis"

Jennifer Ling, MD. MPH student, Epidemiology (2012-current *on leave*). "HIV-Hepatitis C co-infection."

Semret Nicodimos, MPH student, Epidemiology (2012-2013). "Domestic violence and adherence to antiretroviral therapy among HIV-positive individuals in South India."

Nora Kleinman, MPH student. Epidemiology (2010-2011). "Adherence to antiretroviral therapy and stigma in South Indian HIV-positive adults."

Susan Cassels, PhD. MPH student, Epidemiology (2009-2010). "Migration and HIV in Ghana."

Aarthi Kandasamy, MPH student, Epidemiology (2008-2010). "Sexual partnership concurrency and the relationship with HIV infection among HIV test seekers in India."

Caroline Mitchell, MD, MPH student, Epidemiology (2008-2009). "Predictors of vaginal colonization with lactobacilli."

Robin Tsehay Kassa, MPH student, Epidemiology (2008-2009). "The association between providers' knowledge and practices of HIV/AIDS in Andhra Pradesh, India."

Sarah McDougal, MPH student, Epidemiology (2008-2009). "Intimate partner violence experienced by males and the association with STI."

Pradeep Banandur, MPH student, Epidemiology (2007-2009). "Understanding out-migration among female sex workers in South India."

Emily Hancock, B.S., MS student, Epidemiology (2006-2007). "Are there unique risk factors for sexually transmitted *Chlamydia trachomatis*, *Neisseria gonorrhoeae*, and *Mycoplasma genitalium* infections?"

Aimee Spevak, B.S., MPH student, Health Services (2006-2007). "Mentoring Relationships and Sexually Transmitted Infections in Young Adults."

Megan Skinner, B.S., MPH student, Epidemiology (2006-2007). "The association of male circumcision with *N. gonorrhoeae*, *C. trachomatis*, and *M. genitalium* infection in a cross-sectional study of young adults attending public STD clinics."

PhD Dissertations, committee member

Alastair Matheson, Epidemiology (2013-present). "The epidemiology of dengue and other *Aedes*-borne arboviruses in Kenya". Committee Member.

Angela Ulrich, Epidemiology (2012-present). "Concurrency among MSM in Peru". Committee Member.

Christine Khosropour, Epidemiology (2012-2015). "Seroadaptive behaviors among men who have sex with men (MSM) to prevent HIV and other sexually transmitted infections". Committee Member.

Kari Gloppen, Social Work (2012-2014). "Sexual behavior and sexual decision-making among adolescents and young adults". Graduate School Representative.

Pamela Murnane, Epidemiology (2012-2014). "Behavioral and biological factors that influence the effectiveness of pre-exposure prophylaxis for prevention of HIV-1 acquisition". Committee Member.

Patricia Pavlinac, Epidemiology (2011-2014). "Potential etiologies of pediatric acute diarrhea and assessment of current treatment guidelines in rural Western Kenya." Committee Member.

Pamela Kohler, Nursing (2011-2012). "Access to health services for HIV treatment and prevention among women in resource-limited settings". Graduate School Representative.

Adithya Khanna, Quantitative Ecology and Resource Management (2010-2012). Graduate School Representative

Jennifer Broad, Epidemiology (2010-on leave). "Methods of estimating Chlamydial screening coverage". Committee Member.

Takumi Saegusa, Biostatistics (2010-2012). Graduate School Representative.

Sara J. Nelson, Epidemiology (2008-2010). "A preliminary cohort study of early sexual experiences of men who have sex with men." Committee Member.

Brandon Troy Leader, Pathobiology (2006). Graduate School Representative.

Masters Theses, committee member

Laura Chambers, MPH Student (2015-current): Constructing and evaluating alternative predictive models for identifying clinically relevant cases in an STD clinic

Miranda Moore, MPH Student (2013-2014). "PID and Ectopic Pregnancy over time".

