18. REFERENCES

- Abela, D., Howe, A.M., Oakes, D.A., & Webster, W.S. (2005). Maternal antioxidant supplementation does not reduce the incidence of phenytoin-induced cleft lip and related malformations in rats. *Birth Defects Research Part B: Developmental and Reproductive Toxicology*, 74, 201-206.
- Adair, L.S. (2001). Size at birth predicts age at menarche. *Pediatrics* 107(4), e59.
- Agresti, A. (1984). Analysis of ordinal categorical data. New York: Wiley.
- Agyeman, J. (2005). Where justice and sustainability meet. *Environment*. 47, 10-23.
- Ahlgren, M., Melbye, M., Wohlfahrt, J., & Sorensen, T.I. (2004). Growth patterns and the risk of breast cancer in women. *New England Journal of Medicine*, *351*, 1619-1626.
- Akinbami, L. (2006). *The state of childhood asthma, United States, 1980-2005* (pp. 1-24). Advanced Data from vital and health statistics, no. 381. Hyattsville, MD: National Center for Health Statistics.
- Albalak, R., McElroy, R.H., Noonan, G., Buchanan, S., Jones, R.L., Flanders, W.D., et al. (2003). Blood lead levels and risk factors for lead poisoning among children in a Mexican smelting community. *Archives of Environmental Health*, 58, 172-183.
- Albers, C., & Grieve, A. (2007). Test Review: Bayley, N. (2006). Bayley Scales of Infant and Toddler Development, Third Edition. *Journal of Psychoeducational Assessment*, 25, 180-198.
- Alexander, G., Himes, J., Kaufman, R., Mor, J., & Kogan, M. (1996). A United States national reference for fetal growth. *Obstetrics & Gynecology*, 87, 163-168.
- Alexander, G.R., & Allen, M.C. (1996). Conceptualization of measurement, and use of gestational age–I. Clinical and public health practice. *Journal of Perinatology*, *16*, 53-59.
- American Academy of Allergy, Asthma, and Immunology [AAAAI]. (2005). *The Allergy Report*. Retrieved May 24, 2007, from http://www.theallergyreport.com/reportindex.html
- American Lung Association Epidemiology and Statistics Unit, Research and Program Services. *Trends in asthma morbidity and mortality*. New York: American Lung Association, July 2006. Retrieved from http://www.lungusa.org.
- American Psychiatric Association. (2000). *Diagnostic and Statistical Manual of Mental Disorders, DSM-IV* (4th ed.). Washington, DC: Author.
- Ananth, C.V., Joseph, K.S., Demissie, K., & Vintzileos, A.M. (2005). *American Journal of Obstetrics & Gynecology*, 193, 1076-1082.
- Anderson, J.L., Waller, D.K., Canfield, M.A., Shaw, G.M., Watkins, M.L., & Werler, M.M. (2005). Maternal obesity, gestational diabetes, and central nervous system birth defects. *Epidemiology*, *16*, 87-92.
- Anderson, L.M., Diwan, B.A., Fear, N.T., & Roman, E. (2000). Critical windows of exposure for children's health: Cancer in human epidemiological studies and neoplasms in experimental animal models. *Environmental Health Perspectives*, 108, 573-593.

- Anderson, S.E., Dallal, G.E., & Must, A. (2003). Relative weight and race influence average age at menarche: Results from two national representative surveys of U.S. girls studied 25 years apart. *Pediatrics*, 111(4), 844-850.
- Anderson, V.A., Catroppa, C., Haritou, F., Morse, S., Pentland, L., Rosenfeld, J., et al. (2001). Predictors of acute child and family outcome following traumatic brain injury in children. *Pediatric Neurosurgery*, 34, 138-48.
- Anderson, V.A., Catroppa, C., Morse, S., Haritou, F., & Rosendfeld, J. (2000). Recovery of intellectual ability following traumatic brain injury in childhood: Impact of injury severity and age at injury. *Pediatric Neurosuergery*, 32, 282-290.
- Andersson, R. & Menckel, E. (1995). On the prevention of accidents and injuries: A comparative analysis of conceptual frameworks. *Accident Analysis and Prevention*, 27, 757-768.
- Anderton, D.L., Oakes, J.M., Fraser, M.R. & Anderson, A.B. (1994). Environmental equity: The demographics of dumping. *Demography*, 31, 229-248.
- Andrade, A.J., Grande, S.W., Talsness, C.E., Grote, K., Golombiewski, A., Sterner-Kock, A., et al. (2006). A dose-response study following in utero and lactational exposure to di-(2-ethylhexyl) phthalate (DEHP): Effects on androgenic status, developmental landmarks and testicular histology in male offspring rats. *Toxicology*, 225, 64-74.
- Andrews, W.W., Hauth, J.C., & Goldenberg, R.L. (2000). Infection and preterm birth. *American Journal of Perinatology*, 17, 357-365.
- Andrieu, N., & Goldstein, A. (1998). Epidemiologic and genetic approaches in the study of geneenvironment interaction: An overview of available methods. *Epidemiological Review*, 20, 137-147.
- Aneshensel, C.S. & Sucoff, C.A. (1996). The neighborhood context of adolescent mental health. *Journal of Health and Social Behavior*, *37*, 293-310.
