

Jonathan M. Zenilman, M.D.
Curriculum Vitae

CURRENT APPOINTMENTS

Chief, Infectious Diseases Division
Johns Hopkins Bayview Medical Center

Professor
Division of Infectious Diseases
Department of Medicine
Johns Hopkins University School of Medicine

Joint Appointments

Obstetrics & Gynecology, Johns Hopkins University School of Medicine
Departments of *Molecular Medicine & Immunology*; *International Health*; *Epidemiology*
Johns Hopkins University Bloomberg School of Public Health

Clinical Staff Appointments

Johns Hopkins Bayview Medical Center, Baltimore, MD
Johns Hopkins Hospital, Baltimore, MD
Baltimore City Health Department-STD Program

PERSONAL DATA

Office Address:
Division of Infectious Diseases
Johns Hopkins Bayview Medical Center
4940 Eastern Avenue
Baltimore, MD 21224-2780
Phone: 410-550-9080; fax 410-550-1169
Email jsenilma@jhmi.edu

EDUCATION and TRAINING

1973-1977 **Cornell University**, Ithaca NY, B.A. *cum laude* (chemistry) - 1977
1977-1981 **SUNY Downstate Medical Center**, Brooklyn, NY, M.D. - 1981

Postdoctoral

State University - Kings County Hospital Center Brooklyn, New York

1981-1984 PGY1-PGY3 *Resident* (Straight Medicine)
1984-1985 *Infectious Diseases Fellow*

Emory University, Atlanta GA

1987-1988 *Infectious Disease Fellow*

Centers for Disease Control, Atlanta GA:

1985-1987 *Epidemic Intelligence Service Officer*

PROFESSIONAL EXPERIENCE

New York City Health Department-Office of the Chief Medical Examiner

1983-1985 *Medical Investigator (part time)*

Centers for Disease Control, Atlanta, Ga

1987-1989 *Clinical Research Investigator* - Division of Sexually Transmitted Diseases

Emory University School of Medicine, Atlanta, GA1988-1989 *Instructor*, Department of Medicine (Infectious Diseases)**Johns Hopkins University Schools of Medicine and Public Health-Baltimore, MD**1989-1994 *Assistant Professor*1995-2002 *Associate Professor*2002-Current *Professor***Baltimore City Health Department, Baltimore MD**1989-1993 *Medical Director-Druid Disease Control Center*1993-1995 *Director of Clinical Services-Baltimore City STD Program***Uniformed Service: U.S. Public Health Service Commissioned Corps**

Active Duty 1985-1989 (while at CDC). Discharge Rank 0-4 (Lt. Cdr). Current: Inactive Reserve

RESEARCH ACTIVITY**BIBLIOGRAPHY****Books**Edwards A, Sherrard J, **Zenilman JM**. *Fast Facts-Sexually Transmitted Infections*. Health Press, Oxford, 2001**Zenilman, Jonathan M**, editor. *Infectious Diseases Clinics of North America-Sexually Transmitted Infections*. Volume 19 June 2005, Saunders-Elsevier, Philadelphia**PUBLICATIONS** (202 total)**PEER-REVIEWED ORIGINAL RESEARCH PUBLICATIONS (116)**

1. **Zenilman JM**, Miller MH, and Mandel LJ. In Vitro Studies with *Staphylococcus aureus* examining the simultaneous Effects of Oxacillin on the Uptake of Radiolabeled Streptomycin and on Associated Bacterial Lethality. *Antimicrobial Agents Chemother*. 1986;30:877-82.
2. Knapp JS, **Zenilman JM**, Biddle JW, Perkins G, DeWitt WE, Thomas ML, Johnson SR, Morse SA. Frequency and Distribution of Plasmid-Mediated High Level Tetracycline Resistant *Neisseria gonorrhoeae* (TRNG) in the United States. *J Infect Dis* 1987;155:819-22
3. **Zenilman JM**, Knapp JS, Nolte FR, Menegus ML, Nims L. Spectinomycin- Resistant Gonorrhea in the United States, 1985-1986. *J Infect Dis* 1987;156:1002-4.
4. **Zenilman JM**, Bonner M, Sharp K, Rabb JA, Alexander ER and the Disease Intervention Staff of the Dade County Health Department. Penicillinase-Producing *Neisseria gonorrhoeae* in Miami-Role of Core-Group Transmitters and the Impact of Illicit Antibiotics. *Sexually Transmitted Diseases* 1988;15:45-50.
5. Knapp JS, Johnson SR, **Zenilman JM**, Roberts MC, Morse SA. High-Level Tetracycline Resistance Resulting from TetM in Strains of *Neisseria spp.*, *Kingella denitrificans*, and *Eikenella corrodens*. *Antimicrob Agents Chemother* 1988;32:765-67.
6. **Zenilman JM**, Knapp JS, Whittington WL, Rice RJ, Biddle JW, DeWitt WE, Thomas ML, Shepherd ME, Frazier DW. Characterization of Penicillinase-Producing *Neisseria gonorrhoeae* Isolates in Miami, Florida 1983-1986. *Sexually Transmitted Diseases* 1988;15:158-63.

7. Knapp JS, **Zenilman JM**, Rice RJ, Roberts MC, McIntire SA, Morse SA. Frequency in the United States of non-B-lactamase Producing Strains of *Neisseria gonorrhoeae* Possessing the 24.5 Mdal Conjugative Plasmid. *Sex Trans Dis.* 1989;16:79-83
8. Schwarcz SK, **Zenilman JM**, Knapp JS, Schnell D, Hook EW III, Judson FN, Thompson SE, Holmes KK. National Surveillance of Antimicrobial Resistance in *Neisseria gonorrhoeae*. *JAMA* 264:1990:1413-7.
9. **Zenilman JM**, Reichart CA, Neumann TM, Hook EW III. Cocaine Hydrochloride and benzoylecgonine have no *in-vitro* inhibitory effect against *Neisseria gonorrhoeae* *Antimicrobial Agents & Chemotherapy.* 1991;35:1228-9.
10. Hutchinson C, Wilson C, Reichart C, Marsiglia V, **Zenilman JM**, Hook EW III. CD4 lymphocyte counts in patients with newly diagnosed HIV infection attending STD clinics *JAMA* 1991;266:253-6.
11. **Zenilman JM**, Erickson B, Fox R, Reichart C, Hook EW III. Effect of HIV Posttest Counseling on STD Incidence. *JAMA* 1992;267:843-5.
12. McNaghy SE, Parker RM, **Zenilman JM**, Lewis JS. Evaluation of urinary leukocyte esterase as a screening test for the detection of asymptomatic *Chlamydia trachomatis* and *Neissera gonorrhoeae* in men. *J Infect Dis.* 1992;165:573-6.
13. Reichart CA, Neuman T, Foreman P, **Zenilman JM**, Hook EW III. Temporal trends in gonococcal antibiotic resistance in Baltimore. *Sex Trans Dis.* 1992;19:213-18
14. **Zenilman JM**, Neumann T, Patton M, Reichart CA. Susceptibility of 200 *Neisseria gonorrhoeae* isolates to OPC-17116 and other fluoroquinolones. *Antimicrob Agents Chemother* 1993;37:2244-2246
15. Kassler WJ, **Zenilman JM**, Erickson B, Fox R, Peterman T, Hook EW III. HIV seroconversion in STD clinic patients *AIDS* 1994;8:351-5.
16. **Zenilman JM**, Smith P, Shepard M, Celentano DA. Alcohol and other substance use in STD clinic patients: relationships with STDs and prevalent HIV infection. *Sex Transmitted Disease* 1994;21:220-225
17. **Zenilman JM**, Weisman CS, Rompalo AM, Elish N, Upchurch DM, Hook EW III, Celentano D. Condom use to prevent incident STDs: The validity of self-reported condom use. *Sex Trans Dis* 1995;22:1-7
18. Thomas DL, Rompalo AM, **Zenilman JM**, Hoover D, Quinn TC. The association of hepatitis C infections with false positive tests for syphilis *J Infect Dis* 1994;170:1579-1581
19. Thomas DL, **Zenilman J**, Shih JW, Alter HJ, Shepherd M, Carella A, Quinn TC. Evidence of sexual transmission of hepatitis C to females attending Baltimore sexually transmitted disease clinics-an analysis of 309 sexual partnerships. *J. Infect Dis* 1995;171:768-775
20. deLissavoy G, **Zenilman JM**, Celentano D, Ahmed F, Weh ZH, Nelson K. Estimated direct costs of congenital syphilis in the United States-1990. *Public Health Reports* 1995;110:403-409
21. Spitters C, Pardoe K, Yeargain J, **Zenilman JM**. Prevalence of antibodies to heaptitis B and C among firefighters prior to implmentation of a hepatitis B vaccination program. *Journal of Occupational and Environmental Medicine* 1995;37:663-664
22. Dropulic LK, Leslie JM, Eldred LJ, **Zenilman JM**, Sears CL. *Pseudomonas aeruginosa*: an important bacterial pathogen in patients with the acquired immunodeficiency syndrome. *J Infect Dis* 1995;171:930-937

