

**University of North Texas Health Science Center  
School of Public Health**

**Current Research Interests  
Selected Topics**

The summary below is representative of the School of Public Health current research projects, funded grants and publications. The format employed cuts across disciplines, areas of inquiry, methodologies and analyses. As such, it is not specific but general. Within each of these topics and whenever applicable, you will find research in basic laboratory sciences, population based and intervention studies grouped under a broad topic of inquiry. And within these groupings, you may also find an extensive range of research interests. For example, in terms of age and gender, some among our faculty conduct childhood related research, while others concentrate on adult women or the elderly. There is also wide diversity in research designs and methodologies; our current research expands from research conducted in wet laboratories, to investigations that rely on large databases, to studies employing qualitative or mixed methods. In order to facilitate the identification of individual faculty currently conducting work or with previous expertise in any one of these topics, a list of currently funded research and selected publications has been appended to this summary.

In sum, we hope that you will find this handout useful in becoming better acquainted with the research currently conducted at the SPH. We encourage you to contact our faculty and set up an appointment to explore possible research interests and joint endeavors.

**Aging**

- Strong research emphasis on older Mexican Americans, current research includes: cohort studies, longitudinal analyses, neighborhood effects and contextual factors, the interface of religion and health, diabetes, obesity, cancer detection and screening, mental health and widowhood;
- Quality of life issues
- End of life care, end of life ethnic differences in in-hospital place of death among older adults

**Cancer**

- Investigation of:
  - Energy balance on cancer risk,
  - Epigenetic changes that affect cancer risk;
  - Gastric cancer and its putative precancerous lesions;
  - Esophageal cancer and its putative precancerous lesion (Barrett's esophagus)
- Determination of genetic susceptibility to cancers within the context of environmental exposures
- Identification of genetic markers that can be used for early cancer detection

- Implementation of Community Based Participatory Research in the prevention of cancer
- Studies of geography of cancer disparity:
  - Geographical distribution of cancer-specific population risk that
  - May not be evenly spread across a region, but rather clustered in some areas.
  - Sociological and/or environmental (land use) factors possibly confounded with the
  - Geographically clustered cancers.
  - Contextual Influences on cancer screening; particularly family relationships and
  - Neighborhoods
  - Protective effect of neighborhood composition on smoking behaviors among
  - Hispanics in prospective cohort studies
- Studies examining lifestyle behaviors in cancer prevention, particularly, nutrition & smoking behaviors, employing Motivational Interviewing in cancer prevention studies
- Exploration of health disparities in incidence –survival and cancer screening
- Qualitative studies of adult women and the homeless at risk of breast cancer
- Investigations of the relationship between cultural attitudes and cancer prevention
- Genetic risk predictor models for cancer
- Biologically supported mathematical models of cancer development: fitted colon and retinoblastoma data; fitted lung cancer data.
- Bio-statistical data analysis on pre-leukemia, breast cancer, prostate, pancreatic and other lethal cancers

**Cardiovascular Disease, Diabetes, Obesity, Physical Activity, Dietary Behaviors**  
(current research on above topics overlap; therefore, we have grouped it together)

- Population based studies of prevalence and incidence of obesity, cardiovascular disease and diabetes, particularly in minority populations.
- Intervention studies with children and adults: African Americans and Hispanics in the metroplex and other regions in Texas.
- Motivational Interviewing in weight reduction & physical activity studies
- Weight reduction studies of obesity as a preventable risk factor for diabetes, cardiovascular and heart disease

- Community based projects on childhood obesity, particularly as it relates to minority populations

### **Economic Issues and Health**

- Impact of economic downturn on health
- Quality of life Issues related to economic cycles

### **Environmental Exposure**

- Research focused in two basic areas of exposure assessment: (1) methodologies for evaluating exposures, and (2) application of these methods. Application of these methods in examining lead in the environment, asbestos exposure to workers, asthma in schools, environmental exposure in a mining and processing region of Peru, and most recently welding exposures and Parkinsonism.
- Lead and asthma research has primarily been focused on children: St. Louis metropolitan region, as well as the SE and SW old lead mining areas of Missouri. Asthma research has been primarily with children in k-12 in the St. Louis Metropolitan area.
- Community based studies examining asthma prevalence
- Asbestos exposure has been examined mainly with adults through an occupational exposure registry developed by the Selikoff Foundation.
- Exposure reconstruction of welders: Ship building industry in Wisconsin and construction workers.
- International research currently conducted in Peru with a focus on community level and investigation exposure to all populations.
- Identification of environmental factors that attribute an outbreak of infectious disease in North Texas, Dallas and Tarrant Counties
- Risk Assessment of vector-borne disease transmissions
- Assessment of environmental impacts on biology of vectors at molecular level
- Above area are investigated using statistical tools to associate environmental factors and disease occurrences or using molecular and genomics tools to assess environmental impacts on biology of the vectors.

