

BIOGRAPHICAL SKETCH

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NAME Arheart, Kristopher L.	POSITION TITLE 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
Kansas State University	BS	1970	Computer Science
Kansas State University	MS	1973	Computer Science
Kansas State University	MS	1978	Statistics
University of Memphis	EdD	1993	Research Methods/ Statistics

A. POSITIONS AND HONORS**Positions and Employment**

1970-1980 Manager of Information Services, Programmer III - Applications Analyst, Programmer II - Applications Programmer, Kansas State University
 1980-1983 Academic Computer Center Director, Washburn University
 1983-1995 Assistant Professor, Systems Manager, Research Associate, Senior Systems Analyst, University of Tennessee Health Science Center
 1995-1998 Senior Biostatistician, The Cleveland Clinic Foundation
 1998-2002 Assistant Professor, University of Tennessee Health Science Center
 2002-2004 Research Assistant Professor, University of Miami School of Medicine
 2004-2005 Research Scientist, The University of Texas at Austin, School of Nursing
 2005-present Research Associate Professor, University of Miami Miller School of Medicine

B. SELECTED PEER-REVIEWED PUBLICATIONS (in chronological order)

- Arheart, K. L., & Pretty, I. A. (2001). Results of the 4th ABFO bite mark workshop – 1999. *Forensic Science International*, 124, 104-111.
- Obuchowski, N. A., Applegate, K. E., Goske, M. J., Arheart, K. L., Myers, M. T., & Morrison, S. (2001). The differential diagnosis for multiple diseases: Comparison to the binary-truth state experiment in two empirical studies. *Academic Radiology*, 8, 947-954.
- Ramanathan, J., Vaddadi, A. K., & Arheart, K. L. (2001). Combined spinal-epidural anesthesia with low doses of intrathecal bupivacaine in women with severe preeclampsia: A preliminary report. *Regional Anesthesia and Pain Medicine*, 26, 46-51.
- de los Santos, N. M., Ault, B. H., Gharavi, A. G., Kritchevsky, S. B., Quasney, M. W., Jackson, E. C., et al. (2002). Angiotensin-converting enzyme genotype and outcome in pediatric IgA nephropathy. *Pediatric Nephrology*, 17, 496-502.
- Fernandez, M. I., Bowen, G. S., Perrino, T., Royal, S., Mattson, T., Cohn, S., et al. (2003). Promoting HIV testing among never tested Hispanic men: A doctor's recommendation may suffice. *AIDS and Behavior*, 7, 253-262.
- Owens, B. M., Lim, D. Y., & Arheart, K. L. (2003). The effect of antimicrobial pre-treatments on the performance of composite resin restorations. *Operative Dentistry*, 28, 716-722.
- Velasquez-Mieyer, P. A., Cowan, P. A., Arheart, K. L., Buffington, C. K., Spencer, K. A., Connelly, B. E., et al. (2003). Suppression of insulin secretion is associated with weight loss and altered macronutrient intake and preference in a subset of obese adults. *International Journal of Obesity*, 27, 219-226.
- Arheart, K. L., Sly, D. F., Trapido, E. J., Rodriguez, R D., & Ellestad, A. J. (2004). Assessing the reliability and validity of anti-tobacco attitudes/beliefs in the context of a campaign strategy. *Preventive Medicine*, 39, 909-918.