- Anway, M., & Skinner, M. (2006). Epigenetic transgenerational actions of endocrine disruptors. *Endocrinology*, 147(6), s43-s49.
- Anway, M.D., Cupp, A.S., Uzumcu, M., & Skinner, M.K. (2005). Epigenetic transgenerational actions of endocrine disruptors and male fertility. *Science*, *308*(5727), 1466-1469.
- Arner, P. (1998). Not all fat is alike. Lancet, 351, 1301-1302.
- Arshad, S.H., Kurukulaaratchy, R.J., Fenn, M., & Matthews, S. (2005). Early life risk factors for current wheeze, asthma, and bronchial hyperresponsiveness at 10 years of age. *Chest*, 127(2), 502-508.
- Arvidsson, D., Slinde, F., & Hulthen, L. (2005). Physical activity questionnaire for adolescents validated against doubly labelled water. *European Journal of Clinical Nutrition*, *59*, 376-383.
- Ashby, J., Tinwell, H., Stevens, J., Pastoor, T., & Breckenridge, C.B. (2002). The effects of atrazine on the sexual maturation of female rats. *Regulatory Toxicology and Pharmacology*, *35*(3), 468-473.

- Azziz, R., Woods, K.S., Reyna, R., Key, T.J., Knochenhauer, E.S., & Yildiz, B.O. (2004). The prevalence and features of the polycystic ovary syndrome in an unselected population. *Journal of Clinical Endocrinology and Metabolism*, 89(6), 2745-2749.
- Bagalkote, H., Pang, D., & Jones, P.B. (2001). Maternal influenza and schizophrenia in offspring. *International Journal of Mental Health*, 39, 3-21.
- Baillargeon, R., Normand, C., Seguin, J., Zoccolillo, M., Japel, C., Perusse, D., et al. (2007). The evolution of problem and social competence behaviors during toddlerhood: A prospective population based cohort survey. *Infant Mental Health Journal*, 28, 12-38.
- Baker, S.P., O'Neill, B., Ginsburg, M.J., & Guohua, Li. (1992). *The injury fact book* (2nd ed.). New York: Oxford University Press.
- Ballard, J.L., Khoury, J.C., Wedig, K., Wang, L., Eilers-Walsman, B.L., & Lipp, R. (1991). New Ballard Score, expanded to include extremely premature infants. *The Journal of Pediatrics*, 119, 417-423.
- Barker, D. (2005). The developmental origins of insulin resistance. Hormone Research, 64(Suppl. 3), 2-7.
- Barker, D.J. (1995). Fetal origins of coronary heart disease. British Medical Journal, 311, 171-174.
- Barker, D.J., Winter, P.D., Osmond, C., Margetts, B., & Simmonds, S.J. (1989). Weight in infancy and death from ischaemic heart disease. *Lancet*, 2, 577-580.
- Barker, D.J.P. (1994). Mothers, babies and disease in later life. London: BMJ Publishing Group.
- Barker, D.J.P., & Osmond, C. (1986). Infant mortality, childhood nutrition, and ischaemic heart disease in England and Wales. *Lancet*, *1*(8589), 1077-1081.
- Barker, D.J.P. (Ed.). (1992). Fetal and infant origins of adult disease. London: BMJ Publishing.
- Barlow, N., Phillips, S., Wallace, D., Sar, M., Gaido, K., & Foster, P. (2003). Quantitative Changes in gene expression in fetal rat testes following exposure to di(n-butyl) phthalate. *Toxicological Sciences*, 73, 431-441.
- Barnes, P.D., & Robson, C.D. (2000). CT findings in hyperacute non-accidental brain injury. *Pediatric Radiology*, 30, 74-81.
- Baron, R.M., & Kenny, D.A. (1986). The moderator-mediator variable distinction in social psychological research: Conceptual, strategic, and statistical considerations. *Journal of Personality and Social Psychology*, *51*, 1173-1182.
- Barr, C., Newman, T., Lindell, S., Shannon, C., Champoux, M., Lesch, K.P., et al. (2004). Interaction between serotonin transporter gene variation and rearing condition in alcohol preference and consumption in female primates. *Archives of General Psychiatry*, *61*, 1146-1152.
- Bayley, N. (2006). *Bayley Scales of Infant and Toddler Development: Technical Manual.* San Antonio, TX: Harcourt Assessment (PsychCorp).
- Beck, J.C., Beiswanger, C.M., John, E.M., Satariano, E., & West, D. (2001). Successful transformation of cryopreserved lymphocytes: A resource for epidemiological studies. *Cancer Epidemiology Biomarkers and Prevention*, 10, 551-554.

- Bel, E.H. (2004). Clinical phenotypes of asthma. Current Opinion in Pulmonary Medicine, 10(1), 44-50.
- Belsky, J., Spritz, B., & Crnic, K. (1996). Infant attachment security and affective-cognitive information processing at age 3. *Psychological Science*, 7, 111-114.
- Belsky, J., Vandell, D., Burchinal, M., Clarke-Stewart, A., McCartney, K., & Owen, M. (2007). Are there long-term effects of early child care? *Child Development*, 78, 681-701.