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24. Berger BJ, Kolton S, **Zenilman JM**, Cummings MC, Feldman J, McCormack WM. Bacterial vaginosis in lesbians- a sexually transmitted disease. *Clinical Infectious Diseases* 1995;21:1402-5
25. Augenbraun M, Feldman J, Chirgwin K, **Zenilman J**, Clarke L, DeHovitz J, Landesman S, Minkoff H. Genital shedding of herpes simplex virus type 2 in HIV-seropositive women. *Ann Int Med* 1995;123:845-847
26. **Zenilman JM**. Quinolones as first-line therapy for gonorrhea in Baltimore: Minimal impact on antimicrobial susceptibility patterns. *Sexually Transmitted Diseases* 1996;23:213-21
27. Golden MR, Rompalo AM, Fantry L, Bein M, Perkins T, Hoover D, **Zenilman JM**. Declining incident gonorrhea in male HIV-positive STD clinic patients following the institution of a program of early clinical intervention. *Sexually Transmitted Diseases* 1996;23:370-378
28. Elish N, Weisman CS, Celentano D, **Zenilman JM**. Reliability of partner reports of sexual histories in a heterosexual STD clinic population. *Sexually Transmitted Diseases* 1996;23:446-452
29. Ching S-F, Lee H, Hook E, Jacobs M, **Zenilman JM**. Ligase chain reaction for detection of *Neisseria gonorrhoeae* in urogenital swabs. *J Clinical Microbiology* 1995; 33:3111-3114
30. Quinn TC, Welsh L, Lentz A, Crotchfelt K, **Zenilman JM**, Gaydos C, Project RESPECT Study Group. Diagnosis of *Chlamydia trachomatis* infection in urine samples from women and men by Amplicor polymerase chain reaction. *J Clinical Microbiology*, 1996;34:1401-1406
31. Peek M, **Zenilman JM**. Syphilis and tuberculosis: overlap of categorical public health clinic utilization patterns. *Sexually Transmitted Diseases* 1997;24:8-10
32. Chaulk P, **Zenilman JM**. STDs and Managed Care: Magic Bullet or Shadow on the Land? *Journal of Public Health Practice* 1997; 3:61-70
33. Friedman SR, Curtis R, Jose B, Neaigus A, **Zenilman JM**, Kreek MJ, Culpepper-Morgan J, Borg L, Paone D, Des Jarlais DC. Sex, drugs, and infections among youth: HIV-1 and other parenterally or sexually transmitted diseases in a high-risk neighborhood. *Sexually Transmitted Diseases* 1997;24:322-326
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35. Jadack RA, Fresia A, Rompalo AM, **Zenilman JM**. Reasons for not using condoms at urban STD clinics. *Sexually Transmitted Diseases*-1997;24:402-407
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38. Nelson KE, Celentano DD, Eiumtrakui S, Maclean I, Ronald A, Suprasert S, Hoover DR, Kuntolbutra S, **Zenilman JM**. The association of *Herpes simplex* type 2, *Haemophilus ducreyi*, and syphilis infections with genital ulcer disease and HIV infection in Northern Thailand. *J Acquired Immune Def Syndromes* 1998;16:293-306.
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42. Becker KM, Glass GG, Brathwaite W, **Zenilman JM**. The geographic epidemiology of gonorrhea in Baltimore using a geographic information system. *Am J Epidemiology* 1998;147:709-716
43. Burstein, GR, Waterfield G, Joffe A, **Zenilman JM**, Quinn, TC, Gaydos CA. Screening for gonorrhea and chlamydia by DNA amplification in adolescents attending middle school health centers: an essential component of STD control. *Sexually Transmitted Diseases*, 1998;25:395-402
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45. Hennessy M, Bolan G, Hoxworth T, Iatesta M, Rhodes F., **Zenilman JM**. Using growth curves to determine the timing of booster sessions. *Structural Equation Modeling* 1999;6:322-342.
46. Moss W, Bentley M, Maman S, Ayuko D, Egessah O, Sweat M, Nyarang'o P, **Zenilman JM**, Chemtai A, Halsey N. Healers, chemists and clinics:voices from rural Kenya on sexually transmitted infections and therapeutic options.*AIDS Care* 1999;11:95-113
47. Kamb ML, Fishbein M, Douglas JM, Rhodes F, Rogers J, Bolan G, **Zenilman JM**, Hoxworth T, Malotte K, Iatesta M, Kent C, Lentz A, Graziano S, Byers RH, Peterman TA and the Project RESPECT Study Group. Efficacy of risk-reduction counseling to prevent human immunodeficiency virus and sexually transmitted diseases: a randomized controlled trial. *JAMA*, 1998;280:1161-7
48. **Zenilman JM**, Elish N, Fresia A, Glass G. The geography of sexual partnerships in Baltimore- Applications of Core theory dynamics using a geographic information system. *Sexually Transmitted Diseases*,1999; 26:75-81.
49. Jacobson DL, Peralta L, Farmer M, **Zenilman JM**, Wright TC, Graham NMH. Cervical ectopy and the transformation zone measured by computerized planimetry: relationship to hormonal contraception, reproductive and sexual history. *Intl J OB GYN* 1999;66:7-17
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51. Irwin DE, Thomas JC, Spitters CE, Leone PA, Stratton JD, Martin DH, **Zenilman JM**, Schwebke JR, Hook EW III. Self-reported sexual activity and condom use among symptomatic clients attending STD clinics. *Sexually Transmitted Diseases*,1999; 26:286-9