### **Health Service Related Research**

- The application of fixed effects model and longitudinal design to examine how community hospitals' finance, markets, and health policies affect hospital behaviors including the adjustment for the quality of care and unprofitable services

- Investigation of health services research using administrative data in the areas of aging, minority health, health disparities, end of life care, hospice care, and cancer
- Impact of social factors (marital status, education, unemployment) and racial and ethnic concordance on utilization of health services

### **Mental Health & Psychiatric Disorders**

- Effects of chronic exposure to interpersonal violence on social behavior in animal models, and interpersonal relationships, hostility, and decision making in humans
- Treatment outcomes in crisis intervention models, and chronic medical conditions thought to increase risk for depression
- Survey research study of veterans care needs
- Opinions of mental illness among medical students
- Psychiatric symptoms in juvenile detainees
- Assessing utility of diagnostic instruments in psychiatric outpatient settings, near-suicide risk, and perinatal depression
- Analysis of trends in psychiatry inpatient and crisis services utilization in Tarrant County, primarily the psychiatric clinical population, but also juveniles, adults and children/adolescents at risk for mental illness

### **Special Populations** (overlapped with above topics, listed below as additional information)

- Children
- Elderly
- Women's Health
- African Americans/Hispanics

### **Research Training and Public Health Workforce Development and Training**

- Clinical Training: NIH training awards
- Minority Post-Doctoral Basic Science and Socio Behavioral Research: NIH Training Awards
- Public Health Workforce Development and Training: ASPH/CDC Cooperative Agreement

**Current External Funded Research**  
(Only Principal Investigators are indicated)

**Aging**

National Institute on Aging, R01, Religion, Aging and Mexican Americans, (2007-2011)  
(Elena Bastida, Ph.D)

**Cancer**

Department of Defense Prostate Cancer Research Program, Acculturation and nutritional biomarkers for prostate cancer risk in Hispanic men (2006-2009), (Carlos Reyes Ortiz, MD, Ph.D., PI)

Department of Defense Breast Cancer Research Program, Barriers to Breast Cancer Screening among Latinas in the US Mexico Border Region (2005-2009) (Bastida)

National Cancer Institute, Dallas Cancer Disparities Community Research Coalition (06/16/08 - 05/31/10), (Kathryn Cardarelli, Ph.D. PI)

Komen Foundation, Breast Cancer in Hispanic Women (2008-2009), Carlos Reyes Ortiz, MD., Ph.D., (CO PI)

Komen Foundation, Energy Balance and Breast Cancer Risk in Breast Cancer Family Registry (2008-2011), (Fang Fang Zhang, Ph.D., PI)

The Cancer Research Foundation of North Texas, The Molecular Characteristics of Immune Receptors and Gene-Specific Hypermethylation in Hispanic, Caucasian and African American Children with Acute Lymphoblastic Leukemia (2008-2009) (Fang Fang Zhang, Ph.D., COPI)

Komen Foundation, Community Profile on Breast Cancer (2008-2009) (Sue Lurie PI), Jim Simpson, Ph.D., COPI)

Current Institutional Research Awards

Validation of a Statistical Model for Prediction of Carrying Breast/Ovarian Cancer Susceptibility Genes BRCA1 and BRCA2, School of Public Health, (Swati Biswas, Ph.D., PI)

Environmental and Behavioral Impact on Global Hypomethylation and Gene Specific Hypermethylation in Healthy Individuals, Institute for Cancer Research at UNT Health Science Center & Joe and Jessie Crump Fund for Medical Education (2008-2009) (Fang Fang Zhang, Ph.D. PI)

Behavioral Determinants of Methylation Abnormalities: A Pilot Study of Potential Markers for Cancer Prevention and Control, School of Public Health, (2008-2009), (Fang Fang Zhang, Ph.D. PI)

Influence of County and Facility Level Factors on Physician Cancer Screening Practices, School of Public Health, (Jim Stimpson, Ph.D. PI).