- Benjamini, Y., & Hochberg, Y. (1995). Controlling the false discovery rate: A practical and powerful approach to multiple testing. *Journal of the Royal Statistical Society, Series B: Methodological, 57*, 289-300.
- Berger, R.P., & Kochanek, P.M. (2006). Urinary S100B concentrations are increased after brain injury in children: A preliminary study. *Pediatric Critical Care Medicine*. 7, 557-61.
- Berger, R.P., Dulani, T., Adelson, P.D., Leventhal, J.M., Richichi, R., & Kocha, P.M. (2006). Identification of inflicted traumatic brain injury in well-appearing infants using serum and cerebrospinal markers: A possible screening tool. *Pediatrics*, 117, 325-332.
- Berglund, M., Elinder, C.G., & Järup, L. (2001). *Human exposure assessment: An introduction*. Geneva, Switzerland: World Health Organization.
- Bergman, R.N., Kim, S.P, Catalano, K.J., Hsu, I.R., Chiu, J.D., Kabir, M., et al. (2006). Why visceral fat is bad: mechanisms of the metabolic syndrome. *Obesity*, *14*(Supp. 1), 16S-19S.
- Berkowitz, G.S., Wetmur, J.G., Birman-Deyc, E., Obel, J., Lapinski, R.H., Godbold, J.J.H., et al. (2004). In utero pesticide exposure, maternal paraoxonase activity, and head circumference. *Environmental Health Perspectives*, 112, 388-391.
- Bernstein, I.M., & Catalano, P.M. (1991). Ultrasonographic estimation of fetal body composition for children of diabetic mothers. *Investigative Radiology*, 26, 722-726.
- Bernstein, I.M., Goran, M.I., Amini, S.B., & Catalano, P.M. (1997). Differential growth of fetal tissues during the second half of pregnancy. *American Journal of Obstetrics and Gynecology*, 176, 28-32
- Berrigan, D., & Troiano, R.P. (2002). The association between urban form and physical activity in U.S. adults. *American Journal of Preventive Medicine*, 22, 74-79.
- Berrigan, D., Troiano, R.P., McNeel, T., Disogra, C., & Ballard-Barbash, R. (2006). Active transportation increases adherence to activity recommendations. *American Journal of Preventive Medicine*, 31, 210-216.
- Bhargava, S., Sachdev, H., Fall, C., Osmond, C., Lakshmy, R., Barker, D., et al. (2004). Relation of serial changes in childhood body-mass index to impaired glucose tolerance in young adulthood. *New England Journal of Medicine*, 350, 865-875.
- Bigbee, W.L., Day, R.D., Grant, S.G., Keohavong, P., Xi, L., Zhang, L., et al. (1999). Impact of maternal lifestyle factors on newborn HPRT mutant frequencies and molecular spectrum-initial results from the Prenatal Exposures and Preeclampsia Prevention (PEPP) Study. *Mutation Research*, 431, 279-289.

- Bijur, P., Haslum, M., & Golding, J. (1996). Cognitive outcomes of multiple head injuries in children. *Developmental & Behavioral Pediatrics*, 17(3), 143-148.
- Blanck, H.M., Marcus, M., Tolbert, P.E., Rubin, C., Henderson, A.K., Hertzberg, V.S., et al. (2000). Age at menarche and tanner stage in girls exposed in utero and postnatally to polybrominated biphenyl. *Epidemiology*, 11(6), 641-647.
- Blau, D.M. (1999). The effects of child care characteristics on child development. *Journal of Human Resources*, 34, 786-822.
- Bloom, B., & Dey, A.N. (2006). Summary health statistics for U.S. children: National Health Interview Survey, 2004. National Center for Health Statistics. *Vital Health Statistics*, 10(227).
- Blount, B.C., Silva, M.J., Caudill, S.P., Needham, L.L., Pirkle, J.L., Sampson, E.J., et al. (2000). Levels of seven urinary phthalate metabolites in a human reference population. *Environmental Health Perspectives*, 108, 979-982.
- Blum, R.E., Wei, E.K., Rockett, H.R., Langeliers, J.D., Leppert, J., Gardner, J.D., et al. (1993) Validation of a food frequency questionnaire in native American and caucasian children 1 to 5 years of age. *Maternal and Child Health Journal*, *3*, 167-172.
- Bock, R.D., Wainer, H., Petersen, A., Thissen, D., Murray, J., & Roche, A. (1973). A parameterization for individual human growth curves. *Human Biology*, 45, 63-80.
- Bogyo, M., & Cravatt, B.F. (2007). Genomics and proteomics from genes to function: advances in applications of chemical and systems biology. *Current Opinion in Chemical Biology*, 11, 1-3.
- Bollen, K. (1989). Structural equation modeling with latent variables. New York: Wiley.
- Borkowski, J.G., Ramey, S.L., & Bristol-Power, M. (Eds.) (2002). Parenting and the child's world: Influences on academic, intellectual, and social-emotional development. Mahwah, NJ: Erlbaum.
- Bourdon, K., Goodman, R., Rae, D., Simpson, G., & Koretz, D. (2005). The strengths and difficulties questionnaire: U.S. normative data and psychometric properties. *Journal of the American Academy of Child & Adolescent Psychiatry*, 44, 557-564.