- Collado-Mesa, F., Barcelo, A., & Arheart, K. (2004). Type I diabetes in Latin America: An ecological analysis. *Pan American Journal of Public Health, 15*, 388-394.
- Fernández, M. I., Collazo, J. B., Hernández, N. G., Bowen, G. S., Varga, L. A., Vila, C. K., et al. (2004). Predictors of HIV risk among Hispanic farm workers in south Florida: Women are at higher risk than men. *AIDS and Behavior, 8*, 165-174.
- McCoy, C. B. Metsch, L. R., Collado-Mesa, F., Arheart, K. L., Messiah, S. E., Katz, D. & Shapshak. P. (2004). IV drug users and HIV-1/HCV co-infection. *Memorias Do Instituto Oswaldo Cruz, 99*, 789-93.
- Pourcyrus, M., Bada, H. S., Blaho, K. E., Randolph, M. M., Parfenova, H., Mandrell, T. D., et al. (2004). Chronic prenatal exposure to cocaine alters cerebrovascular responses in newborn pigs. *Experimental Biology and Medicine, 229*, 819-825.
- Regev, A., Molina, E., Moura, R., Benjarano, P. A., Khaled, A., Ruiz, P., et al. (2004). Reliability of histopathological assessment for the differentiation of recurrent hepatitis C from acute rejection after liver transplantation. *Liver Transplantation, 10*, 1233-1239.
- Sly, D., Borgen, C., Nelson, D., McKenna, J., Trapido, E., Arheart, K., et al. (2004). Effect of ending an anti-tobacco youth campaign on adolescent's intentions to smoke – Minnesota, 2002-2003. *Morbidity and Mortality Weekly Report, 53*, 301-304.
- Sly, D., Borgen, C., Nelson, D., McKenna, J., Trapido, E., Arheart, K., & Dietz, N. (2004). Effect of ending an anti-tobacco youth campaign on adolescent's intentions to smoke – Minnesota, 2002-2003. *Journal of the American Medical Association, 291*, 2422-3.
- Steele, J., Matos, L. A., Lopez, E. A., Perez-Pinzon, M. A., Prado, R., Busto, R., et al. (2004). A pilot study of hyperbaric oxygen therapy for amyotrophic lateral sclerosis. *ALS and Other Motor Neuron Diseases, 5*, 250-254.
- Walker, L. O., Freeland-Graves, J. H., Milani, T., Hanss-Nuss, H., George, G., Sterling, B. S., et al. (2004). Weight and behavioral and psychosocial factors among ethnically diverse, low income women after childbirth. I. Methods and context. *Women & Health, 40*, 1-17.
- Walker, L. O., Freeland-Graves, J. H., Milani, T., George, G., Hanss-Nuss, H., Sterling, B. S., et al. (2004). Weight and behavioral and psychosocial factors among ethnically diverse, low income women after childbirth. II. Trends and correlates. *Women & Health, 40*, 19-34.
- Winsett, R. P., Arheart, K. L., Stratta, R. J., Alloway, R., Wicks, M. N., Gaber, A. O., et al. (2004). Evaluation of an immunosuppressant side effect instrument. *Progress in Transplantation, 14*, 210-216.
- Cashion, A., Holmes, S. L., Arheart, K. L., Acchiardo, S., & Hathaway, D. (2005). Heart rate variability and mortality in end-stage renal disease. *Nephrology Nursing Journal, 32*, 173-84.
- Jacob, B. G., Arheart, K. L., Griffith, D. A., Mbogo, C. M., Githeko, A. K., Regens, J. L., Githure, J. L., Novak, R., & Beier, J. C. (2005). Evaluation of environmental data for identification of Anopheles (Diptera: Culicidae) aquatic larval habitats in Kisumu and Malindi, Kenya. *Journal of Medical Entomology, 42*, 751-5.
- Lee, D. J., Arheart, K. L., Trapido, E., Soza-Vento, R., & Rodriguez, R. (2005). Accuracy of parental and youth reporting of secondhand smoke exposure: The Florida Youth Cohort Study. *Addictive Behaviors, 30*, 1555-62.
- Owens, B. M., Lim, D. Y., & Arheart, K. L. (2005). Effect of residual caries disclosing solutions on microleakage of a dental adhesive system. *Quintessence International, 36*, 169-76.
- Penticuff, J. H. & Arheart, K. L. (2005). Effectiveness of an intervention to improve parent-professional collaboration in neonatal intensive care. *Journal of Perinatal & Neonatal Nursing, 19*, 187-201.
- Sly, D. F., Arheart, K. L., Dietz, N., Trapido, E. J., Nelson, D., Rodriguez, R., McKenna, J., & Lee, D. (2005). The outcome consequences of defunding the Minnesota Youth Tobacco-Use Prevention Program. *Preventive Medicine, 41*, 503-10.
- Khanna, A., Walker, G., Livingstone, A. S., Arheart, K., & Koniaris, L.G. (2005). Does adjuvant 5-FU prolongs survival following pancreaticoduodenectomy? A meta-analysis. In press *Journal of Gastrointestinal Surgery*.
- Lee D.J., Fleming L.E., Gómez-Marín O., LeBlanc W.G., Arheart K.L., Caban, A.J., Christ S.L., Chung-Bridges K., Pitman T. (2005). Morbidity ranking of US workers employed in 206 occupations: The National Health Interview Survey (NHIS) 1986-1994. *JOEM 2006;48:117-134*.
- McDougall, G. G., Becker, H., & Arheart, K. L. (2005). Older males, cognitive function, and alcohol consumption. In press *Issues in Mental Health Nursing*.

