BIOGRAPHICAL SKETCH

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NAME	POSITION TITLE
Marcia Metzgar Hobbs	Research Associate Professor
eRA COMMONS USER NAME	

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	YEAR(s)	FIELD OF STUDY
Duke University, Durham, NC	B.S.	1979	Zoology
University of North Carolina, Chapel Hill, NC	Ph.D.	1993	Microbiology & Immunology

A. Positions and Honors.

Employment

1979 - 1981	Science Teacher, Pitt County, NC, Public Schools, Farmville Middle School
1981 - 1982	Research Technician, Department of Pharmacology, East Carolina University
1983 - 1985	Research Technician, Department of Medicine, Duke University Medical Center
1985 - 1986	Research Technician, Division of Infectious Diseases, Duke University Medical Center
1986 - 1988	Research Specialist, Division of Infectious Diseases, Duke University Medical Center
1988 - 1993	Graduate Student, Department of Microbiology & Immunology, UNC at Chapel Hill
1993 - 1996	Postdoctoral Research Associate, Dept. of Microbiology & Immunology, UNC at Chapel Hill
1996 - 2001	Research Assistant Professor, Dept. of Medicine, Div. of Infectious Diseases, UNC at Chapel Hill
1999 - 2001	Research Assistant Professor, Dept. of Microbiology & Immunology, UNC at Chapel Hill
2001 - present	Research Associate Professor, Depts. of Medicine and Microbiology & Immunology, UNC at Chapel Hill
2003 - present	Director, NC Sexually Transmitted Infections and Topical Microbicides, Cooperative Research Center Microbiology Core Laboratory

Other professional activities and memberships

1994 - present	Member American Society for Microbiology
1996 - present	Ad-hoc Reviewer for *Infection & Immunity*
1999 - present	Ad-hoc Reviewer for *Journal of Infectious Diseases*
2002, 2005	Ad-hoc Reviewer for NIAID study sections
2002 - present	Ad-hoc Reviewer for *Journal of Cinical Microbiology*
2003 - present	Member WHO STD Diagnostics Initiative website editorial board
2005 - present	Chairperson, STI/TM CRC Diagnostics Working Group

Honors

2005	University of North Carolina Teaching Excellence Award

B. Selected peer-reviewed publications (in reverse chronological order).

1. Seña AC, Miller WC, Hobbs MM, Schwebke JR, Leone PA, Swygard H, Atashili J and Cohen MS. *Trichomonas vaginalis* infection in the sexual partners of infected women. Clin. Infect. Dis. 44:13-22; 2007.