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53. Jacobson DL, Peralta L, Farmer M, , Graham NMH, Shah K, Morsberger S, Gaydos C, Wright TC, **Zenilman JM**. Relationship of hormonal contraception and cervical ectopy as measured by computerized planimetry to chlamydia and HPV infection in adolescents. *Sex Transm Dis* 2000;27:313-19
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55. Thompson DK, Deal CD, Ison CA, **Zenilman JM**, Bash MC. A genotyping system for *Neisseria gonorrhoeae* based on biotinylated oligonucleotide probes to PIB gene variable regions. *J Infect Dis* 2000; 181:1652-1660
56. Jadack, R. A., Pare, B., Fresia, A. E., & **Zenilman, JM**. Self-reported weapon ownership, use, and violence experiences among clients accessing an inner-city sexually transmitted disease clinic. *Research in Nursing and Health* 2000;23:213-221
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58. McKee KT Jr.,Shields TM, Jenkins PR, **Zenilman JM**, Glass GE. Application of a Geographic Information System to Tracking and Control of a *Shigella* Outbreak. *Clinical Infectious Diseases* 2000;31:728-33.
59. Jacobson DL, Mizell-Womack S, **Zenilman JM**, Peralta L, Feroli K, Meher J, Daniel R, Shah K. Concordance of HPV in the cervix and urine among inner-city adolescents with a very high prevalence of HPV.*Ped Infect Dis J* 2000;19:722-8
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61. Peterman TA, Lin LS, Newman D, Kamb ML, Graziano S, Fishbein M, Bolan G, **Zenilman JM**, Douglas J, Rogers J, Malotte K, Project RESPECT STUDY GROUP. Does measured behavior change reflect change in STD/HIV Risk? *Sex Transm Dis* 2000;27:446-51
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64. Mehta SD, Rothman RE, Kelen GD, Quinn TC, **Zenilman JM**. Clinical and demographic aspects of gonorrhea and chlamydia diagnosis in an acute care setting.*Clinical Infectious Diseases*-2001;32:655-59
65. Malotte CK, Jarvis B, Fischein M, Kamb M, latesta M, Hoxworth T, **Zenilman JM**, Bolan G, and the Project RESPECT Study Group. Stage of change versus an integrated psychosocial theory as a basis for developing effective behavior change interventions. *AIDS Care* 2000;12:357-64

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69. Erbeling EJ, Hummel B, Hogan MT, **Zenilman JM**. High rates of depressive symptoms in STD clinic patients. *Sex Transm Dis* 2001; 28:281-4
70. Burstein GR, **Zenilman JM**, Gaydos CA, West MD, Howell MR, Brathwaite W, Quinn TC. Predictors of repeat chlamydia trachomatis infections diagnosed by DNA amplification testing among inner city females *Sex Transm Infections* 2001;77:26-32
71. Emonyi IW, Gray RH, **Zenilman JM**, Schmidt K, Wawer MJ, Sewankambo KN, Serwadda D, Kiwanuka N, Nalugoda F. Seroprevalence of Herpes Simplex type 2 (HSV-2) in Rakai District, Uganda. *East African Medical Journal* 2000 (Aug) 428-430
72. Burstein GR, Snyder MH, Conley D, Boekeloo BO, Quinn TC, **Zenilman JM**. Adolescent chlamydia testing practices in a large managed care organization. *Sex Transm Dis* 2001;28:477-483
73. Flom PL, Friedman SR, Kottiri BJ, Neaigus A, Curtis R, Des Jarlais DC, Sandoval M, **Zenilman JM**. Stigmatized drug use, partner concurrency and other sexual risk behaviors among 18-24 year old youth in a high risk neighborhood. *Sex Transm Dis* 2001;28:598-607
74. Rompalo AM, Seaman P, Quinn TC, **Zenilman JM**, Hook EW III. Modification of Syphilitic Genital Ulcer Manifestations By Co-existent HIV Infection. *Sex Transm Dis* 2001;28:448-454
75. Lawrence JM, Kamb ML, Iatesta M, Douglas JM, Hoyt LA, Bolan G, Peterman T, Fishbein M, **Zenilman JM**, and the Project RESPECT Study Group. Sources of recent STD-related treatment for STD clinic patients. *Sex Transm Dis* 2001 28:535-538.
76. Friedman SR, Flom PL, Kottiri BJ, Neaigus A, Sandoval M, Curtis R, **Zenilman JM**, Des Jarlais DC. Prevalence and correlates of anal sex among young adult women in an inner city minority neighborhood. *AIDS* 2001;15:2057-2060
77. Go VF, Quan VM, Chung A, **Zenilman JM**, Hanh VT, Celentano DC. Gender gaps, gender traps: sexual identity and vulnerability to sexually transmitted diseases among women in Vietnam. *Soc Sci Med* 2002 55:467-81
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79. Fishbein M, Hennessy M, Kamb M, Bolan GA, Hoxworth T, Iatesta M, Rhodes F, **Zenilman JM**, Project RESPECT Study Group. Using Intervention theory to model factors influencing behavior change-Project RESPECT. *Evaluation and the Health Professions* 2001;24:363-84
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screening strategies for gonorrhea and chlamydia among male and female emergency department patients. *Sex Transm Dis* 2002;29: 83-91

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82. Friedman SR, Flom P, Kottiri BJ, Neaigus A, Sandoval M, Fuld J, Curtis R, **Zenilman JM**, DesJarlais DC. Consistent condom use in non-commercial heterosexual relationships of youth in a high HIV-risk neighborhood who inject drugs or otherwise use crack, cocaine or heroin. *AIDS Care*. 2002 Aug;14(4):493-507
83. Brewer TH, Metsch L, **Zenilman JM**. Utilization of a public STD clinic by known HIV-positive adults- Decreased self-reported risk behavior increased disease incidence. *J Acq Imm Def Syndr* 2002;29:289-294
84. **Zenilman JM**, Glass G, Shields T, Jenkins P, Gaydos JC, McKee KT Jr. Geographic epidemiology of gonorrhea and chlamydia on a large military installation-application of a GIS system. *Sex Transm Inf* 2002;78:40-44
85. Rogers SM, Miller HG, Miller WM, **Zenilman JM**, Turner CF. NAAT-identified and self-reported gonorrhea and chlamydial infections: Different at-risk population subgroups. *Sex Transm Dis* 2002; 29:588-596
86. Turner CF, Rogers SM, Miller HG, Chromy JR, Gribble JN, Miller W, Leone P, Quinn TC, **Zenilman JM**. Untreated gonococcal and chlamydia infection in a probability sample of Baltimore adults. *JAMA* 2002;287:726-733
87. Friedman SR, Flom PL, Kottiri BJ, **Zenilman JM**, Curtis R, Neaigus A, Sandoval M, Quinn T, Des Jarlais DC. Drug use patterns and infections with sexually transmitted agents among young adults in a high risk neighborhood. *Addictions* 2003 ;98:159-69.
88. Mehta SD, Rompalo AM, Rothman RE, Londner MS, **Zenilman JM**. Generalizability of STD screening in urban emergency departments: comparison of results from inner city and urban sites in Baltimore, MD. *Sex Transm Dis*, 2003; 30:143-8
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93. Reynolds SJ, Risbud A, Shepherd ME, **Zenilman JM**, Brookmeyer RS, Paranjape RS, Bollinger RC, Mehendale SM. Incident herpes type 2 infection and the association with HIV acquisition in India. *J Infect Dis* 2003; 187;1513-21

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99. Erbedling EJ, Chung S, **Zenilman JM**. Following-up for HIV test results: what limits return in an STD clinic population? *Int J STD AIDS* 2004;15:29-32
100. Giles JA, Falconio J, Yuenger JD, **Zenilman JM**, Dan M, Bash MC. QRDR Mutations and Porin Type of *Neisseria gonorrhoeae* Isolates from Israel: Fluoroquinolone Resistance Surveillance and Typing by Molecular Methodologies. *J Infect Dis*- 2004; 189:2085-93
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RESEARCH ACTIVITY AND RESEARCH MENTORING EXTRAMURAL SPONSORSHIP (as Principal Investigator):

Validating Sexual Behavior by Y-chromosome PCR. R01 HD043674 - (4/15/2003 - 03/31/2006). Clinical studies to characterize a Y-chromosome PCR assay in vaginal fluid using self-administered swab samples to validate self-reported sexual behavior. Validated assay will be useful in assessing condom use and HIV/STD prevention interventions. \$112,500 direct costs in each project year.