- Bove, F.J., & Knowles, R.B. (2000). Public Health Assessment. Brick Township Autism Investigation. CDC: Agency for Toxic Substances and Disease Registry Division of Health Assessment and Consultation. Retrieved from http://www.atsdr.cdc.gov/HAC/pha/brick/bti_toc.html
- Boyle, C., Decouflé, P., & Yeargin-Allsopp, M. (1994). Prevalence and health impact of developmental disabilities in U.S. children. *Pediatrics*, *93*, 399-403.
- Bradley, R., Caldwell, B.M., Rock, L., Ramey, C.T., Barnard, K.E., Gray, C. et al. (1989). Home environment and cognitive development in the first 3 years of life: A collaborative study involving six sites and three ethnic groups in North America. *Developmental Psychology*, 25, 217-235.
- Brandon, M., Baldi, P., & Wallace, D.C. (2006). Mitochondrial mutations in cancer. *Oncogene*, 25, 4647-4662.

- Braun-Fahränder, C., Riedler, J., Herz, U., Eder, W., Waser, M., Grize, L., et al. (2002). Environmental exposure to endotoxin and its relation to asthma in school-age children. *New England Journal of Medicine*, 347, 869-877.
- Braun-Fahrländer, C., Vuille, J.C., Sennhauser, F.H., Neu, U., Künzle, T., Grize, L., et al. (1997). Respiratory health and long-term exposure to air pollutants in Swiss schoolchildren. *American Journal of Respiratory and Critical Care Medicine*, 155, 1042-1049.
- Breiman, L., & Friedman, J. (1984). Tools for large data set analysis. In E.J. Wegman & J. Smith (Eds.), *Statistical Signal Processing* (pp.191-197). New York: Marcel Dekker Inc.
- Breslow, N.E., & Clayton, D.G. (1993). Approximate inference in generalized linear mixed models, Journal of the American Statistical Association, 1, 9-25.
- Breysse, P., Farr N., Galke, W., Lanphear, B., Morley, R., & Bergofsky, L. (2004). The relationship between housing and health: Children at risk. *Environmental Health Perspectives*, 112, 1583-1588.
- Brick, J.M. & Kalton, G. (1996), Handling missing data in survey research. *Statistical Methods in Medical Research*, 1, 215-238.
- Brick, J.M., Kalton, G., & Kim, J. (2004). Variance estimation with Hot Deck imputation using a model. *Survey Methodology*, 1, 57-66.
- Briggs-Gowan, M., Carter, A., Irwin, J., Wachtel, K., & Cicchetti, D.V. (2004). The brief infant-toddler social and emotional assessment: Screening for social-emotional problems and delays in competence. *Journal of Pediatric Psychology*, 29, 143-155.
- Briggs-Gowan, M., Carter, A., Skuban, E., & Horwitz, S. (2001). Prevalence of Social-Emotional and Behavioral Problems in a Community Sample of 1- and 2-Year-Old Children. *Journal of the American Academy of Child and Adolescent Psychiatry*, 40, 811-819.
- Brody, G., Kim, S., Murry, V.M., & Brown, A. (2004). Protective longitudinal paths linking child competence to behavioral problems among African American siblings. *Child Development*, 75, 455-467.
- Brownson, R.C., Chang, J.J., Eyler, A.A., Ainsworth, B.E., Kirtland, K.A., Saelens, B.E., et al. (2004). Measuring the environment for friendliness toward physical activity: A comparison of the reliability of 3 questionnaires. *American Journal of Public Health*, 94(3), 473-483.
- Brulle, R.J., & Pellow, D.N. (2006). Environmental justice: Human health and environmental inequalities. *Annual Review of Public Health*, 27, 103-124.
- Brunner, H.I., Taylor, J., Britto, M.T., Corcoran, M.S., Kramer, S.L., Melson, P.G., et al. (2006). Differences in disease outcomes between Medicaid and privately insured children: Possible health disparities in juvenile rheumatoid arthritis. *Arthritis & Rheumatism*, 55, 378-384.
- Bryk, A.S., & S.W. Raudenbush. (1992). *Hierarchical linear model: Application and data analysis methods*. Newbury Park, CA: Sage.

- Budtz-Jorgensen, E., Keiding, N., Grandjean, P., Weihe, P., & White, R.F. (2003). Consequences of exposure measurement error for confounder identification in environmental epidemiology. *Statistics in Medicine*, 22, 3089-3100.
- Bukowski, R., Smith, G.C., Malone, F.D., Ball, R.H., Nyberg, D.A., Comstock, C.H., et al. (2007). Fetal growth in early pregnancy and risk of delivering low birth weight infant: prospective cohort study. *British Medical Journal*, 334, 836.
- Bullard, R.D. (1983). Solid waste sites and the black Houston community. *Sociological Inquiry*, *53*, 273-288.
- Bullard, R.D. (1990). Ecological inequities and the new South: Black communities under siege. *Journal of Ethnic Studies*, 17, 101-115.
- Bullard, R.D., & Wright, B.H. (1993). Environmental justice for all: Community perspectives on health and research needs. *Toxicology and Industrial Health*, *9*, 821-841.