Jillian Pintye, MPH Student (2013-2014). "Circumcision among HIV-1 infected males and risk of acquisition of HIV-1 and STIs among female partners"

Tara Perti, MPH Student, Epidemiology (2012-2013). "Frequent Genital HSV Shedding Among Women Delivering at the Chris Hani Baragwanath Hospital in Soweto, South Africa"

Barbara Kavanaugh, MPH Student, Health Services (2010-2011). "HIV and Genital Warts in Female Sex Workers in Mombasa, Kenya"

Katherine Sabourin, MPH Student, Epidemiology (2010-2011). "Polygamy and HPV infection in Senegal."

Marcela Lazo-Escalante, MPH Student, Epidemiology (2010-2011). "Characteristics of pregnant women in Peru who do not receive antenatal care."

Michael Metzger, MPH student, Epidemiology (2007-2009). "Association of maternal smoking with infant re-hospitalization and death due to infectious disease"

Damon Jameson, MPH student, Epidemiology (2006-2008). "The Association between Lack of Circumcision and HIV, HSV-2 and other Sexually Transmitted Infections among Men who Have Sex with Men"

Lei Yu, MPH student, Epidemiology (2007-2008). "Survival after orthotopic liver transplantation: The impact of exposure to hepatitis B virus as measured by the presence of hepatitis B core antibody"

Katie Paul, MPH student, Epidemiology (2006-2007). "Contextualizing women's risk: Individual- and neighborhood-level socioeconomic risk factors for bacterial vaginosis among parous women in King County, Washington"

Rachelle McCarty, N.D.; MPH student, Epidemiology (2005-2007). "CAM Utilization and Integration in Pediatric Diabetes."

Chunhui Wang, M.S. student, Epidemiology (2005-2006). "Sexual behaviors associated with HIV testing history in commercial sex workers in Senegal."

Pamela Kohler, MPH student, Health Services (2005-2006). "Abstinence Education and STI's."

Raphael Ondondo, M.S. student, Pathobiology (2005-2006). "Ureaplasmas and NGU."

Monica L. Pecha, M.S. student, Epidemiology (2005-2006). "Pneumococcal vaccine in older adults."

Christina Mair, M.S. student, Epidemiology (2005). "Factors Associated with CD4 Lymphocyte Counts in HIV-Negative Individuals in Senegal."

Independent Study Mentoring

Natali Smiley. Undergraduate Research. Public Health Challenges in India (Winter Quarter 2015)

Laura Chambers, Epidemiology Student. Men and the Microbiome (2014-2015)

Tunny Sebastian. Fogarty Fellow. Adverse Events and Cost Benefit analysis of ART regimens in India (Fall Quarter 2011)

Gregory Calip, Epidemiology student. Epidemiologic risk factors for vancomycin-resistant enterococci (VRE) colonization and infection among hematology-oncology patients (2011-2012)

Maria Valderamma. Fogarty Fellow. Barriers to accessing STI / HIV health services among men who have sex with other men (MSM) in Peru (Fall Quarter 2010)

Jennifer Broad, MPH. Review of the Epidemiology of *Mycoplasma genitalium*. (2010)

Grace Rebekah. Fogarty Fellow. Prediction Modeling for Immune Reconstitution Inflammatory Syndrome and Drug Adherence in Patients with HAART in India (Fall Quarter 2009)

Laura Sangaré. Meta-analysis of the efficacy of intradermal versus intramuscular vaccination for Hepatitis B. (2007-2009)

Rani Mohanraj, PhD. Fogarty Fellow. Depression and anxiety among HIV-positive individuals in Chennai India. (Fall Quarter 2007)

Beth Lipton, DVM. Infectious Disease Epidemiology (Winter Quarter 2007), for Extended Degree Program.

Anne Buffardi, MSW. Eco-social correlates of sexually transmitted infections among young adults in the United States. (2006-2007)

Catherine Wetmore, MPH. Trends in STI prevalence (2006)

Sara Nelson, MPH. Sociobehavioral and contextual risk factors for STI in the Young Adults, Partnerships, and STD (YAPS) Study. (2004-2007)

Other Mentoring

Jasmin N. Zavala, undergraduate scholarship awardee in the UW GenOM Project Genomics Outreach for Minorities (2005-2007)