HIV & STD Risks in Tel Aviv Commercial Sex Workers. R03 HD44396 - (09/01/2003 - 8/31/2005). Quailitative research on STD risk in a population of commercial sex workers exposed to structural stress due to terrorism and trafficking. Objective is to assess changes in HIV/STD risk, client mix, and to develop potential interventions to maintain HIV/STD risk reduction efforts. \$50,000 annual direct costs.

Recovery of Vaginal Flora After Douching Cessation R03 AI061131 (3/1/05-2/28/07). Ascertain impact of douching cessation on recovery of vaginal flora, detmerined by Nugent and molecular methods

Johns Hopkins STD Center Training Grant. T32AI050056 - (10/1/01 - 9/30/06). Multidisciplinary training grant for predoctoral and postdoctoral trainees in epidemiology, behavioral sciences, and clinical STDs. Coordinated application for 21 faculty from 7 departments. \$217,000direct support in FY03.

STD Mid-Career Mentoring Award-Clinical Research in STDs. K24AI01633 - (4/1/99 - 3/31/04; Renewed 4/1/05- 3/31/08). Salary and research support for training and mentoring clinical investigation in STD and HIV prevention. \$127,323 in FY05.

Surveillance for Human Papillomavirus. CDC - (10/1/01 - 9/30/05). Develop sentinel surveillance system for HPV infection using molecular diagnostics at 3 Baltimore womens clinics, in collaboration with Baltimore Health Department. \$186,000 direct costs in FY03.

As Co-Investigator /Collaborator -Current

* denotes funded projects which are direct extensions of projects developed by primary mentees or fellows

Molecular Epidemiology of N. gonorrhoeaea. NIH- R01-AI50217 (Raphael Viscidi) (Pediatrics)
Integrate molecular typing schemes and clinical data to define determinants of molecular evolution in cal hypervariable regions of N. gonorrhoeae 4/1/2002-3/3/2007. 10% support; \$346,045 in 2002-2003.

Identifying Antimicrobial Resistance in Neisseria Gonorrhoeae by PCR Methods. Development of methods to identify genetic resistance determinants by PCR in non-culture samples. Major subcontractor to CDC-SBIR Contract # 200-2004-09639 to Viratest (Chicago Illinois), K Reich PhD PI. Phase 1 8/04-2/05

A Network & Dyad HIV Prevention Intervention for IDUs NIH R01DA016555 (Carl Latkin PhD PI). Implement and evaluate an enhancement and modification of an HIV prevention intervention targeting sexually active injection drug users to examine its efficacy, diffusion to main risk network members, and sustainability.

***HIV/STD Network Prevention Trial in Northern Vietnam. NIH 1R01 MH64895-01 (Vivian Go Ph.D - PI)** Develop STD/HIV prevention infrastructure in Hanoi/Haiphong region 09/30/01-08/31/05 10% support;

PREVIOUS FEDERAL AND FOUNDATION FUNDING (with PI or co-PI leadership role)

Depression and HIV Risk Behavior in an STD Clinic. (E. Erbelding, PI) NIMH Define the epidemiology of depression and substance abuse in an inner-city STD clinic servicing persons at high risk for HIV. 10% Support 1998-2000.

Reinventing Surveillance Systems for Communicable Disease Prevention-Linking Morbidity, Risk Behaviors and Reproductive Health Outcomes. Centers for Disease Control. H25/CCH304322 (10/1-98-9/30/00) Integrate surveillance systems in the Baltimore City Health Department, including registry cross-matching and GIS. 20% Support; \$146,358 in FY 00.

Johns Hopkins STD Clinical Research Center Grant: Targeted Gonorrhea Control in Baltimore. NIAID 5U19AI38533 (1995-1999) Development of gonorrhea control interventions using geographic-information system (GIS) mapping technology.

JHU School of Public Health Distance Education. (1996-1999) Served as co-principal investigator (**W. Henry Mosley - PI**) on a CDC sponsored contract to the School of Public Health develop a distance learning certificate program in public health to provide for-credit courses and advanced training to public health outreach workers which is anticipated to be a full executive M.P.H. program within 2 years. Other information technology activities include the overseeing development of the STD Research Group website, and providing consultation services on development of STD-related commercial websites.

Protective Immunological Mechanisms Against STDs. NIAID 1 P01 A34582-01 (1994-1999) Principal investigator of clinical core component of Center grant. Responsibilities include development and implementation of a computerized specimen collection and inventory system to support longitudinal studies of immunity in STD clinic patients.

HIV Testing and Counseling Research –Project RESPECT. (CDC Cooperative Agreement R30/CCR307716-01) Principal investigator of 5 year (1991-1996) CDC funded cooperative agreement for a multicenter comparison of the efficacy of enhanced HIV counseling and testing compared to "standard" HIV counseling and testing in preventing high risk behaviors and STD.

U.S. Army Center for Health Promotion-Development of Geographic Information Disease Surveillance Systems. (1998) Develop model GIS-based disease surveillance system at Ft. Bragg, North Carolina for STDs and enteric diseases. \$163,000 direct costs FY98.

American Foundation for AIDS Research. AmFAR Scholar Award 700322-12-RF HIV Early Intervention in Baltimore (1992-1995).

Condom Use to Prevent STDs including AIDS. NIAID R01 AI29508 (1989-1994) Principal investigator on NIH grant to assess condom use trends in STD clinic populations.

STD Self-Treatment Study. (1993-1995) Burroughs-Wellcome.

Miscellaneous: Multiple contracts for Phase II and Phase III evaluation of pharmaceutical agents and diagnostic products.

Previous as Co-PI (Past 5 years)

*** *Ecological Risk for STDs in Adolescents and Young Adults. R01AI049530*** (J. Ellen PI-Pediatrics)

10% Support Evaluate factors in high-risk neighborhoods which facilitate STD transmission or are protective. Involves community based ethnography, field behavioral assessments, STD assessments and use of geographic information surveillance tools.

Impact of Social Networks on Syphilis Transmission. R01 AI 45724 (A Rompalo PI) Evaluate social context of syphilis transmission; implement strain-specific biological measures to define contact chains. 10% Support.

Transmissibility of GC and CT diagnosed Using NAAT. – NIH (Subcontract to Research Triangle Institute S Rogers PI) Determine transmissibility of gonococcal/chlamydial infections diagnosed by nucleic acid amplification 07/01/01-06/30/05. 15% support. \$383,348 contract costs in 2002-2003.