- Burri, P.H. (1997). Postnatal development and growth. In R.G. Crystal, J.B. West, E.R. Weibel, & P.J. Barnes, (Eds.), *The Lung: Scientific Foundations* (Vol. 1, pp. 1013-1026). Philadelphia: Lippincott-Raven Publishers.
- Busse, W., & Lemanske, R. (2001). Asthma. New England Journal of Medicine, 344, 350-362.
- Cain, V.S., & Kington, R.S. (2003). Investigating the role of racial/ethnic bias on health outcomes. *American Journal of Public Health*, 93, 191-192.
- Callinan, P.A., & Feinberg, A.P. (2006). The emerging science of epigenomics. *Human Molecular Genetics*, 15(Special 1), R95-R101.
- Cannon, M., Jones, P., Susser, E., van Os, J., & Murray, R. (Eds.). (2002). *The Epidemiology of Schizophrenia*. Cambridge, England: Cambridge University Press.
- Cantu, R.C. (1998). Second-impact syndrome. Clinics in Sports Medicine, 17, 37-44.
- Carbone, P., Giordano, F., Nori, F., Mantovani, A., Taruscio, D., Lauria, L., et al. (2007). The possible role of endocrine disrupting chemicals in the aetiology of cryptorchidism and hypospadias: A population-based case-control study in rural Sicily. *International Journal of Andrology*, 30(1), 3-13.
- Cardon, L.R., & Palmer, L.J. (2003). Population stratification and spurious allelic association. *Lancet*, 361, 598-604
- Carrizales, L., Razo, I., Tellez-Hernandez, J.I., Torres-Nerio, R., Torres, A., Batres, L.E., et al. (2006). Exposure to arsenic and lead of children living near a copper-smelter in San Luis Potosi, Mexico. Importance of soil contamination for exposure of children. *Environmental Research*, 101, 1-10.
- Carroll, R., & Stefanski, L. (1990). Approximate quasi-likelihood estimation in models with surrogate predictors. *Journal of the American Statistical Association*, 85, 652-663.
- Carroll, R.J., Knickerbocker, R.K., & Wang, C.Y. (1995). Dimension reduction in semiparametric measurement error models. *Annals of Statistics*, 23, 161-181.

- Case, A., & Paxson, C. (2006). Children's health and social mobility. The Future of Children, 6, 151-173.
- Caspi, A., McClay, J., Moffitt, T.E., Mill, J., Martin, J., Craig, I.W., et al. (2002). Role of genotype in the cycle of violence in maltreated children. *Science*, 297(5582), 851-854.
- Castro-Rodriguez, J.A., Holberg, C.J., Wright, A.L., & Martinez, F. (2000). A clinical index to define risk of asthma in young children with recurrent wheezing. *American Journal of Respiratory and Critical Care Medicine*, 162, 1403-1406.
- Caughy, M.O., DiPietro, J.A., & Strobino, D.M. (1994). Day-care participation as a protective factor in the cognitive development of low-income children. *Child Development*, 65(2, Special), 457-471.
- Ceccatelli, R., Faass, O., Schlumpf, M., & Lichtensteiger, W. (2006). Gene expression and estrogen sensitivity in rat uterus after developmental exposure to the polybrominated diphenylether PBDE 99 and PCB. *Toxicology*, 220(2-3), 104-116.
- Centers for Disease Control and Prevention [CDC], National Center for Health Statistics. (2003). *Health, United States*, 2003. Retrieved May 10, 2007 from http://www.cdc.gov/nchs/data/hus/hus03.pdf
- Centers for Disease Control and Prevention [CDC], National Center for Health Statistics (2007). National Health and Nutrition Examination Survey Data. Hyattsville, MD: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Retrieved from http://www.cdc.gov/nchs/nhanes.htm.
- Centers for Disease Control and Prevention [CDC], National Center for Injury Prevention and Control (2007). Web-based Injury Statistics Query and Reporting System (WISQARS) [online]. Retrieved from http://www.cdc.gov/ncipc/wisqars.
- Centers for Disease Control and Prevention [CDC]. (1998). Trends in Infant Mortality Attributable to Birth Defects—United States, 1980-1995. *Morbidity & Mortality Weekly Report, 47*(37), 773-778. Retrieved from http://www.cdc.gov/mmwr/preview/mmwrhtml/00054921.htm.
- Centers for Disease Control and Prevention [CDC]. (2003). Second National Report on Human Exposure to Environmental Chemicals. Atlanta, GA: Centers for Disease Control and Prevention; National Center for Environmental Health; Division of Laboratory Sciences. Retrieved from http://www.cdc.gov/exposurereport
- Centers for Disease Control and Prevention [CDC]. (2005). Third national report on human exposure to environmental chemicals. Retrieved August 19, 2005, from http://www.cdc.gov/exposurereport/
- Cesario, S.K., & Hughes, L.A. (2007). Precocious puberty: a comprehensive review of literature. *Journal of Obstetric, Gynecological, and Neonatal Nursing*, *36*, 263-274.
- Chabrol, B., Decarie, J.C., & Fortin, G. (1999). The role of cranial MRI in identifying patients suffering from child abuse and presenting with unexplained neurological findings. *Child Abuse & Neglect*, 23, 217-228.
