

CURRICULUM VITAE

Guoyan Zhang, MD, MPH
Senior Epidemiologist/Coordinator

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Higher Education

Medical School: Shanxi Medical University, Shanxi, P.R.C.
Medical Doctorate **1978-1982**

Graduated School: Xi'an Medical University, Xi'an,
Master of Health Statistics **1987-1990**

University of Miami School of Medicine
Department of Psychiatry
Division of Metabolism and Disease Prevention
NIH Postdoctoral Fellowship **1995-1997**

Professional Training

Health Administration and Statistics
Huaxi Medical University, China **1985**

Biostatistics
Toji Medical University **1985**

Advanced ArcView GIS
University of South Florida **2000**

Mistake-Free Grammar and Proofreading
Miami **2000**

ISP Interpreter Level I Training
Florida International University **2001**

Access 2000-Level 3 Training
New Horizons Computer Learning Center **2003**

ArcGIS Spatial Analyst
West Palm Beach 2004

Advanced ArcGIS
West Palm Beach 2004

Professional Experience

Academic Positions: Miami-Dade County Health Department
Office of Epidemiology and Disease Control
Senior Epidemiologist/Coordinator
of Data Management and Analysis 1999-Present

Member of Comprehensive Assessment for
Tracking Community Health Technical
Advisory Committee 2003-2004

Member of Comprehensive Assessment for
Tracking Community Health Technical
Work Group 2000-2001

Miami-Dade County Health Department
Office of Epidemiology and Disease Control
Perinatal Epidemiologist 1998-1999

University of Miami School of Medicine
Department of Psychiatry
Division of Metabolism and Disease Prevention
Biostatistician/NIH Postdoctoral Fellowship 1995-1997

Shanxi Medical University, School of Public Health,
Associate Professor,
Division of Health Statistics and
Social Medicine 1992-1994

Shanxi Medical University, School of Public Health,
Assistant Professor, Lecturer,
Division of Statistics & Social Medicine **1990-1992**

Shanxi Medical University, School of Public Health,
Assistant Professor, Lecturer,
Division of Statistics & Social Medicine **1983-1987**

Publications

Published Papers

1. Sharon B, Trepka MJ, Nobles N, Becerra M, Reef S, **Zhang G**, *Low Postpartum Rubella Vaccination Rates in High-Risk Women, Miami, Florida, 2001*. Am J Prev Med 2006; 30 (2) 119-124.
2. Trepka MJ, Pekovic V, Santana J, **Zhang G**, *Risk factors for lead poisoning among immigrant Cuban refugee children*. Public Health Reports. 2005; 120(2):179-85.
3. Campos MA, Wanner A, **Zhang G**, Sandhaus RA, *Trends in the diagnosis of symptomatic patients with $[\alpha_1]$ -antitrypsin deficiency between 1968 and 2003*. Chest. 2005; 128(3):1179-86.
4. Weisbord J S, Trepka M J, **Zhang G**, Brewer T. *Hepatitis B Virus Infection Risk Factors and Immunity Among Sexually Transmitted Disease Clinic Client*. Sex Transm Infect 2003; 30 (12):914-918.
5. Shor-Posner, G., Lecusay, R., Miguez, M.J., Moreno, G-B, **Zhang, G.**, Rodriguez, N., Burbano, X., Baum, M. *Psychological burden in the era of HAART: Impact of Selenium Therapy*. Intl J of Psychiatry in Medicine 2003;33(1):55-69.
6. Weisbord J S, Trepka M J, **Zhang G**, Smith I P, Brewer T. *Prevalence of and risk factors for hepatitis C virus infection among STD clinic clientele in Miami, Florida*. Sex Transm Infect 2003 Feb;79(1):E1
7. Burbano X, Miguez-Burbano MJ, McCollister K, **Zhang G**, Rodriguez A, Ruiz P, Lecusay R, Shor-Posner G. *Impact of a Selenium Chemoprevention Clinical Trial on Hospital Admissions of HIV-Infected Participants*. HIV Clin Trials 2002 Nov-Dec; 3(6): 483-491.