****Ectopy, Hormonal Contraception and STDs in Adolescents. RO1HD37785 (L. Peralta (University of Maryland) - PI)*** Prospective cohort study of 450 adolescents initiating hormonal contraception. Objective is to evaluate attributable risk of STDs, using cervicography and reference STD testing as outcomes.

EDUCATIONAL ACTIVITIES

CLASSROOM TEACHING ACTIVITIES

Johns Hopkins University Bloomberg School of Public Health

Course Director:

JHUSHPH 260.626.01 The Sexually Transmitted Diseases - Their Epidemiology and Control.

Third Quarter Term (annually, 80-90 students per term), Course Director since 1996. This course presents modules on the clinical aspects of STDs, intervention strategies for STD control in developing and developed countries, and utilization of behavioral and clinical interventions.

JHUSPH The Sexually Transmitted Diseases-Their Epidemiology and Control. DISTANCE LEARNING/FULL WEB-BASED COURSE.

Offered since 1999. <http://www.jhsph.edu/~distance/std/>
This course represents a full web-based course format using Real-Audio based lectures. All course resources are available on-line.

JHUSPH 550.872.01 Practicum in Public Health Practice. (5 credits) Academic Years 1998, 1999, 2000. Direct field experience project for Distance education students. Field projects include assessments of STD interventions, immunization interventions, policy analyses, program evaluation. Supervised development of 20-25 field projects per year.

Course Co-Director:

JHUSPH 550.610.80 Public Health Problem Solving in Professional Practice (4 credits) Summer 1997, 1998, 1999. As part of this course, gave keynote lectures on public health policy, assurance functions, communication, and assessment. Supervised development of data laboratory exercise on AIDS surveillance. In 2000-2002 I provided the core public health practice lectures.

Johns Hopkins Medical Institutions Lectures (or course lectures where I am not primary instructor) - these lectures:

- *Sexually Transmitted Infections - Pathophysiology-Infectious Diseases Modules* - Johns Hopkins Medical School (Course give to 2nd year students).
- *Control of Sexually Transmitted Diseases* JHUSPH Course on Disease Control and Prevention. Dept of International Health.
- *Herpes Simplex Infections-Virology and Clinical Aspects* JHUSPH Course: Epidemiology of Viral

Infections (Houmi Farzdegan-Course Director).

- Epidemiology of STDs JHUSPH Infectious Diseases Epidemiology Course (*K Nelson Course Director*).

CLINICAL TEACHING

- Attending Physician, Infectious Disease Consult Service, Johns Hopkins Hospital and Johns Hopkins Bayview Medical Center (1989-Present).
- Attending Physician-Baltimore City Health Department STD Program and Baltimore STD Prevention Training Center (1989-Present).
- Attending Physician JHU Moore Clinic AIDS Service 1996-2000.
- Clinical Skills Preceptorship (2nd year Medical Students) September 8, 1997 - January 5 1998, and previous years (4 times).

POSTDOCTORAL TRAINEES

1994-96	Rosemary Jadack RN, Ph.D RWJ Nursing Fellow	Current: faculty University of Wisconsin
1995-96	Mary Staat M.D.	Current - faculty at University of Cincinnati
1995-1997	Karen Becker DVM, MPH	Current position - CDC
1996-1998	Gale Burstein, MD, MPH	Current position - CDC
1998-2000	Jane Cecil, M.D.	Current position - Johns Hopkins Infectious Diseases
1998-2001	Supriya Mehta, Ph.D	Current - faculty at Boston University (with Adolescent Medicine)
2001-2003	Jerri Dyson M.D.	Current position: Asst Prof; JHU School of Medicine
2002-2004	Khalil Ghanem, M.D.	Current position: Asst. Prof: JHU School of Nursing
2002-2004	Hayley Mark, RN, PhD	With Dept of History of Medicine
2003-2005	Laura McGough, Ph.D	Director of STD/HIV - Israel Health Ministry Jerusalem
2003-2005	Daniel Chemtob, MD, MPH	
2003-2006	Aaron Goodfellow, PhD	

GRADUATE STUDENT ADVISEES AND THESIS COMMITTEE-DOCTORAL

Primary Advisees

Current

Kyle Bernstein - Ph.D. candidate - Epidemiology. Thesis topic: Epidemiology and prevention approaches for repeat gonococcal infection in Baltimore. Accepted position as faculty at New York University-Bellevue Medical Center, Department of Emergency Medicine

Rebecca Brotman - Ph.D. candidate - Epidemiology. Changes in vaginal flora after douching cessation.

Hope Johnson - Ph.D. candidate (International Health)- Sexually transmitted infections in pregnant women.

Rachel Weber - Ph.D. candidate – Epidemiology. Developing STD/HIV prevention interventions in trafficked women.

Christina Schumacher - Ph.D. candidate- Epidemiology. Modeling epidemic curves based on imputed infection date.

Previous

Denise Jacobson - Ph.D. “Quantifying Cervical Ectopy in Adolescent Hormonal Contraceptive Users and in Adolescents With and Without Chlamydial Infection” (Ph.D. awarded 1998) - Department of Epidemiology. Current position: Tufts School of Medicine Research Associate.

Supriya Mehta - Ph.D. “Understanding the Epidemiology of the Johns Hopkins Emergency Department

STD Population" (M.H.S., Department of Epidemiology 1998). (Ph.D. awarded March 2000). Current position: (as above).

Jacky Jennings - Ph.D. - Department of Epidemiology. Community Ecology of STD in Baltimore City. (Ph.D. Awarded 2002). Current position: Research Associate, JHU School of Medicine.

Jennifer Smith - Ph.D. "Investigation of Chlamydia and Herpes Simplex Virus-2 in the Etiology of Cervical Cancer" (Department of Epidemiology) (Ph.D. Awarded March 2000). Current position: Research Assistant Professor, University of North Carolina School of Public Health. Previous (2001-2004) IARC, Lyon France.

Vivian Go. - Ph.D. "Epidemiology of Reproductive Tract Infections in 2 Vietnamese Communes". (Department of Epidemiology). (Ph.D. awarded June 8, 2000). Current position: Faculty, Department of Epidemiology, Johns Hopkins School of Public Health.

Thesis Committee (Substantive input but not primary advisees)

Elizabeth O'Hanlon (JHU School of Arts and Sciences) - Molecular mechanisms of bacterial vaginosis.

Siobhan Sutcliffe (Ph.D.-2005) - Sexually transmitted infections and prostate cancer risk.

Mahboobeh Safaiean (PhD-2004) - Human papillomavirus infection in the Rakai cohort study.

Julie Anna Bettinger (Epidemiology) - The impact of STD risk perceptions and family afactors on adolescent STD risk behaviors April 4, 2003.

Aimee Kreimer (Epidemiology) - Human Papillomavirus in the pathogenesis of head and neck cancer. (Ph.D. awarded March 2003).

Amira Roess (International Health) - Sexually transmitted diseases in rural Nepal (Ph.D. awarded 2003).

Mary Rene Howell (Department of Health Policy and Management) - Cost-effectivenenss of preventions strategies for Chlamydia trachomaitis infection. (Ph.D awarded 2000).