**Cardiovascular Disease, Diabetes, Dietary Behaviors, Obesity, Physical Activity**

National Institutes of Health, NCMHD, Beyond Sabor: A Border Embedded Health Promotion Phase II (Targets obesity as a risk factor for diabetes and CVD in adults; also targets prevention or maintenance of diabetes) 2008-2013. (E. Bastida, Ph.D., PI)

United Way of Tarrant County, FitFuture, Childhood Obesity Impact Project, \$172,000: 2006-2009. (X. Urrutias-Rojas, Ph.D./N. Lackan, Ph.D., PIs)

**Environmental Exposure**

Clinical Discovery Grants for Parkinson's Disease Research 2005. Michel J. Fox Foundation. May 1, 2006 – April 30, 2009. (D. Sterling, Ph.D.)

Building the Capacity for Evidence-Based Decision Making to Prevent Disease and Protect the Environment in Central Peru. USAID/Health Education for Development. Dec 1, 2006 – Nov 30, 2009. (D. Sterling, Ph.D.)

Epidemiology of Parkinsonism in Welders. NIH/NIEHS. Feb 3, 2007 – Nov 30, 2011. (D. Sterling, Ph.D.)

The Mantaro Lives Again. Caritas of Huancayo, a grant by the Italian-Peruvian Fund. Jan 1, 2007 – Aug, 2009. (D. Sterling, Ph.D.)

Grant # 1 RO1 OH08071-01. National Institute for Occupational Safety & Health (NIOSH), CDC/National Cancer Institute (NCI), NIH. Cancer risk in Workers Exposed to oncogenic Viruses. 05/01/04-04/30/07. (ES Johnson, Ph.D, PI)

Supplemental Grant # 1 RO1 OH08071-04. NIOSH/NCI. Analysis of Case-Cohort Study of Cancer risk in Workers Exposed to oncogenic Viruses. 06/01/07-04/30/08. (ES Johnson, Ph.D, PI)

Grant # 1 RO1 OH008687 -01. NIOSH/NCI/NIEHS. Cancer and Non-cancer Mortality in Meat Workers. 09/01/07-08/31/09. (ES Johnson, Ph.D, PI)

**Mental Health and Psychiatric Disorders**

Veterans Care Needs (D. Cruser, Ph.D.)

Psychiatric Symptoms in Juvenile Detainees (D. Cruser, Ph.D.)

Assessing Utility of Diagnostic Instruments in Psychiatric Outpatient Settings (D. Cruser, Ph.D.)

## Recent Publications on Selected Topics: Representative

### Aging

#### Bastida, E.

Krause, N. & **Bastida E.** Exploring the interface between religion and contact with the dead among older Mexican Americans, *Review of Religious Research*, (December 2008)

Krause, N and **Bastida, E.** "Core Religious Beliefs and Providing Support to Others in Late Life" (forthcoming) *Mental Health, Religion, and Culture*.

Krause, N & **Bastida, E.**, Religion, Suffering and Health among Older Mexican Americans. *Journal of Aging Studies* (forthcoming Special Issue on Pain and Suffering, August 2009

Cuellar, I. & **Bastida, E.** Residency in the U.S. Subjective Well-being and Depression in an Elder Mexican Origin Sample, *Journal of Aging and Health*, 16, 4, 447-466, August 2004.

Soydemir, G. and **Bastida, E.** The Impact of Religion on Well Being and Health: Evidence from a Southwestern Community Based Study, *Applied Economics*, Volume 36, No. 7, April, 2004, 665-672.

#### Lurie, S.

**Lurie, Quiroz, & Coustasse**, 2008 To the Bitter End: Disparity Issues in End of Life Care in the United States. *Journal of Hospital Marketing and Public Relations* 18:2, 167-185.

#### Lackan NA

Lackan NA, Eschbach K, Stimpson JP, Freeman JL, Goodwin JS. Ethnic differences in in-hospital place of death among older adults in California: effects of individual and contextual characteristics and medical resource supply. *Medical Care*. In Press

#### Stimpson, JP

**Stimpson JP**, Kuo YF, Ray LA, Raji MA, Peek MK. Risk of mortality related to widowhood in older Mexican Americans. *Annals of Epidemiology*. 2007;17(4):313-319.