8. Shor-Posner G., Campa A., **Zhang G.** Persaud N, Miguez-Burbano MJ, Quesada J, Fletcher MA, Page JB, Baum MK., *When Obesity is Desirable: A Longitudinal Study of the Miami HIV-1-Infected during Drug Abusers (MIDAS) Cohort.* **Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology** 2000; 23:81-88.
9. Shor-Posner G., Campa A., **Zhang G.** Persaud N, Baum MK., *Obesity and Immune Function In Miami HIV-1-Infected during Drug Abusers (MIDAS) Study (letter).* J. Am Diet Assoc. 1999; 99(12): 1512.
10. Campa A., Shor-Posner G., Indacochea F., **Zhang G.** Lai H., Asthana D., Scoot G., Baum MK., *Mortality Risk in Selenium-Deficient HIV-Positive Children.* **Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology** 1999 Apr 15; 20(5): 508-513.
11. Baum MK., Shor-Posner G., **Zhang G.** Lai H., Quesada JA., Busbano MJ., Fletcher MA., Page JB. *HIV-1 Disease in Women is Associate with Severe Nutritional Deficiencies.* **Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology** 1997 Dec 1; 16 (4): 272-278.
12. Baum MK., Shor-Posner G., Lai S., **Zhang G.** Lai H., Fletcher MA., Page JB. *High Risk of HIV-related Mortality is Associated with Selenium Deficiency.* **Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology** 1997 Aug 15; 15 (5):370-374
13. Xu Ruiqing, **Zhang Guoyan,** Liu Aiming, Bai Xiaoli, Wang Zhiyong Feng Lan. *Input and Output Scale Analysis for Township Health Care Institutes 1989-1992.* **Journal of Chinese Primary Health Care.** 1994; 8:13.
14. **Zhang Guoyan,** Wang Zuxing, Liu Chunzhi, Yu Zhengfeng, Shi Liying, Wang ZhongXin, Xu Tongfe, Wei Wenbi. *Factors Affecting Daily Living Activities for Elderly Adults.* **Chinese Journal of Social Medicine.** 1993;4:20.
15. **Zhang Guoyan,** Zhang Jimin. *An Investigation on Health Status, Medical Need, Use of Health Services by Elderly Persons in Taiyuan City & Yangcheng County.* **Chinese Hospital Management.** 1992;10:54.
16. **Zhang Guoyan,** Zhang Jimin, Wang Xudong, Zhang Guangyuan. *Determinants of Physician Utilization by Elderly Persons in Urban and Rural: a Path Analysis.* **Chinese Journal of Social Medicine.** 1992;4:53.
17. **Zhang Guoyan,** Wang Zuxing, Liu Chunzhi, Yu Zhengfeng, Shi Liying, Wang ZhongXin, Xu Tongfe, Wei Wenbi. *Life Satisfaction and Factors Affecting LIS among Women in the Urban and Rural in Taiyuan City.* **Chinese Journal of Social Medicine.** 1992;5:15.

18. **Zhang Guoyan**, Liu Chunzhi, Li Hong, Shi Yongtai. *Input and Output Analysis for Township Health Care Institutes in Poor Areas in Shanxi Province*. **Chinese Rural Health Service Administration**. 1992;10:14.
19. **Zhang Guoyan**, Wang Ying, Liu Chunzhi, Li Hong, Chen Zucheng, Shi Yongtai. *The Study of Methods of Development Standards for Township Health Care Institute*. **Chinese Health Service Administration**. 1992;10:625.
20. **Zhang Guoyan**, Zhang Jimin. *Strategy for Preventing and Controlling Infectious Diseases in China*. **Chinese Public Health Management**. 1991 suppl.
21. **Zhang Guoyan**, Wang Ying, Lu Li, Liu Aiming, Li Hong, Chen Zucheng, Shi Yongtai. *An Investigation on Quantity and Quality of Health Personnel for Township Health Center in Poorer Areas in Shanxi Province*. **Journal of Shanxi Medical University**. 1991 Suppl. Vol.22:1.
22. **Zhang Guoyan**, Cao Youhuai, Li Hong, Chen Zucheng, Gao Yan, Shi Yongtai. *Evaluation in Service Training for Health Personnel of Township Health Care Institute in Poorer Areas in Shanxi Province*. **Journal of Shanxi Medical College**. 1991 Suppl. Vol.22:6.
23. **Zhang Guoyan**, Lu Li, Wang Ying, Cao Youhuai, Chen Zucheng, Gao Yan, Shi Yongtai. *Study of Difficulties in Working for Health Personnel of Township Health Center in Poorer Areas in Shanxi Province*. **Journal of Shanxi Medical University**. 1991 Suppl. Vol.22:10.
24. **Zhang Guoyan**, Lei Jin, Li Hong, Chen Zucheng, Shi Yongtai. *Analysis of Township Health Center status and Developing Strategies in Poorer Areas in Shanxi Province*. **Journal of Shanxi Medical University**. 1991 Suppl. Vol.22:16.
25. **Zhang Guoyan**, Wang Ying, Lu Li, Lai Aiming, Li Hong, Chen Zucheng, Shi Yongtai, Cao Youhuai. *A Comparison between Health Personnel Supply and Requirement in Poor Areas in Shanxi Province*. **Journal of Shanxi Medical University**. 1991 Suppl. Vol.22:22.
26. Wang Ying, **Zhang Guoyan**, Lu Li, Wang Zuxing, Li Hong, Chen Zucheng, Shi Yongtai. *An Investigation on Quantity and Quality of Health Personnel for Village Health Station in Poorer Areas in Shanxi Province*. **Journal of Shanxi Medical University**. 1991 Suppl. Vol.22:30.
27. **Zhang Guoyan**, Wang Ying, Wang Zuxing, Li Hong, Chen Zucheng, Shi Yongtai, Cao Youhuai, Lu Aigang. *Study of the Indicator of Staffing Need, Productivity for Township Health Center in Poorer Areas in Shanxi Province*. **Journal of Shanxi Medical University**. 1991 Suppl. Vol.22:71.
28. Wang Ying, **Zhang Guoyan**, Lu Li, Liu Aiming, Li Hong, Chen Zucheng, Shi Yongtai. *An Investigation on Quantity and Quality of Health Personnel for County Health Institution in*