2. Thomsen SC, Gallo MF, Ombidi W, Omungo Z, Janowitz B, Hawken M, Tucker H, Wong EL, and Hobbs MM. Randomized controlled trial on whether advance knowledge of prostate-specific antigen testing improves participant reporting of unprotected sex. Sex. Trans. Infect. in press, 2007.
3. Steiner MJ, Taylor D, Hylton-kong T, Mehta N, Figueroa JP, Bourne D, Hobbs M and Behets F. Decreased condom breakage and slippage after counseling men at an STI clinic in Jamaica. Contraception, in press; 2007
4. Hobbs MM, Lapple DM, Lawing LF, Schwebke JR, Cohen MS, Swygard H, Atashili J, Leone PA, Miller WC and Seña AC. Methods for detection of *Trichomonas vaginalis* in the male partners of infected women: implications for control of trichomoniasis. J. Clin. Microbiol 44:3994-3999; 2006.
5. Morris M, Handcock MS, Miller WC, Ford CA, Schmitz JL, Hobbs MM, Cohen MS, Harris KM and Udry JR._Prevalence of HIV Infection Among Young Adults in the United States: Results From the Add Health Study. Am J Public Health 96:1091-1097; 2006.
6. Gallo MF, Behets FM, Steiner MJ, Thomsen SC, Ombidi W, Luchters S, Toroitich-Ruto C, and Hobbs MM. Validity of self-reported "safe sex" among female sex workers in Mombasa, Kenya - PSA analysis. Intl. J. STD & AIDS. in press; 2006.
7. Gallo MF, Behets FM, Steiner MJ, Hobbs MM, Hatzell T, Van Damme K, Ralimamonjy L, Raharimalala L and Cohen MS. Prostate-specific antigen to ascertain reliability of self-reported coital exposure to semen. Sex. Trans. Dis. 33:476-479; 2006.
8. Steiner MJ, Hylton-Kong T, Figueroa JP, Hobbs MM, Behets F, Smikle M, Tweedy K, Powell S, McNeil L and Brathwaite A. Does a choice of condoms impact sexually transmitted infection incidence? A randomized, controlled trial. Sex. Trans. Dis. 33:31-35; 2006.
9. Behets FMT, Van Damme K, Rasamindrakotroka A, Hobbs M, McClamroch K, Rasalofomanana JR, Raharimalala L, Dallabetta G and Andriamiadana J. Socio-demographic and behavioural factors associated with high incidence of sexually transmitted infections in female sex workers in Madagascar following presumptive therapy. Sex. Health 2:77-84; 2005.
10. Miller WC, Swygard H, Hobbs MM, Ford CA, Handcock MS, Morris M, Schmitz JL, Cohen MS, Harris KM and Udry JR. The prevalence of trichomoniasis in young adults in the United States. Sex. Trans. Dis. 32:593-598; 2005.
11. Hoyo C, Hoffman I, Moser BK, Hobbs MM, Kazembe P, Krysiak RG and Cohen MS. Improving the accuracy of syndromic diagnosis of genital ulcer disease in Malawi. Sex. Trans. Dis. 32:231-237; 2005.
12. Lynn F, Hobbs MM, Zenilman JM, Behets FMTF, Van Damme K, Rasamindrakotroka A and Bash MC. Genetic typing of the porin protein of *Neisseria gonorrhoeae* from clinical non-cultured samples: strain characterization and identification of mixed gonococcal infections. J. Clin. Microbiol. 43:368-375; 2005.
13. Huppert JS, Batteiger BE, Braslins P, Feldman JA, Hobbs MM, Sankey HZ, Seña A and Wendel KA. Use of an immunochromatographic assay for rapid detection of *Trichomonas vaginalis* in vaginal specimens. J. Clin. Microbiol. 43:684-687; 2005.
14. Swygard H, Miller WC, Kaydos-Daniels SC, Leone PA, Cohen MS, Hobbs MM and Seña AC. Targeted screening for *Trichomonas vaginalis* with culture using a two-step method in women presenting for STD evaluation. Sex. Trans. Dis. 31:659-664; 2004.
15. Miller WC, Ford CA, Morris M, Handcock MS, Schmitz JL, Hobbs MM, Cohen MS, Harris KM and Udry JR. The prevalence of chlamydial and gonococcal infection among young adults in the United States. JAMA 291:2229-2236; 2004.
16. Price GA, Hobbs MM and Cornelissen CN. Immunogenicity of gonococcal transferrin binding proteins during natural infections. Infect. Immun. 72:277-283; 2004.
17. Kaydos-Daniels SC, Miller WC, Hoffman I, Price MA, Martinson F, Chilongozi D, Namakwha D, Gama S, Phakati S, Cohen MS and Hobbs MM. The use of specimens from multiple genitourinary sites in men, to detect *Trichomonas vaginalis* infection. J. Infect. Dis. 189:1926-1931; 2004.
18. Swygard H, Seña AC, Hobbs MM and Cohen MS. Trichomoniasis: clinical manifestations, diagnosis and management. Sex. Transm. Infect. 80:91-95; 2004.
19. Kaydos-Daniels SC, Miller WC, Hoffman I, Banda T, Namhakwa D, Gama S, Cohen MS and Hobbs MM. Validation of a PCR-based enzyme-linked immunosorbent assay with urine for use in clinical research settings to detect *Trichomonas vaginalis* in men. J. Clin. Microbiol. 41:318-323; 2003.
20. Anderson JE, Hobbs MM, Biswas G and Sparling PF. Opposing selective forces for expression of the gonococcal lactoferrin receptor. Mol. Microbiol. 48:1325-1337; 2003.

21. Price MA, Zimba D, Hoffman IF, Kaydos-Daniels SC, Miller WC, Martinson F, Chilongozi D, Kip E, Msowoya E, Hobbs MM, Kazembe PN and Cohen MS. The addition of treatment for trichomoniasis to the syndromic management of urethritis in Malawi: A randomized clinical trial. Sex. Trans. Dis. 30:516-522; 2003.
22. Blocker ME, Krysiak RG, Behets F, Cohen MS and Hobbs MM. Quantification of *Chlamydia trachomatis* elementary bodies in urine using ligase chain reaction. J. Clin. Microbiol. 40:3631-3634; 2002.
23. Kaydos SC, Swygard H, Wise SL, Seña AC, Leone PA, Miller WC, Cohen MS and Hobbs MM. Development and validation of a PCR-based enzyme-linked immunosorbent assay with urine for use in clinical research settings to detect *Trichomonas vaginalis* in women. J. Clin. Microbiol. 40:89-95; 2002.
24. Olesky M, Hobbs M and Nicholas RA. Identification and analysis of amino acid mutations in porin IB that mediate intermediate-level resistance to penicillin and tetracycline in *Neisseria gonorrhoeae.* Antimicrob. Agents Chemother. 46:2811-2820; 2002.
25. Anderson JE, Leone PA, Miller WC, Chen C-J, Hobbs MM and Sparling PF. Selection for expression of the gonococcal hemoglobin receptor during menses. J. Infect. Dis. 184:1621-1623; 2001.