**Stimpson JP**, Eschbach K, Peek MK. Effect of immigrant status on risk of depressive symptoms associated with spouse's chronic conditions. *Journal of Immigrant and Minority Health*. 2007;9(1):29-34.

Meyler D, **Stimpson JP**, Peek MK. Acculturation and self-esteem among older Mexican Americans. *Aging & Mental Health*. 2006; 10(2):182-186.

Peek MK, **Stimpson JP**, Townsend AL, Markides KS. Well-being in older Mexican American spouses. *The Gerontologist*. 2006; 46(2):258-265.

**Stimpson JP**, Peek MK, Markides KS. Depression and mental health among older Mexican American spouses. *Aging & Mental Health*. 2006; 10(4): 386-393.

**Stimpson JP**, Masel MC, Rudkin L, Peek MK. Shared health behaviors among older Mexican American spouses. *American Journal of Health Behavior*. 2006; 30(5):495-502.

**Stimpson JP**, Peek MK. Concordance of chronic conditions in older Mexican American couples. *Preventing Chronic Disease* [serial online]. 2005; 2(3):A07.

Stimpson J, Eschbach K, **Stimpson JP**, Kuo YF, Goodwin JS. Mortality of foreign born and US born Hispanic adults at younger ages: a re-examination of recent patterns. *American Journal of Public Health*. 2007; 97(7): 1297-1304.

## **Cancer**

### Biswas, S

**Biswas, S.** and Berry, D.A. (2005) "Determining joint carrier probabilities of cancer causing genes using Markov chain Monte Carlo methods", *Genetic Epidemiology*, 29:141-154.

**Biswas, S.** and Lin, S. (2006) "A Bayesian approach for incorporating variable rates of heterogeneity in linkage analysis", *Journal of American Statistical Association*, 101:1341-1351.

Huang, X., **Biswas, S.**, Estey, E. H., and Berry, D.A.. (2006) "Building and validating a prognostic index for biomarker studies", *Cancer Biomarkers*, 2:97-101.

Huang, X., **Biswas, S.**, Oki, Y., Issa, J-P., and Berry, D.A.. (2007) "A parallel phase I/II clinical trial design for combination therapies", *Biometrics* 63:429-436

### Chen, Shande

Robert F., Wheeler R.H., Molthrop D., Bailey A., **Chen S.** (1994). Phase 2 study of prolonged administration of oral etoposide in combination with weekly cisplatin in advanced non-small cell lung cancer. *Am. J. Clin. Oncol. (CCT)*. Vol 17(5), 383-386.

Robert F., Molthrop D.C., Miller A.A., Lee B.C., **Chen S.**, Wheeler R.H. (1996). Prolonged infusion of Etoposide in patients with advanced non-small cell Lung cancer. *American Journal of Clinical Oncology*. Vol 19(5), 483-486.

Robert F., **Chen S.**, Miller A.A., Lee B.C., Molthrop D.C., Wheeler R.H. (1996). Phase 1 and pharmacologic study of 7- and 21-day continuous etoposide infusion in patients with advanced cancer. *Cancer Chemother Pharmacol.* Vol 38, 459-465.

Venkatesan T.K., Kuropkat C., Caldarelli D.D., Panje W.R., Hutchinson J.C. Jr., **Chen S.**, Coon J.S. (1999). Prognostic significance of p27 expression in carcinoma of the oral cavity and oropharynx. *The Laryngoscope.* Vol. 109, 1329-1333.

Huang X.K., Gao X.Z., Leurgans S., **Chen S.**, Loew J., Toofanfard P., Raza A., Preisler H.D. (1999). Proliferation of myelodysplastic progenitor cells in vitro: Effects of different in vitro conditions. *Cancer Research Therapy and Control.* Vol 7, 295-309.

Coon JS, Marcus E, Gupta-Burt S, Seelig S, Jacobson K, **Chen S**, Renta V, Fronda G, Preisler HD. (2002). Amplification and overexpression of topoisomerase II predict response to anthracycline-based therapy in locally advanced breast cancer. *Clinical Cancer Research.* Vol 8, 1061-1067.