- Poorer Areas in Shanxi Province. Journal of Shanxi Medical University.* 1991 Suppl. Vol.22:33.
29. Wang Ying, Zhang Guoyan, Lu Li, Cao Youhuai. *Analysis in Service Training for Health Personnel of County Health Care Institutes in Poorer Areas in Shanxi Province. Journal of Shanxi Medical University.* 1991 Suppl. Vol.22:36.
 30. Wang Ying, Lu Li, Zhang Guoyan, Liu Aiming, Li Hong, Chen Zucheng, Shi Yongtai, Cai Zhikai. *Analysis of Prefecture Health School Status and Developing Strategies in Poorer Areas in Shanxi Province. Journal of Shanxi Medical University.* 1991 Suppl. Vol.22:39.
 31. Cao Youhuai, Zhang Guoyan, Ren Xianting. *Analysis of County Health School Status in Poorer Areas in Shanxi Province. Journal of Shanxi Medical University.* 1991 Suppl. Vol.22:44.
 32. Wang Ying, Zhang Guoyan, Lu Li, Li Hong, Chen Zucheng, Shi Yongtai, Gao Yan. *The Role of County Hospital in Training Rural Health Personnel. Journal of Shanxi Medical University.* 1991 Suppl. Vol.22:49.
 33. Lu Li, Zhang Guoyan, Wang Ying, Wang Zuxing, Chen Zuceng, Li Hong, Cai Zhikai, Shi Yongtai. *An Investigation on Quantity and Quality of Teachers for Prefecture and County Health Schools in Poorer Areas in Shanxi Province. Journal of Shanxi Medical University.* 1991 Suppl. Vol.22:51.
 34. Lu Li, Zhang Guoyan, Wang Ying. *Studies of Pattern Reform of Training Rural Health Personnel. Journal of Shanxi Medical University.* 1991 Suppl. Vol.22:54.
 35. Lu Li, Wang Ying, Zhang Guoyan, Liu Aiming, Li Hong, Chen Zucheng, Shi Yongtai, Cai Zhikai. *Evaluation on County Health Schools By Students. Journal of Shanxi Medical University.* 1991 Suppl. Vol.22:56.
 36. Cao Youhuai, Chen Zucheng, Li Hong, Shi Yongtai, Zhang Guoyan. *The Position and Role of Training Model according to Community Need in Training Rural Medical Personnel. Journal of Shanxi Medical University.* 1991 Suppl. Vol.22:59.
 37. Ren Xianting, Cao Youhuai, Zhang Guoyan. *An Investigation on Quantity and Quality of Health Administrators in Poorer Areas in Shanxi Province. Journal of Shanxi Medical University.* 1991 Suppl. Vol.22:62.
 38. Liu Chunzhi, Su Jinming, Hao jiansheng, Zhang Guoyan, Wan Xudong. *Study of Fertility Rate of Yangcheng County in Shanxi Province. China Health Statistic.* 1985.