Francisco Sifakis (Department of Epidemiology) - HIV and hepatitis infections among young men who have sex with men. (Ph.D. Defense March 8, 2002).

Emi Suzuki (Department of Population Dynamics) - Interspousal Reliability on Reports of Coital Frequency and Condom Use. (Ph.D. awarded 2001).

Mark Lurie - Migration and Spread of HIV and Other Sexually Transmitted Diseases in South Africa. (Ph.D. awarded 2001).

Keith Sabin (Department of International Health) - A study of sexually transmitted infections and associated factors in slum communities of Dhaka, Bangladesh. (Ph.D. awarded 1998).

CME INSTRUCTION (SELECTED)

Perinatal Infections-Prevention Approaches Grand Rounds-Johns Hopkins Hospital Department of OB-GYN; January 6, 2005

HPV for the Primary Care Practitioner. Hopkins-Harvard Primary Care Washington Conference, Washingotn Convention Center, Nov 11, 2004

Genitourinary Infections- Johns Hopkins Internal Medicine Board Review Course. July 2004

STDs for the Clinical Pathologist. Grand Rounds (Pathology). Johns Hopkins Hospital, June 10, 2004.

Current STD Issues for Family Planning Providers. Maryland Family Planning Conference, Clarksville, MD, April 30, 2004.

New STD Diagnostic Tests. Contraceptive Technology, Washington, DC, March 3, 2004.

Case Studies in STDs. Contraceptive Technology, Washington, DC, March 28, 2003.

Sexually Transmitted Infections and HIV. New York City AIDS Education Training Center, St. Vincent's Hospital, New York, June 21, 2002.

Management of Sexually Transmitted Infections (3 hours). National Nurse Practitioners Conference, Baltimore, November 10, 2001.

Viral STD Management-Herpes and HPV. Family Planning Council, Philadelphia, October 5, 2001.

Strategies for HIV Prevention in Women. Johns Hopkins Course: Women's Issues in HIV, November 30, 1999.

Johns Hopkins Course: Women's Issues in HIV - Strategies for HIV Prevention in Women. May 12, 1998.

Eighth Annual Johns Hopkins Course on the Clinical Care of the Patient With HIV: JHU HIV Course - "Preventing HIV Infection". March 31, 1998.

JHU School of Nursing Diagnosis, Symptom and Illness Management Course "Infectious Diseases". February 23, 1998.

Johns Hopkins Bayview Medical Center - Department of Pediatrics Grand Rounds: "Update on Congenital Syphilis". November 27, 1997.

Baltimore City Health Department STD Training Center Lectures (each given 4-5 times per year since 1990):

Gonorrhea/Chlamydia

STD Overview

Syphilis and Genital Ulcers

CLINICAL AND ACADEMIC SERVICE ACTIVITIES

CURRENT LICENSURE & BOARD CERTIFICATIONS

Maryland Physician License #D39358 [Inactive Licenses: New York 151189, Georgia 27952]

DEA# AZ2023341

Maryland CDS M34184

Board Certified ABIM Internal Medicine, (1984)

Board Certified ABIM Infectious Diseases, (1988)

SERVICE RESPONSIBILITIES

Attending Physician and Service Chief: Johns Hopkins Bayview Medical Center (since 2003).

Attending Physician-Johns Hopkins Hospital Infectious Diseases Consult Service and Outpatient Service (1989-).

Teaching Attending Physician- Johns Hopkins Department of Medicine Janeway Firm (2003-5).

Attending Physician-Baltimore City Health Department STD Program (1989-).

ORGANIZATIONAL ACTIVITIES

INSTITUTIONAL APPOINTMENTS

JHU Department of Medicine Faculty Compensation Committee. (1995-1996)
 JHU Department of Medicine Womens Task Force. (1995-1996)
 JHU School of Public Health Graduate Student Ph.D. thesis committees. (average 3 per year)
 JHU School of Public Health *ad hoc* Promotions Committee. (1997, 2004,2005)
 JHU School of Public Health Distance Education Committee.(1996-present);(Chairman 1997)
 Johns Hopkins President's Committee on Urban Health-Subcommittee Chair. (STDs and AIDS) (1998-1999)
 Johns Hopkins President's Committee on Urban Health-Executive Committee. (2000-2003)
 Johns Hopkins Urban Health Institute- Academic Advisory Committee. (2003-)
 Johns Hopkins School of Public Health-Professorial Search Committee. (Public Health Preparedness) (2003)

HOSPITAL COMMITTEES

Johns Hopkins Bayview Medical Center - Antibiotic Use Review Committee – Chair. (2003-)
 Johns Hopkins Bayview Medical Center - P&T Committee - Member. (2003-)
 Johns Hopkins Bayview Medical Center, Hospital Infection Control Committee- Chair 2003-

PROFESSIONAL SOCIETIES

American Sexually Transmitted Diseases Association
President (2003-2005)
Vice President (2001)
Executive Board Member (1997-1999)
 Infectious Disease Society of America (*Fellow*)
Public Policy Committee (1998-2000)
 Medical Society for the Study of Venereal Diseases (Great Britain)
 American Society for Microbiology
 Association of Teachers of Preventive Medicine
 American College of Physicians

REVIEW GROUPS-STUDY SECTION

NIH AAR-7 1999-2004
 HIVNET Prevention Research Group (June 1999)
 Wellcome Trust *ad-hoc* reviewer (August 2001)
 Ontario HIV Treatment Network-*ad hoc* reviewer (2002)
 Medical Research Council of the United Kingdom; External Reviewer (2002-2003)
 NIH K30 Postdoctoral Clinical Research Grants Program-Special Emphasis Panel (June 9-11, 2004)

EDITORIAL ACTIVITIES

(Reviewer activities in past 3 years)
Sexually Transmitted Infections (Associate Editor; 1995- 2005)
Sexually Transmitted Diseases (Editorial Board 1990 - present)
Substance Use and Misuse (editorial board 2002-)
 JAMA (Reviewer)
 New England Journal of Medicine (Reviewer)
 American Journal of Public Health (Reviewer)
 Journal of Infectious Diseases (Reviewer)
 American Journal of Public Health (Reviewer)
 American Journal of Epidemiology (Reviewer)
 Journal of Urban Health
 AIDS (Reviewer)
 AIDS Prevention and Behavior

Journal of Acquired Immune Deficiency Syndromes
Journal of Clinical Microbiology
Clinical Infectious Diseases
Reviews of Infectious Diseases (Guest Editor 1990)
Epidemiology
Vaccine
U.S. Preventive Services Task Force (Consultant-Reviewer) (1995)
United States Pharmacopoeia Drug Evaluations (Reviewer) (1997)

MAJOR EXPERT COMMITTEE, CONFERENCE & CONSULTANCY EXPERIENCE:

Leadership

Co-Coordinator: Control of Antibiotic Resistant Gonorrhea - CDC Expert Panel Atlanta (1986)
Project Coordinator: 1989 STD Treatment Guidelines-CDC Expert Panel, Atlanta (1989)
Co-Chairman: U.S. Office of Substance Abuse Treatment: Expert Panel-Simple Infectious Disease Screening Instruments for Alcohol and Drug Abuse Outreach Workers (1993)