#### Coggin, C.

Shaw-Perry, M. & **Coggin, C.** (2008) Using a Delphi Technique to determine perceived needs among African American breast cancer survivors. *Health Promotion and Practice.* 8(1), 25-44.

**Coggin, C.** & Shaw-Perry, M. (2006). Breast cancer survivorship: Expressed needs of Black women. *Journal of Psychosocial Oncology,* 24(4), 107-122.

#### Fellini, M.

Krishnan G. **Fellini M.** Carozza S. Miike R. Chew T. Wrensch M. (2003) Occupation and Adult Gliomas in the San Francisco Bay Area. *J Occup Environ Med* 45(6):639-47. (PMID: 12802217)

Carozza S. **Fellini, M.** Hunskor M. Breast and Cervical Cancer Screening: Is it reaching rural and rural minority women? A report to the Health Resources and Services Administration's Office of Rural Health Policy. (2003) HRSA Clearing House.

**Fellini MJ,** Olshan AF, Schroeder JC, North KE, Carozza SE, Wrensch MR, Kelsey KT, Liu M, Rice T. (2007) DNA repair polymorphisms *XRCC1* and *MGMT* and risk of adult gliomas. *Neuroepidemiology;* 29(1-2):55-58. (PMID: 17898525)

**Fellini MJ,** Olshan AF, Schroeder JC, Carozza SE, Miike R, Rice T, Wrensch MR (2008) Reproductive factors and hormone use and risk of adult-onset gliomas. *Cancer Causes Control Epub* Sept 3 (PMID; 18766447)

#### Johnson, ES

Faramawi MF, **Johnson ES,** Fry W, Sall S, Zhou Y. Consumption of different types of meat and the risk of renal cancer: Meta-analysis of observational studies. *Cancer Causes Control* (Springer Science) 10.1007/s10552-006-0104-9. Tuesday January 23, 2007. Hard Copy 18(2): 125-133, 2007.

Lackan, NA

**Lackan NA**, Freeman JL, Goodwin JS. Hospice use by older women dying with breast cancer between 1991 and 1996. *Journal of Palliative Care* 2003; 19(1): 49-53.

**Lackan NA**, Ostir GV, Freeman JL, Mahnken JD, Goodwin JS. Decreasing variation in the use of hospice among older adults with breast, lung, colorectal and prostate cancer. *Medical Care* 2004; 42: 116-122.

**Lackan NA**, Ostir GV, Freeman JL, Kuo Y, Zhang DD, Goodwin JS. Hospice use between Hispanic and Non-Hispanic White Cancer Decedents. *Health Services Research* 2004; 39: 969-984.

**Lackan NA**, Ostir GV, Kuo Y, Freeman JL. The association of marital status and hospice use in the USA. *Palliative Medicine* 2005; 19(2): 160-16

Reyez-Ortiz, CA

**Reyes-Ortiz CA**, Velez LF, Camacho ME, Ottenbacher KJ, Markides KS. Health insurance and cervical cancer screening among older women in Latin American and Caribbean cities. *International Journal of Epidemiology* 37:870-878, 2008.

**Reyes-Ortiz CA**, Eschbach K, Zhang D, Goodwin JS. Neighborhood composition and cancer among Hispanics: tumor stage and size at time of diagnosis. *Cancer Epidemiology Biomarkers and Prevention* 17:1931-1936, 2008.

**Reyes Ortiz CA**, Ju H, Inniss A, Eschbach K, Kuo YF, Goodwin JS. Acculturation and serum nutrients thought to be involved with cancer prevention among Hispanic men. *Cancer Control* (in press).

**Reyes-Ortiz CA**, Ju H, Eschbach K, Kuo Y-F, Goodwin JS. Neighborhood ethnic composition and diet among Mexican Americans. *Public Health Nutrition* (in press).

Singh, K.

Shankar S, Chen Q, Ganapathy S, **Singh KP**, Srivastava RK: Diallyl trisulfide increases the effectiveness of TRAIL and inhibits prostate cancer growth in an orthotopic model: Molecular mechanism. *Molecular Cancer Therapeutics* 2008; 7(8): 2328-38.

Bartolucci AA, **Bae SJ**, **Singh KP**: Establishing a predictive survival model for patients with leukemia adjusting for the random effect of pre leukemia. *Mathematical and Computers in Simulation* 2008; 78: 328-34.