Abstract for Conference

1. Leguen F, Zhang G, Sneed R, Use of Syndromic **Data** for Surveillance of Hurricane-Related Injuries in Miami-Dade County, FL. Fifth Annual Syndromic Surveillance Conference Baltimore, Maryland **USA** Hyatt Regency Baltimore Hotel on the Inner Harbor October **19-20, 2006**
2. Zhang G, Leguen F, Sneed R, Racial and Ethnic Disparities: Maternal Death in Miami-Dade County. 11th Annual Maternal and Child Health Epidemiology Conference, Miami, December 7-9, 2005
3. Zhang G, Leguen F, Lawrence J, Blanco J, Falls: among elderly adults aged 65 years and older. 10th Statewide Epidemiology Seminar, Florida Department of Health, Lake Mary, Florida, May 17-18, 2005
4. Trepka MJ, Pekovic V., Santana J., Zhang G., *Risk factors for lead poisoning among immigrant Cuban refugee children.* 9th Statewide Epidemiology Seminar, Florida Department of Health, Lake Mary, Florida, May 17-18, 2004
5. Leguen F., Trepka MJ, Zhang G., ***"Communicable Diseases Reporting and General Practitioners: An Intervention Study."*** 9th Statewide Epidemiology Seminar, Florida Department of Health, Lake Mary, Florida, May 17-18, 2004
6. Rodriguez D., Martin P., Zhang G., *Implementing asthma surveillance in Miami-Dade County---Preliminary Results.* 9th Statewide Epidemiology Seminar, Florida Department of Health, Lake Mary, Florida, May 17-18, 2004.
7. Edhelene R., Trepka MJ, Zhang G., Leguen F., *Level of preparedness in responding to influenza outbreaks: A survey of nursing home, Miami-Dade County.* 9th Statewide Epidemiology Seminar, Florida Department of Health, Lake Mary, Florida, May 17-18, 2004.
8. Shor-Posner, G., Hernandez-Reif, M., Baez, J., Solange, S., Miguez, M.J., Perez-Then, E., Fletcher, M.A., Diaz, R., Zhang, G. *Massage therapy intervention to enhance well-being in HIV+ Dominican children: preliminary results.* 2004 XV Intl AIDS Conf Bangkok, Abst# 16851, Bangkok, July 11-16.
9. Shor-Posner, G., Baez, J., Hernandez-Reif, M., Soto, S., Perez-Then, E. and Zhang, G. *Potential impact of massage therapy immune function on immune function in HIV+ children: preliminary findings.* A Multicultural Caribbean United Against HIV/AIDS Conf, Abst# 50513, Santo Domingo, D.R., March 5-7, 2004.

10. Hernandez-Reif, M., Mendoza, R., Castillo, R., Shor-Posner, G. and Zhang, G. The impact of HIV infection on the development of preschool Dominican children. A Multicultural Caribbean United Against HIV/AIDS Conf, Abst# 50590, Santo Domingo, D.R., March 5-7, 2004.
11. Quintero, N., Mendoza, R., Castillo, R., Hernandez-Reif, M., Zhang, G., Shor-Posner, G. Perception of HIV-infected Dominican children's psychosocial behavior by HIV+ mothers and other caregivers. A Multicultural Caribbean United Against HIV/AIDS Conf, Abst# 50568, Santo Domingo, D.R., March 5-7, 2004.
12. Shor-Posner, G., Miguez, M.J., Rodriguez, N., Zhang, G., Pilarte, A., Miric, M., Moreno-Black, G. Selenium therapy decreases risk for anxiety in HIV+ drug users. Experimental Biology, Abst# 705.2 (B397), San Diego, CA, April 11 – 15, 2003.
13. Shor-Posner, G., Miguez, M.J., Burbano, X., Rodriguez, A., Ruiz, P., Zhang, G., Baum, M.K. Potential benefit of selenium as an adjuvant therapy in the HAART era. XIV Intl AIDS Conf, Abst# WePeB5882, Barcelona, Spain, July 7-12, 2002.
14. Shor-Posner, G., Miguez, M.J., Burbano, X., Rodriguez, A., Ruiz, P., Zhang, G., Baum, M.K. Potential benefit of selenium as coadjuvant therapy in the HAART era. 9th Conference on Retroviruses and Opportunistic Infection, Abst# J80e, Seattle, Washington, February 24-28, 2002.
15. Shor-Posner, G., Campa, A., Lecusay, R., Wilkie, F., Miguez-Burbano, M.J., Quesada, J., Garcia, E., Zhang, G., Lai, S., Baum, M.K. Neuropsychological performance in relationship to selenium status in the Miami HIV-1 infected drug abusers (MIDAS) study. Society for Neuroscience, Miami Beach, Florida, October 23-28, 1999.
16. Shor-Posner, G., Campa, A., Zhang, G., Quesada, J., Wilkie, F., Miguez-Burbano, M.J., Lecusay, R., Page, J.B., Baum, M.K. Better mental function and well-being are associated with higher selenium levels in the MIDAS (Miami HIV-1 infected drug abusers) study. Biopsychosocial Aspects of HIV Infection 4th Int'l Conf, July 15-18, 1999.
17. Shor-Posner, G., Campa, A., Miguez-Burbano, M.J., Quesada, J., Zhang, G., Baum, M.K. Marijuana use does not enhance nutritional status in HIV/AIDS. 3rd Int'l Conf on Nutrition and HIV Infection, Cannes, France, April 22-23, 1999.
18. Campa, A., Shor-Posner, G., Gutierrez-Rodriguez, R., Zhang, G., Lai, H., Quesada, J., Baum, M.K. Cobalamin Therapy: Impact on HIV Disease Progression. 24th Int'l Congress of Internal Medicine, Lima, Peru, November 3-7, 1998.