Expert Panel/Consultancies

- CDC Representative: *Oral Health Programme Panel on Infection Control*, WHO, Geneva (1987)
- *1993 STD Treatment Guidelines-CDC Expert Panel*, Atlanta (1993)
- Institute of Medicine Study Committee for the Prevention and Control of Sexually Transmitted Diseases, Washington DC, 1995.
- *Center for Substance Abuse Treatment -Research Agenda Consensus Panel-1996*
- *1998 STD Treatment Guidelines-CDC Expert Panel*, Atlanta, 1997
- *Reproductive Health Guidelines Development Committee*; US Office of Population Affairs and CDC Joint Committee, Washington, 1997
- *Healthy People 2010 Subcommittee on STDs and Reproductive Health*; USDHHS, Washington.
- National Institutes of Health *Workgroup on Behavioral and Biological Outcomes in HIV/STD Prevention Studies*. December 10-11, 1998.
- Centers for Disease Control, Division of *STD Prevention, External Research Review Panel*, January 7-8, 1999
- Centers for Disease Control, Division of *STD Prevention-Advisory Panel on Human Papillomavirus Infection*. April 13-14, 1999
- Centers for Disease Control: National Center for STD, HIV and TB Prevention, *Research Priorities Advisory Panel*, October 28-29, 1999
- National Institute of Mental Health *Collaborative International HIV/STD Prevention Trial-Biological Outcomes Working Group*
- *2001 STD Treatment Guidelines –CDC Expert Panel*, Atlanta September, 2000
- *The Network Paradigm in Research on Drug Abuse, HIV and other Blood-Borne and Sexually Transmitted Infections*. National Institute on Drug Abuse, May 2001
- CDC Expert Panel-*Developing Prevention/Intervention Strategies for Gonococcal Infections*-October 10-11, 2001
- *Developing an Ethics Framework for Public Health Research*-CDC Consultant January 27-28 2002
- *Maryland Commission on Infant Mortality Prevention*-October 2001-STD/Reproductive tract Infections consultant
- *HPV Vaccine in Men*: Merck Inc. Consultancy Panel June 7, 2002; October 10, 2002
- NIMH-NICHD Workshop: *Critical Issues in Study Design for Research on Condoms and Prevention of STIs* Dec 9-10, 2002
- NICHD Workshop: *Dual Protection-Preventing Disease and Protecting Fertility*; January 9-10 2003
- NIAID- HIV Prevention Trials Network External Review, Bethesda, Jan 22-23 2003
- Infectious Diseases Advisory Committee-Baltimore City Health Department Office of Public Health Preparedness and Response. November 20, 2003

- CDC Sexually Transmitted Infections Laboratory Branch, External Review Nov 12-13 2003
- CONRAD/NICHHD Advisory- Evaluation of Markers of Intercourse in trials of vaginal barriers. Washington DC June 15, 2004
- DC Appleseed Foundation-Evaluation of District of Columbia HIV Prevention and Treatment Services. 2004

CONFERENCE ORGANIZER

STI at the Millennium: The First Joint Conference of the Medical Society for the Study of Venereal Diseases (United Kingdom) and the American STD Association.

Coordinated large international scientific meeting in May 2000. Components included organizing 6 symposia with 16 plenary speakers, 175 accepted papers including 25 oral presentations and 150 posters, and organizing peer review of submitted papers. Administrative responsibilities included supervising communication with >650 attendees and 13 commercial exhibitors, soliciting and raising funds, negotiating contracts with hotel, airline, transportation, premium item and catering vendors, hiring and supervising staff, handling international currency transactions, and organizing 5 major social events during the course of the meeting.

2004 STD National Conference, Philadelphia PA. March 8-11 2004. >1500 attendees, coordinated with CDC in developing program, abstracts. Had primary responsibility for organizing meeting logistics and budget as CDC primary partner organization. Coordinated 6 satellite symposia with major meeting sponsors

Conference Co-Organizer

2004 Second Joint Meeting of American STD Association and British Association for Sexual Health and HIV, Bath United Kingdom. 420 attendees. Responsible for developing meeting program and local coordination.

Symposium Convenor

Circumcision and HIV Transmission Risk -Symposium at the International Society for STD Research; Berlin June 2001

Major Conference Scientific Committee:

- International Society for STD Research (ISSTD); Berlin; 2001
- 8th IUSTI/Sexually Transmitted diseases / AIDS World Congress December 2-5 2003; Montivideo

RECOGNITION

HONORS

U.S. Public Health Service Commendation Medal-1988

U.S. Public Health Service Unit Citation - 1990

American Foundation for AIDS Research (AmFAR) Scholar Award 1992-1995

CDC Charles C. Shepard Science Award 1999 (with Kamb and other co-authors of paper #47)

INVITED REVIEWS (AS ABOVE)

Invited Symposia/Plenary Speaker (selected)

STDs and the Media- Presentation to Kaiser Foundation Journalism Internship Program. National Press Club, Washington, DC June 7, 2005 (every year since 1999)

Retooling your Program for the 21st Century. Invited plenary-National Council of STD Directors National Meeting, Baltimore October 6, 2004

Behavioral Approaches to STD Control-What works and what doesn't. Invited Plenary- 13th International

Union against STIs Asia Pacific Conference. July 9, 2004, Chiang Mai Thailand

Politics of Sexual Health in the United States. Invited plenary to 2004 Joint ASTDA-BASHH conference, Bath UK. May 21, 2004

Treatment Options (or lack of) for Quinolone Resistant gonococcal infections. 2004 Joint ASTDA-BASHH conference, Bath UK. May 19, 2004

Current Public Health Issues in Managing HPV. Plenary to 2004 National STD Conference, Philadelphia. March 10, 2004

STDs in Men. 2003 Conference on African Americans and AIDS, New York, Feb 25, 2003, also Feb 24, 2004 (every year since 1997)

STD Trends in the United States Israel Defense Force –Israel Center for Disease Control Joint Epidemiology Conference; July 3, 2002

Population-Based Approaches to STD Ascertainment. University of Pittsburgh Grand Rounds (Dept OB-GYN). May 21, 2002

Chlamydia as an independent risk factor for cervical cancer. Satellite Symposium. Annual Meeting of the American College of Obstetricians and Gynecologists, Chicago, May 1, 2001

STD Case Studies Contraceptive Technology, Washington DC March 16, 2001

Men, Women and Sexually Transmitted Diseases 2001 National Conference on African Americans and AIDS, Washington, Feb 19, 2001

Sexually Transmitted Diseases in Victims of Sexual Assault-Assessment and Forensic Applications. US Attorney for the District of Columbia and Metropolitan Police Department (DC). February 2, 2001

Validity of Self Reported Behavior in Surveys-Molecular Validation Techniques. Infectious Diseases Grand Rounds, Harborview Medical Center, Seattle WA January 25, 2001

Asymptomatic Bacterial STDs in Baltimore-Medical Grand Rounds, Johns Hopkins Hospital, January 12, 2001

Biological Markers of Sexual Behavior-Implications for Survey Research Center for AIDS Intervention Research, Medical College of Wisconsin, Milwaukee Dec 7, 2000

Community-Based STD Surveys-Linkages Between Behavior and Biology. 38th Meeting of the Infectious Diseases Society of America-Invited Symposium Speaker. September 7, 2000

Diagnosis and Treatment of STIs in Men. Association of Reproductive Health Professionals-*Reproductive Health 2000*, Chicago, September 13, 2000

Applications of GIS to STD Control- Israel Center for Disease Control. Tel Aviv, August 27, 2000