Tabatabai MA, Bursac Z, Williams DK, **Singh KP**: Hypertabastic survival model. Theoretical Biology and Medical Modeling. *Theoretical Biology and Medical Modeling* 2007; 4:40doi:10.1186/1742-4682-4-40.

Peschell KJ, **Bae S**, Shanmugam R, Bartolucci AA, **Singh KP**: Therapeutic equivalence assessment (TEA) for exponential data. *Advances and Applications in Statistics* 2004; 4(1), 1-14.

Bartolucci AA, Shanmugam R, **Singh KP**: Empirical Bayesian Analysis of the Poisson Intervention parameters. *Mathematical and Computers in Simulation* 2004: 64(3-4), 393-99.

Bartolucci AA, Zheng S, **Singh KP**: Random regression models based on the elliptically contoured distributions with allocations to longitudinal data. *Journal of Modern Applied Statistical Methods* 2003; 2(2): 359-7.

#### Zhang, FF

Terry MB, Gammon MD, **Zhang FF**, Tawfik H, Teitelbaum SL, Britton JA, Subbaramaiah K, Dannenberg AJ, Neugut AI. Association of frequency and duration of aspirin use and hormone receptor status with breast cancer risk. *Journal of the American Medical Association* 2004; 291(20):2433-40.

Terry, MB, **Zhang FF**, Kabat, G, Britton, JA, Teitelbaum, SL, Neugut, AI, Gammon MD. Lifetime Alcohol Intake and Breast Cancer Risk. *Annals of Epidemiology* 2006 Mar;16(3):230-40.

Terry MB, Perrin M, Salfia CM, **Zhang FF**, Neugut AI, Teitelbaum SL, Birtton J, Gammon MD. Preeclampsia, pregnancy-induced hypertension and breast cancer risk. *American Journal of Epidemiology* 2007 May 1;165(9):1007-14.

**Zhang FF**, Terry MB, Hou L, Chen J, Lissowsak J, Yeager M, Zatonski W, Chanock S, Morabia A, Chow WH. Genetic polymorphisms in folate metabolism and the risk of stomach cancer. *Cancer Epidemiol Biomarkers Prev.* 2007 Jan;16(1):115-21

**Zhang FF**, Hou L, Terry MB, Lissowsak J, Morabia A, Chen J, Yeager M, Zatonski W, Chanock S, Chow WH. Genetic polymorphisms in alcohol metabolism, alcohol intake and the risk of stomach cancer in Warsaw, Poland. *Int J Cancer.* 2007 121(9):2060-4.

#### **Cardiovascular Disease, Diabetes and Obesity**

#### Bastida, E

**Bastida, E.** & Soydemir, G. Employment and Weight as Predictors of Diabetes in Mexican Americans: Findings from a Longitudinal Panel Study, *Applied Economics* (2007), 1-8.

Brown, S, Estrada, A, **Bastida, E.** & J. Hazarika, Diabetes and the Labor Market, Community-wide Economic Cost of Diabetes in the Lower Rio Grande Valley, *Diabetes Care*, 12, (2005): 2945-2947.

**Bastida, E.** and Pagan, J (2002), The Impact of Diabetes on Adult Employment, Earnings and Retirement Planning: Findings from a Community Based Study, *Health Economics*, (Spring), 2002.

Brown, S., Pagan, J & **Bastida, E.** The Impact of Diabetes on Employment: Genetic IVs in a Bivariate Probit, *Health Economics*, 14: 537-544 (May 2005).

**Bastida, E.** Cuellar, I., and Villas, P., (2001) Prevalence of Diabetes Mellitus and Related Conditions in a South Texas Mexican-American Sample, *Journal of Community Health Nursing*, 18, 2, 75-83.

Cardarelli, KM

Carroll JF, Fulda KG, Chiapa AL, Rodriguez M, Phelps DR, **Cardarelli KM**, Vishwanatha JK, Cardarelli R. Impact of race/ethnicity on the relationship between visceral fat and inflammatory markers. *Obesity*. In press.

Carroll JF, Chiapa AL, Rodriguez M, Phelps DR, **Cardarelli KM**, Vishwanatha JK, Bae S, Cardarelli R. Visceral fat, waist circumference and body mass index: Impact of race/ethnicity. *Obesity* 2008;16:600-7.