- Chai, V., Vassilakos, A., Lee, Y., Wright, J.A., & Young, A.H. (2005). Optimization of the PAXgene blood RNA extraction system for gene expression analysis of clinical samples. *Journal of Clinical Laboratory Analysis*, 19, 182-188.

- Chambers, R.L., & Skinner, C.J. (2003). Analysis of Survey Data. Chichester, UK: Wiley.
- Champoux, M., Bennett, A., Shannon, C., Higley, J.D., Lesch, K.P., & Suomi, S.J. (2002). Serotonin transporter gene polymorphism, differential early rearing, and behavior in rhesus monkey neonates. *Molecular Psychiatry*, 7, 1058-1063.
- Chan, C.B., Ryan, D.A.J., & Tudor-Locke, C. (2006). Relationship between objective measures of physical activity and weather: A longitudinal study. *International Journal of Behavioral Nutrition & Physical Activity*, 3, 21.
- Chang, H.S., Anway, M.D., Rekow, S.S., & Skinner, M.K. (2006). Transgenerational epigenetic imprinting of the male germline by endocrine disruptor exposure during gonadal sex determination. *Endocrinology*, 147(12), 5524-5541.
- Chase-Lansdale, P.L., Cherlin, A.J., & Kiernan, K.E. (1995). The long-term effects of parental divorce on the mental health of young adults: A developmental perspective. *Child Development*, *66*, 1614-34.
- Chatterjee, N., Kalaylioglu, Z., Moslehi, R., Peters, U., & Wacholder, S. (2006). Powerful multilocus tests of genetic association in the presence of gene-gene and gene-environment interactions. *American Journal of Human Genetics*, 79, 1002-1016.
- Chauhan, A., & Chauhan, V. (2006). Oxidative stress in autism. *Pathophysiology*, 13, 171-181.
- Chen, E., Fisher, E.B., Bacharier, L.B., & Strunk, R,C. (2003). Socioeconomic status, stress, and immune markers in adolescents with asthma. *Psychosomatic Medicine*, 65, 984-992.
- Chen, E., Martin, A.D., & Matthews, K.A. (2006). Understanding health disparities: The role of race and socioeconomic status in children's health. *American Journal of Public Health*, *96*, 702-708.
- Chen, K. & Li, H. (2005). Semiparametric estimation of the haplotype effects based on case-cohort and nested case-control studies. In preparation.
- Cherlin, A.J., Chase-Lansdale, P.L., & McRae, C. (1998). Effects of parental divorce on mental health through the life course. *American Sociological Review*, *63*, 239-249.
- Cicchetti, D., & Rogosch, F. (1996). Equifinality and multifinality in developmental psychopathology. *Development and Psychopathology*, 8, 597-600.
- Cicchetti, D., Rogosch, F., & Toth, S. (2000). The efficacy of toddler-parent psychotherapy for fostering cognitive development in offspring of depressed mothers. *Journal of Abnormal Child Psychology*, 28, 135-148.
- Cochran, W. (1977). Sampling Techniques (3rd ed.). New York: Wiley.
- Coleman, J. (1988). Social Capital in the creation of human capital. *American Journal of Sociology*, 94, S95-S120.
- Committee on Injury and Poison Prevention (1996). Efforts to Reduce the Toll of Injuries in Childhood Require Expanded Research. *Pediatrics*, 97, 765-768.
- Cook, R.D., & Weisberg, S. (1982). Residuals and influence in regression. New York: Chapman and Hall.

- Cook, S., Weitzman, M., Auinger, P., Nguyen, M., & Dietz, W.H. (2003). Prevalence of a metabolic syndrome phenotype in adolescents. *Archives of Pediatric Adolescent Medicine*, 157(8), 821-827.
- Cooper D.M., Nemet, D., & Galassetti, P. (2004). Exercise, stress, and inflammation in the growing child: From the bench to the playground. *Current Opinions in Pediatrics*, 16, 286-292.
- Cooper, R.L., Goldman, J.G., & Tyrey, L. (1998). The hypothalamus and pituitary as targets for reproductive toxicants. In K. Korach (Ed.), *Reproductive and Developmental Toxicology*, (pp. 195-210). New York: Marcel Dekker, Inc.
- Copas, J.B., & Li, H.G., (1997). Inference for non-random samples. *Journal of the Royal Statistical Society. Series B (Methodological)*, 59, 55-95.
- Correa, A., Cragan, J.D., Kucik, M.E., Alverson, C.J., Gilboa, S.M., et al. (2007). Metropolitan Atlanta congenital defects program 40th anniversary edition surveillance report. *Birth Defects Research Part A*, 79, 72-83.
- Coulton, C., Korbin, J., & Su, M. (1996). Measuring neighborhood context for young children in an urban area. *American Journal of Community Psychology*, 24, 5-32.
- Council on Children With Disabilities, Section on Developmental Behavioral Pediatrics, Bright Futures Steering Committee and Medical Home Initiatives for Children With Special Needs Project Advisory Committee. (2006). Identifying Infants and Young Children With Developmental Disorders in the Medical Home: An Algorithm for Developmental Surveillance and Screening. *Pediatrics*, 118, 405-420.
- Craig, C.L., Marshall, A.L., Sjostrom, M., Bauman, A.E., Booth, M.L., Ainsworth, B.E., et al. (2003). International physical activity questionnaire: 12-country reliability and validity. *Medicine and Science in Sports and Exercise*, 35, 1381-1395.
