

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Peter Anthony Leone		POSITION TITLE Associate Professor of Medicine	
eRA COMMONS USER NAME			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Combined BS/MD Program- Kent State University	BS	1982	Integrated Life Sciences
Northeastern Ohio Universities College of Medicine	MD	1982-1983	Medicine
Akron City Hospital	Internship	1983-1984	Internal Medicine
Akron City Hospital	Residency	1984-1986	Internal Medicine
Wake Forest University, Bowman Gray School of Medicine	Fellowship	1986-1988	Infectious Diseases

NOTE: The Biographical Sketch may not exceed four pages. Items A and B (together) may not exceed two of the four-page limit. Follow the formats and instructions on the attached sample.

A. Positions and Honors. List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

Positions

1983-87 Internship and Residency, Akron City Hospital
 1988-1992 Clinical Instructor, Department of Medicine, Division of Infectious Diseases, Bowman Gray School of Medicine, Wake Forest University
 1992-1995 Clinical Assistant Professor of Medicine, University of North Carolina at Chapel Hill
 1992 – Medical Director of HIV/STD Clinics, Wake County Health Department
 1995 – Director of Wake County STI Clinical Trials Unit, University of North Carolina at Chapel Hill
 1995 – Assistant Professor of Medicine, University of North Carolina at Chapel Hill
 1998 – 2000 Medical Director, Wake County Human Services TB Program
 2001-pres Medical Director, North Carolina HIV/STD Prevention and Control Branch

B. Selected peer-reviewed publications (in chronological order). Do not include publications submitted or in preparation.

Caldwell SE, McCall CE, Hendricks CL, **Leone PA**, Bass DA, McPhail LC. Reconstitution of defects in phosphorylation of a 48 Kd protein and NAPH oxidase activity in neutrophils from a patient with chronic granulomatous disease. J Clin Invest 1987;81:1485-1486.

Peacock JE, Pegram PS, Weber SF, **Leone PA**. Prospective, randomized comparison of sequential intravenous followed by oral ciprofloxacin with intravenous ceftazidime in the treatment of serious infections. Am J Med 1989; 87(suppl 5a): 185-190.

McPhail LC, Stoum SL, Ellenburg M, Quallionine-Mann D, Agwu DE, McCall CE, **Leone PA**. Molecular mechanism of activation of leukocyte superoxide production. J Cell Biochem 1991;suppl 15C: 203.

Leone PA, Fiscus L, Williams D, Foust Em, Moser JM. Chlamydia Screening Practices of Primary-Care Providers- Wake County, North Carolina, 1996. MMWR Weekly Report; September 5, 1997/Vol 46/No.35 p. 821-822.