Kurian A, **Cardarelli KM**. Racial and ethnic differences in the effect of cardiovascular risk factors on heart disease: a systematic review. *Ethn Dis* 2007;17:143-52.

Johnson, ES

Faramawi MF, Wildman R, **Johnson ES**. The association between depressive symptoms and common carotid artery atherosclerosis in American Persons  $\geq 65$  years of age. *Am J Cardiol* 99:1610-1613, 2007.

Reyes-Ortiz, CA

**Reyes-Ortiz CA**, Ju H, Eschbach K, Kuo Y-F, Goodwin JS. Neighborhood ethnic composition and diet among Mexican Americans. *Public Health Nutrition* (in press).

## **Environmental and Occupational Health**

Johnson, ES

**Johnson ES**, Zhou Y. Noncancer mortality in supermarket meat workers. *J Occup Environ Med*. 49(8): 846-852, 2007.

**Johnson ES**. Meat Workers – A Suitable Population for Investigating Possible Role of Some Transmissible Agents in Chronic Diseases in Humans. *Cellscience* <http://www.cellscience.com/journal/journalindex.asp> July 27, 2005

Netto GF and **Johnson ES**. Mortality in Workers in Poultry Slaughtering/Processing Plants - The Missouri Poultry Cohort Study. *Occup Environ Med*. 60: 784-788, 2003

Lee, Joon-Hak

Jib Ho Lee, **Joon-Hak Lee** \*, Moo Sang Kim, and Seog Gee Park. 2009. Analysis of Foodborne Disease Outbreaks for Improvement of Food Safety Programs in Seoul, Republic of Korea. *Journal of Environmental Health* (scheduled to be published in Mar. 2009)

**Joon-Hak Lee\***, Matt Stahl\*\*, Scott Sawlis, Sumi Suzuki, and Jib Ho LEE\*\*. 2009. A Potential Risk Assessment of a Dengue Outbreak in North Central Texas, USA: Part I. Abundance and Temporal Variation of Dengue Vectors, *Aedes (Ae.) aegypti* and *Ae. albopictus*. *Journal of Environmental Health* (Accepted for publication)

**Joon-Hak Lee\***, Matt Stahl\*\* , Scott Sawlis, and Sumi Suzuki. 2009. A Potential Risk Assessment of a Dengue Outbreak in North Central Texas, USA: Part II. Development of a practical prevention strategy. *Journal of Environmental Health* (Accepted for publication)

Sarah J. Kogut, Charles Thill, Melissa A. Prusinski, **Joon-Hak Lee**, P. Bryon Backenson, James Coleman, Madhu Anand, Dennis J. White. 2005. The First Evidence of Local Transmission of *Babesia Microti* in Upstate New York. *Emerging Infectious Disease* 11(3): 476--478.

Lisa A. Patrican, Laura E. Hackett, James E, Briggs, Jay W. McGowan, Thomas R. Unnasch, and **Joon-Hak Lee**. 2007. Feeding patterns of *Culex pipiens* and *Culex restuans* in relation to trap habitat, New York State. *Emerging Infectious Disease* 13 (12): 1921-1923.

**Joon Hak Lee**, Hassan Hassan, Geoff Hill, Eddie W. Cupp, Tarig B. Higazi, Carl J. Mitchell, Marvin S. Godesy, Jr., and Thomas R. Unnasch. 2002. Identification of Mosquito Avian-Derived Blood Meals by Polymerase Chain Reaction-Heteroduplex Analysis. *Journal of American Tropical Medicine and Hygiene* 66(5): 599--604.

#### Ramphal, Lilly

**Ramphal, Lilly**. Firefighter cardiovascular risk factor intervention study began in 2008 and is currently ongoing

**Ramphal, Lilly**. Tuberculosis in Physicians. *American Journal of Infection Control* 8/1996

**Ramphal, Lilly**. The Impact of Occupational Medicine Specialty Practice on Industry in a Community. *Journal of Occupational Medicine Editorials* July 1998

#### Sterling, David

**Sterling, D**. Positional accuracy and geographic bias of three methods of geocoding in epidemiologic research. *Annals of Epidemiology*, 17:464-470, 2007.

**Sterling, D** Genetic variant predisposes smokers to develop chronic obstructive pulmonary disease. *Pharmacogenomics*, 8 (8):87-887 (2007).