19. Perez, E., Shor-Posner, G., Boulanger, C., Palmer, C.J., Zhang, G., Liang, X., Segura, L., Lai, H., and Baum, M.K. Impact of directly observed therapy on the duration of drug therapy in HIV-1 positive patients with tuberculosis. ASM Conferences, Cooper Mountain, Colorado, 1997.
20. Campa, A., Shor-Posner, G., Gutierrez, R., Zhang, G., Klaskala, W., Soto, R., Baum, M.K. Nutritional intake, wasting and HIV-infection in Honduras. V Pan-American Conf on AIDS, Lima, Peru, December 3-6, 1997.
21. Shor-Posner, G., Campa, A., Zhang, G., Gutierrez-Rodriguez, R., Lai, H., Quesada, J. and Baum, M.K. Supplementation with vitamin B₁₂ may delay HIV-1 disease progression. Int'l Conf on AIDS Wasting, Fort Lauderdale, Florida, November 16-19, 1997.
22. Perez, E., Shor-Posner, G., Boulanger, C., Palmer, C.J., Zhang, G., Liang, X., Segura, L., Lai, H. and Baum, M.K. Impact of directly observed therapy on the duration of drug therapy in HIV-1 positive patients with tuberculosis. ASM Conf on Tuberculosis: Past, Present, and Future, Colorado, July 8-12, 1997.
23. Campa, A., Shor-Posner, G., Zhang, G., Asthana, D., Scott G.B. and Baum, M.K. Nutritional status of HIV-infected children: Survivors versus progressors. Conf on Nutrition and Immunity, Atlanta, Georgia, May 5-7, 1997.
24. Shor-Posner, G., Wilkie, F.L., Lai, S., Zhang, G., Baum, M.K. Cobalamin (vitamin B₁₂) status and cognitive performance in HIV disease. Second Int'l Conf on Nutrition and HIV Infection, Cannes, France April 23-25, 1997.
25. Shor-Posner, G., Zhang, G., Quesada, J., Lai, H., Fletcher, M.A., Page, B.J., Baum, M.K. Impact of HIV/HTLV co-infection on nutritional and immune status in male and female drug users. XI Int'l Conf on AIDS, We.C.3419, Vancouver, Canada, July 1996.
26. Shor-Posner, G., Zhang, G., Miguez-Burbano, M.J., Quesada, J., Page B.J., Baum, M.K. Impact of cocaine use on nutritional status in HIV-1 infected men and women. CPDD Satellite Meet, Building Int'l Res in the Field of Drug Abuse, San Juan, Puerto Rico, June 1996.
27. Segura, L., Rojas, M., Shor-Posner, G., Zhang, G., Klaskala, W., and Baum, M.K. Drug abuse in HIV-1 seropositive and seronegative Guatemalan patients infected with tuberculosis. CPDD Satellite Meet, Building Int'l Res in the Field of Drug Abuse, San Juan, Puerto Rico, June 1996.