- Crain, E.F. (2000). Environmental Threats to Children's Health: A Challenge for Pediatrics: 2000 Ambulatory Pediatric Association (APA) Presidential Address. *Pediatrics*, 106(4, Suppl.), 871-875.
- Cummings, E.M., & Davies, P.T. (1994). *Children and marital conflict: The impact of family dispute and resolution*. New York: Guilford.
- Cummings, F.P., Rivara, F., Thompson, R., & Reid, R. (2005). Ability of parents to recall the injuries of their young children. *Injury Prevention*, 11, 43-47.
- Currie, C., Roberts, C., Morgan, A., Smith, R., Settertobulte, W., Samdal, O., et al. (Eds.). (2004). Young people's health in context: International report from the HBSC 2001/02 survey. WHO Policy Series: Health policy for children and adolescents, 4.
- Curtis, W.J., & Cicchetti, D. (2003). Moving research on resilience into the 21st century: Theoretical and methodological considerations in examining the biological contributors to resilience. *Development & Psychopathology*, 15, 773-810.
- Cutrona, C., & Troutman, B. (1986). Social support, infant temperament, and parenting self-efficacy: A mediational model of postpartum depression. *Child Development*, *57*, 1507-1518.

- D'Agostino, R. (1998). Tutorial in biostatistics propensity score methods for bias reduction in the comparison of a treatment to a non-randomized control group. *Statistics in Medicine*, 17, 2265-2281.
- Dabelea, D., & Pettitt, D.J. (2001). Intrauterine diabetic environment confers risks for type 2 diabetes mellitus and obesity in the offspring, in addition to genetic susceptibility. *Journal of Pediatric Endocrinology and Metabolism*, 14(8), 1085-1091.
- Daniels, J., Longnecker, M., Klebanoff, M., Gray, K., Brock, J., Zhou, H., et al. (2003). Prenatal exposure to low-level polychlorinated biphenyls in relation to mental and motor development at 8 months. *American Journal of Epidemiology*, *157*, 495-492.
- Daniels, J.L., Olshan, A.F., Teschke, K., Hertz-Picciotto, I., Savitz, D.A., Blatt, J., et al. (2001). Residential pesticide exposure and neuroblastoma. *Epidemiology*, 12, 20-27.
- David, R.J. (1980). The quality and completeness of birthweight and gestational age data in computerized birth files. *American Journal of Public Health*, 70, 964-973.
- Davidson, P.W., Myers, G.J., Shamlaye, C., Cox, C., & Wilding, G.E. (2004). Prenatal exposure to methyl mercury and child development: influence of social factors. *Neurotoxicology and Teratology*, 26, 553-559.
- Davison, K.K., & Lawson, C.T. (2006). Do attributes in the physical environment influence children's physical activity? A review of the literature. *International Journal of Behavioral Nutrition & Physical Activity*, 3, 19.
- Debey, S., Schoenbeck, U., Hellmich, M., Gathof, B.S., Pillai, R., Zander, T., et al. (2004). Comparison of different isolation techniques prior gene expression profiling of blood derived cells: impact on physiological responses, on overall expression and the role of different cell types. *Pharmacogenomics Journal*, *4*, 193-207.
- Debray, F.G., Lambert, M., Chevalier, I., Robitaille, Y., Decarie, J.-C., Shoubridge, E.A., Robinson, B.H., & Mitchell, G.A. (2007). Long-term outcome and clinical spectrum of 73 pediatric patients with mitochondrial diseases. *Pediatrics*, 119, 722-733.
- Den Hond, E. & Schoeters, G. (2006). Endocrine disrupters and human puberty. *International Journal of Andrology*, 20(1), 264-271.
- Den Hond, E., Roels, H.A., Hoppenbrouwers, K., Nawrot, T., Thijs, L., Vandermeulen, C., et al. (2002). Sexual maturation in relation to polychlorinated aromatic hydrocarbons: Sharpe and Skakkebaek's hypothesis revisited. *Environmental Health Perspectives*, 110(8), 771-776.
- Devereux, G., Turner, S.W., Craig, L.C.A., McNeill, G., Martindale, S., Harbour, P.J., et al. (2006). Low maternal vitamin E intake during pregnancy is associated with asthma in 5-year-old children. *American Journal of Respiratory & Critical Care Medicine*, 174(5), 499-507.
- Devesa, S.S., Blot, W.J., Stone, B.J., Miller, B.A., Tarone, R.E., & Fraumeni, J.F. (1995). Recent cancer trends in the US. *Journal of the Naional Cancer Institute*, 87, 175-182.

- Diaz-Sanchez, D., Garcia, M.P., Wang, M., Jyrala, M., & Saxon, A. (1999). Nasal challenge with diesel exhaust particles can induce sensitization to a neoallergen in the human mucosa. *Journal of Allergy & Clinical Immunology*, 104(6), 1183-1188.
- Diaz-Sanchez, D., Rumold, R., & Gong, H., Jr. (2006). Challenge with environmental tobacco smoke exacerbates allergic airway disease in human beings. *Journal of Allergy and Clinical Immunology*, 118, 441-446.