- McDougall Jr., G. J., Becker, H., & Arheart, K. L. (2005). Older adults in the SeniorWISE study at risk for mild cognitive impairment. *Archives of psychiatric Nursing*.
- Perrino, T., Fernandez, M. I., Bowen, G. S., & Arheart, K. (2005). African American women's attempts to convince their main partner to use condoms. In press *Cultural Diversity & Ethnic Minority Psychology*.
- Perrino T., Fernandez, M. I., Bowen, G. S., & Arheart, K. (2005). Main partner's resistance to condoms and HIV protection among disadvantaged, minority women. In press *Women & Health*.
- Walker, L. O., Sterling, B. S., Kim, M., & Arheart, K. L. (2005). Trajectory of Weight Changes in the First 6 Weeks Postpartum and Associated Variables. In press *Journal of Obstetric, Gynecologic, and Neonatal Nursing*.
- Wilkinson J. D., Arheart K. L., & Lee D. L. (2005). Accuracy of parental reporting of secondhand smoke exposure: The National Health and Nutrition Examination Survey III. In press *Nicotine & Tobacco Research*.

RESEARCH SUPPORT

Ongoing

1 R01 OH003915 Fleming (PI) 2005 - 2007
 National Institute for Occupational Health and Safety
 Surveillance of Mortality and Morbidity in US Workers
 This project will analyze data from the National Health Interview Surveys 1986-2002 to determine the relationship between occupation and functional status. Linkage with the National Death Index through 2001 will also permit examination of mortality experience by occupation.

Completed

Minnesota Department of Health Trapido (PI) 2002-2004
 Evaluation of the Target Market Campaign
 Role: Statistician

Minnesota Partners for Action Against Tobacco Sly (PI) 2003-2004
 MPAAT Media Campaign Evaluation
 Role: Statistician

Flight Attendant Medical Research Institute (FAMRI) Lee (PI) 2002-2004
 FAMRI 2001: Influence of Environmental Tobacco Smoke on Health Status of Youth
 Role: Statistician

LHS, Inc. Arheart (PI) 2000-2002
 Court Appointed Special Advocates (CASA) of Memphis and Shelby County Program Evaluation
 Role: Co-Principal Investigator

American Heart Association Romano (PI) 2003-2005
 Composition and Pathogenic Implication of Emboli in Subarachnoid Hemorrhage
 Role: Statistician

Flight Attendant Medical Research Institute (FAMRI) Lee (PI) 2003-2005
 FAMRI 2002: Serum Cotinine in Middle Ear Disease in Children and Adolescents
 The National Health and Nutrition Examination Survey III
 Role: Statistician

5R01AG015384-05 McDougall (PI) 2004-2005
 National Institute of Aging, NIH
 Improving Everyday Memory in At-Risk Elderly
 Role: Statistician