- Celum CL, Bolan G, Krone M, Code K, **Leone PA**, Spalding C, Henry K, Clarke P, Smith M, Hook EW. Patients Attending STD Clinics in an Evolving Health Care Environment. Demographics, Insurance Coverage, Preferences for STD Services, and STD Morbidity. *Sex Trans Dis* 1997;24:599-605.
- Hook EW, Richey CM, **Leone PA**, Bolan G, Spalding C, Henry K, Clarke P, Smith M, Celum CL. Delayed Presentation to Clinics for Sexually Transmitted Diseases by Symptomatic Patients. *Sex Trans Dis* 1997;24:443-448.
- Irwin DE, Thomas JC, Spitters CE, **Leone PA**, Stratton JD, martin DH, Zenilman JM, Schwebke JR, Hook EW. Self-treatment patterns among clients attending sexually transmitted diseases clinics and the effects of self-treatment on STD symptom duration. *Sex Trans Dis* 1997; 24 (6): 372-377.
- Carels RA, Baucom PH, Rigney A, **Leone PA**. Psychosocial Factors and Psychological Symptoms: HIV in a Public Health Setting. *Journal of community Psychology* 26: 145-162, 1998
- Jones RB, Schwebke J, Thorpe EM Jr., Dalu ZA, **Leone P**, Johnson RB. Randomized trial of trovafloxacin and ofloxacin for single-dose therapy of gonorrhea. *American Journal of Medicine* 1998; 104(1): 28-32.
- Corey L, Langenberg AGM, Ashley R, Skulovich RE, Izu AE, Douglas JM Jr, Handsfield HH, Warren T, Marr L, Tyring S, DiCarlo R, Adimora AA, **Leone P**, Dekker CL, Burke RL, Leong WP, Straus SE. Recombinant Glycoprotein Vaccine for the Prevention of Genital HSV-2 Infection: Two Randomized Controlled Trials. *JAMA* 1999; 282 (4): 331-340.
- Fox KK, **Leone PA**. Epidemiology and pathogenesis of *Neisseria gonorrhoeae* infection. Up ToDate.; pages 5; 2000.
- Miller WC, Hoffman IF, Owen-O'Dowd J, McPherson JT, Privette A, Schmitz JL, Woodlief G, **Leone PA**. Selective Screening for Chlamydial Infection: Which Criteria to Use? *Am J Prev Med* 2000; 18(2): 115-122.
- Leone PA**, Trottier S, Miller JM. A Comparison of Oral Valaciclovir 500 mg Twice Daily for Three Days or Five Days in the Treatment of recurrent Genital Herpes. (submitted for publication); pages 12; 2001.
- Anderson JE, **Leone PA**, Miller WC, Chen C, Hobbs MM, Sparling PF. Selection for expression of the gonococcal hemoglobin receptor during menses. *J Infect Dis*. 2001 Dec 15;184(12):1621-3. Epub 2001 Nov 06.
- Pilcher CD, McPherson JT, **Leone PA**, Smurzynski M, Owen-O'Dowd J, Peace-Brewer AL, Harris J, Hicks CB, Eron JJ Jr, Fiscus SA. Real-time, universal screening for acute HIV infection in a routine HIV counseling and testing population. *JAMA*. 2002 Jul 10;288(2):216-21.
- Leone PA**, Trottier S, Miller JM. Valacyclovir for episodic treatment of genital herpes: a shorter 3-day treatment course compared with 5-day treatment. *Clin Infect Dis*. 2002 Apr 1;34(7):958-62. Epub 2002 Feb 20.
- Turner CF, Rogers SM, Miller HG, Miller WC, Gribble JN, Chromy JR, **Leone PA**, Cooley PC, Quinn TC, Zenilman JM. Untreated gonococcal and chlamydial infection in a probability sample of adults. *JAMA*. 2002 Feb 13;287(6):726-33.
- Kaydos SC, Swygard H, Wise SL, Sena AC, **Leone PA**, Miller WC, Cohen MS, 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*. 2002 Jan;40(1):89-95.
- Hightow LB, Miller WC, **Leone PA**, Wohl D, Smurzynski M, Kaplan AH. Failure to return for HIV posttest counseling in an STD clinic population. *AIDS Educ Prev*. 2003 Jun;15(3):282-90.
- McElroy PD, Southwick KL, Fortenberry ER, Levine EC, Diem LA, Woodley CL, Williams PM, McCarthy KD, Ridzon R, **Leone PA**. Outbreak of tuberculosis among homeless persons coinfecting with human immunodeficiency virus. *Clin Infect Dis*. 2003 May 15;36(10):1305-12. Epub 2003 May 09.
- Donovan BJ, Rublein JC, **Leone PA**, Pilcher CD. HIV infection: point-of-care testing. *Ann Pharmacother*. 2004 Apr;38(4):670-6. Epub 2004 Feb 27. Review.
- Swygard H, Miller WC, Kaydos-Daniels SC, Cohen MS, **Leone PA**, Hobbs MM, Sena AC. Targeted screening for *Trichomonas vaginalis* with culture using a two-step method in women presenting for STD evaluation. *Sex Transm Dis*. 2004 Nov;31(11):659-64.
- Law DC, Serre ML, Christakos G, **Leone PA**, Miller WC. Spatial analysis and mapping of sexually transmitted diseases to optimize intervention and prevention strategies. *Sex Transm Infect*. 2004 Aug;80(4):294-9.

Principal Investigator/Program Director (Last, First, Middle): PI Name

Hightow LB, Miller WC, **Leone PA**, Wohl DA, Smurzynski M, Kaplan AH. Predictors of repeat testing and HIV seroconversion in a sexually transmitted disease clinic population. *Sex Transm Dis*. 2004 Aug;31(8):455-9.

Tilson EC, Sanchez V, Ford CL, Smurzynski M, **Leone PA**, Fox KK, Irwin K, Miller WC. Barriers to asymptomatic screening and other STD services for adolescents and young adults: focus group discussions. *BMC Public Health*. 2004 Jun 09;4(1):21.

Pilcher CD, Fiscus SA, Nguyen TQ, Foust E, Wolf L, Williams D, Ashby R, O'Dowd JO, McPherson JT, Stalzer B, Hightow LB, Miller WC, Eron, JJ., Cohen MS, and **Leone PA**. Detection of acute HIV infections in the general HIV testing population in North Carolina, *NEJM*. May 5, 2005; 352:1873-1883.