Practical Behavioral Approaches for STD Risk Reduction. Pittsburgh-Magee STD Symposium (Keynote Speaker) June 14, 2000

Population-Based Approaches to Chlamydia Control Grand Rounds-Magee-Women's Hospital-University of Pittsburgh. June 13, 2000

Using Geographic Information Systems to Identify Health Priorities in an Urban Setting. State University of New York Health Science Center at Brooklyn-Infectious Diseases Grand Rounds: April 11, 2000

The STD/HIV Connection in Urban African Americans. Second Conference on African Americans and AIDS; Washington, February 25, 2000

Epidemiology of STDs and HIV in the Inner City Grand Rounds for the Infectious Diseases Division as Visiting Professor- University of Miami, and the Dade County Health Department, Miami FL December 16-17, 1999

"Epidemiology and Clinical Implications of HPV". National Council of La Raza Symposium, Washington, DC-December 13, 1999

"HIV-STD Prevention Currents". North Dakota Department of Health Annual Conference-Invited keynote speaker. October 25, 1999 Bismarck, ND

"STD Epidemiology in the United States-The Experience with GIS" Grand rounds for Department of Genitourinary Medicine: University of Southampton, Southampton U.K. July 29, 1999

"The HIV-STD Connection-Implications for the Inner City" First Conference on AIDS in African-Americans Washington, DC. February 25, 1999

"STDs in U.S. Inner Cities-a Developing Country Within Our Midst?". Plenary Lecture to the Infectious Diseases Society of America, October 14, 1998 (Denver Colorado)

'Epidemiological Basis of STD Control Strategies' – Plenary Lecturer 28th Nordic Dermatological Congress, Bergen Norway, June 5, 1998

"Ethnicity and STDs" Plenary Lecturer- 75th Meeting of the Medical Society for the Study of Venereal Diseases (United Kingdom), Oxford, United Kingdom July 4, 1997.

"Surveillance for Sexually Transmitted Diseases" 1997 U.S. Army Preventive Medicine Officers' Symposium. Walter Reed Army Institute of Research, Washington, September 22, 1997

"Sexually Transmitted Diseases-An Issue for Lesbians?" Institute of Medicine Workshop on Lesbian Health Research Priorities, Washington DC, October 6, 1997

"Intersecting Epidemics of Substance Use, Mental Illness, and High-Risk Sexual Behavior". Keynote lecture for National Institute of Mental Health Conference: "Interactions of Comorbid Mental Health Factors with High-Risk Sexual Behaviors. Bethesda, MD April 29, 1998

LEGISLATIVE TESTIMONY

Maryland House of Delegates- 1995. Testified to support bill to make chlamydia reportable in Maryland.

Maryland House of Delegates 2004- Testified in favor of Women's Health Initiative to develop a cervical cancer task force

US Congress-House Government Reform Committee. (March 10, 2004). Testified on invitation to comment on legislation to control HPV infection

PUBLIC HEALTH EXPERIENCE and COMMUNITY ACTIVITIES [outside Hopkins]

U.S Attorney for the District of Columbia 1990-present. Consultant and Trainer to the U.S. Attorney (District of Columbia) for interpretation and court testimony of STD evidence in evidence collection and interpretation for sexual assault and child abuse cases.

Georgia Division of Public Health. 2001-3 . Consultant to the Director of Public Health in assessment and development of STD/HIV prevention initiatives and establishing programs within the State Corrections system. 2004- Evaluation of State response to syphilis epidemic

AT U.S. Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation, Senior Medical Advisor.(1995-1997) As physician consultant in the Division of Public Health Policy, provided input into development of health legislation and regulatory initiatives, and provide staffing support for senior government officials. Briefed senior Administration officials on public health issues, especially as they related to managed care initiatives. Provided technical support to review of State 1115 waiver (Medicaid Managed Care) applications. Oversaw for a policy research agenda focusing on the evaluation of reproductive health, STD, and HIV prevention programs in the changing health care environment. Supervised contractual policy research project: *Public Health Laboratories and Health Systems Change* (produced by The Lewin Group as contractor to the Government). Initiated major study of infectious diseases surveillance capacity.

At Baltimore City Health Department:

Chief, STD Program- Baltimore City Health Department (1993-1995). Medical and administrative director of large urban STD program with over 30,000 patient visits, approximately 100 staff and annual budget >\$4,000,000. Supervisory responsibility for 3 physicians and 12 midlevel practitioners (NP/PA). Included responsibility for recruitment and supervision of clinical and managerial personnel, budget preparation, grant preparation and negotiation with state, federal and local funding sources.

Medical Director, Druid STD Clinic (1989-1993). Activities include supervision of clinicians and public health outreach workers, coordination of research and service activities, and education activities as a CDC designated STD Training Center, and teaching medicine and physician assistant students, and residents from internal medicine, preventive medicine and infectious disease. Implemented a computerized medical record system which has fully automated STD clinic and laboratory activities.

HIV Early Intervention Initiative (1991-1994) Developed and implemented an HIV early intervention medical care and case management model at public health STD clinic. Developed clinical protocols and care manuals, supervised clinical training of medical and support staff. Integrated social workers into routine STD clinic operations including development of an on-site case management model. Funded program through successful application for competitive HRSA Ryan White Title I and Title III funds [See Reference 27].

At the Centers for Disease Control (1985-1989)

Coordinated the publication of the *CDC 1989 Sexually Transmitted Disease Treatment Guidelines*, including convening a panel of independent academic and public health experts, coordinating editing and publishing the document and review background papers and coordinating policy development with

federal, state, and local health officials and with the World Health Organization. Have since served as a consultant on subsequent panels in 1993 and 1997.

Developed, arranged funding for, and implemented the *CDC National Gonorrhea Isolate Surveillance Project*, a consortium of 21 clinics and four laboratories which monitor antimicrobial susceptibility in *Neisseria gonorrhoeae* (6,000 isolates/year). Implementation included negotiating with 21 state and local project areas, writing the administrative and technical protocols, developing computerized data management capabilities for field sites, and developing the analysis software packages.

Supervised *field epidemiologic investigations* (EPI-AIDS) of epidemic antibiotic-resistant gonorrhea in Miami (1989-86) and Detroit (1987), and of epidemic syphilis in Las Vegas (1988).

Additional administrative responsibilities included: Technical consultation and training public health services provided to State and local governments; Federal Program Review of State public health programs; Liaison with media (TV, radio, and print press) including conducting live televised news conferences.

At: New York City -Office of the Chief Medical Examiner (1983-85)

Medical Investigator- Part time-position field case investigator in Manhattan. Responsibilities included describing case scenes, liaison with police agencies, collecting evidence, and death certification when appropriate.

COMMUNITY ACTIVITIES

Chairman-Baltimore City Public Schools Health Education Advisory Committee 2002-2004

Baltimore City Public Schools Health Education Advisory Committee (Member 1999-2001)

Historic East Baltimore Community Action Coalition (HEBCAC) Health Subcommittee 1996-98

Region 3 Infertility Prevention Planning Group (Family Planning of Southeastern Pennsylvania) 1999-2000

STD/HIV Prevention Lecturer at Baltimore City High Schools 1999-

STD/HIV Prevention Seminar Leader at Maryland State Penitentiary (Inmate Education Programs) 1999-

Cornell Ambassadors and Alumnus Interviewer 1997-