**Sterling, D** The Relationship Between School Absence, Academic Performance and Asthma Status. *Journal of School Health*, 78(3):140-148, 2008.

**Sterling, D** Examining the Consulting Physician Model to Enhance the School Nurse Role for Children with Asthma. *Journal of School Health*, 79(1): 1-7 2009.

**Sterling, D** Validity and Reliability of an Occupational Exposure Questionnaire for Welding. *Journal of Occupational and Environmental Hygiene*, under review June 2008, accepted December 2008.

## Health Services, Health Utilization, Access to Health Care

### Bastida, E.

Brown, S., Pagan, J. and **Bastida, E.** The Cost of Uninsurance on the US Mexico Border, International Competition and the Demand for Health Insurance in the US: Evidence from the Texas-Mexico Border Region (accepted) *International Journal of Health Care Finance and Economics*

**Bastida, E.**, Brown, S. & Pagan, J. Persistent Health Disparities along the US Mexico Border: An Ecological Approach, *American Journal of Public Health*, November 2008, Vol 98,11.

**Bastida, E.**, Brown, S., Pagan, J. Health Insurance Coverage and Health Care Utilization along the U.S.-Mexico Border: Evidence from the Border Epidemiologic Study of Aging. *Aging in the Americas*. Springer Publishers, 2006. J. Angel & K. Whitfield (Eds.).

### Cardarelli, K.

Cardarelli R, **Cardarelli KM.** Editorial: Recommendations for primary care physicians to improve HPV vaccination rates during clinical encounters. *Osteopathic Medicine and Primary Care*. 2008; 2:10.

### Kurz, RS

Wilson K, Gillespie K, **Kurz, R.** Cost-utility analysis of the provision of consulting physician services to enhance the school nurse role for children with asthma. *Journal of School Health*, in press.

Wilson K, Moonie S, Sterling D, Gillespie K, **Kurz R.** Examining the consulting physician role to enhance the school nurse role for children with asthma. *Journal of School Health*, in press.

Wilson K, **Kurz R.** Bridging implementation and institutionalization within organizations: Proposed employment of continuous quality improvement to further dissemination). *Journal of Public Health Management and Practice* 14, 1 (March-April, 2008): 109-116.

**Kurz R.**, Scharff D, Terry T, Alexander S, Waterman A. Factors influencing organ donation decisions by African Americans: A review of the literature. *Medical Care Research and Review* 64, 5 (October, 2007): 475-517.

**Kurz R.** Quality Assurance and Quality Improvement. In *Maxcy-Rosenau-Last Public Health and Preventive Medicine*, R.B. Wallace (ed.). Stamford, CN: Appleton and Lange, 2006.

### Lackan, NA

**Lackan NA.**, Eschbach KE, **Stimpson JP.**, Freeman JL, Goodwin JS. Ethnic differences in in-hospital place of death among older adults in California: effects of individual and contextual characteristics and medical resource supply. *Medical Care* (in press).

## **Health Disparities** (Miscellaneous topics not included above)

### Cardarelli, K

**Cardarelli KM**, Ylitalo KR, Jackson RS. Policy approaches to health equity: Fundamental determinants and increased diversity. *Williams Review* 2007;Fall(vol 2):31-57.

Cardarelli R, **Cardarelli KM**, Chiapa AL. The modifying effects of education and income on Hispanics reporting perceived discrimination. *Hispanic J Health Behav* 2007; 29:401-7.

### Lurie, S

*Health-Seeking Behavior in Ethnic Populations*. Gibbs and **Lurie**, editors. Lewiston, N.Y.: The Edwin Mellen Press, 2007.

Urrutia-Rojas X, Trevino E, Mingua-Bayona, **Lurie S**, Marshall K. Disparities in Access to Health Care between Documented and Undocumented Mexican Immigrants in North Texas. *Hispanic Health Care International*, Spring, 2006.

## **Women's Health**

### Coggin, C.

Coustasse, A, Singh K, Lurie S, Lin YS, **Coggin, C**, Trevino FM. Gender Disparities: A medical detoxification program. *Journal of Hospital Marketing & Public Relations*, 18(1), (2007): 21-37.

Marshall, K, Urrutia-Rojas X, Soto-Mas F, & **Coggin, C**. Health status and access to health care of documented and undocumented immigrant Mexican women. *Journal of Health Care for Women International*. 2005.