- Diggle, P.J., Heagerty, P., Liang, K.Y., & Zeger, S.L. (2002). *Analysis of longitudinal data*. New York: Oxford University Press.
- Diggle, P.J., Liang, K.Y., & Zeger, S.L. (1994). *Analysis of longitudinal data*. New York: Oxford University Press.
- Dimmick, J.E., & Kalousek, D.K. (Eds.) (1992). *Developmental pathology of the embryo and fetus*. Philadelphia: J.B. Lippincott.
- Donnelly, J.G. (2001). Folic acid. Critical Reviews in Clinical Laboratory Sciences, 38, 183-223.
- Dötsch, J., Dittrich, U., Rascher, W., & Kiess, W. (1997). Macht Fernsehen beziehung zwischen adipositas bei kindern und jugendlichen und konsum alter und neuer. *Medien. der kinderarzt*, 28, 1351-1356.
- Douwes, J., van Strien, R., Doekes, G., Smit, J., Kerkhof, M., Gerritsen, J., et al. (2006). Does early indoor microbial exposure reduce the risk of asthma? The Prevention and Incidence of Asthma and Mite Allergy birth cohort study. *Journal of Allergy and Clinical Immunology*, 117(5), 1067-1073.
- Duff, G.W. (2006). Evidence for genetic variation as a factor in maintaining health. *American Journal of Clinical Nutrition*, 83, 431S-435S.
- Duncan, B.B., & Ines Schmidt, M. (2006). The epidemiology of low-grade chronic systemic inflammation and type 2 diabetes. *Diabetes Technology and Therapeutics*, 8, 7-17.
- Effros, R.M., & Nagaraj, H. (2007). Asthma: New developments concerning immune mechanisms, diagnosis and treatment. *Current Opinion in Pulmonary Medicine*, 13, 37-43.
- Egger, H.L., & Angold, A. (2004). The preschool age psychiatric assessment (PAPA): A structured parent interview for diagnosing psychiatric disorders in preschool children. In R. Del Carmen Wiggins & A. Carter (Eds.), *Handbook of infant, toddler, and preschool mental health assessment* (pp. 223-243). New York: Oxford University Press.
- Elenkov, I.J. (2004). Glucocorticoids and the Th1/Th2 balance. *Annals of the New York Academy of Sciences*, 1024, 138-146.
- Environmental Protection Agency [EPA]. (1998). *Environmental Health Threats to Children* [EPA Publication No. 175-F-96-001]. Washington, DC: Author.
- Environmental Protection Agency [EPA]. (1998a). *Chemicals-in-commerce information system*. Chemical Update System Database.

- Environmental Protection Agency [EPA]. (1998b). *Chemical hazard data availability study: what do we really know about the safety of high production volume chemicals?* Washington, DC: Environmental Protection Agency, Office of Pollution Prevention and Toxic Substances.
- Environmental Protection Agency [EPA]. (2001). Office of Pesticide Programs: Principles for performing aggregate exposure and risk assessments. Washington, D.C.: Author.
- Environmental Protection Agency [EPA]. (2003). Framework for Cumulative Risk Assessment. Washington, D.C.: Author.
- Ericson, W.A. (1969). Subjective bayesian models in sampling finite populations. *Journal of the Royal Statistical Society. Series B (Methodological)*, 31, 195-233.
- Eriksson, P., Fischer, C., & Fredriksson, A. (2006). Polybrominated diphenyl ethers, a group of brominated flame retardants, can interact with polychlorinated biphenyls in enhancing developmental neurobehavioral defects. *Toxicological Science*, 94(2), 302-309.
- Eskenazi, B., Bradman, A., & Castorina, R. (1999). Exposures of children to organophosphate pesticides and their potential adverse health effects. *Environmental Health Perspectives*, 107(Suppl. 3), 409-419.
- Eskenazi, B., Warner, M., Bonsignore, L., Olive, D., Samuels, S., & Vercellini, P. (2001). Validation study of nonsurgical diagnosis of endometriosis. *Fertility and Sterility*, 76, 929-935.
- Esposito, K., Nappo, F., Marfella, R., Giugliano, G., Giugliano, F., Ciotola, M., et al. (2002). Inflammatory cytokine concentrations are acutely increased by hyperglycemia in humans: Role of oxidative stress. *Circulation*, 106, 2067-2072.
- Evenson, K.R., Birnbaum, A.S., Bedimo-Rung, A.L., Sallis, J.F., Voorhees, C.C., Ring, K., and Elder, J.P. (2006). Girls' perception of physical environmental factors and transportation: reliability and association with physical activity and active transport to school. *International Journal of Behavioral Nutrition and Physical Activity*, 3, 28.
- Ewing, R., Brownson, R.C., & Berrigan, D. (2006). Relationship between urban sprawl and weight of United States youth. *American Journal of Preventive Medicine*, 31, 464-474.
- Ewing, R., Schmid, T., Killingsworth, R., Zlot, A., & Raudenbush, S. (2003). Relationship between urban sprawl and physical activity, obesity, and morbidity. *American Journal of Health Promotion*, 18, 47-57.
- Exec. Order No. 13045, 62 C.F.R., 19885, (1997), reprinted as amended in 13229, 66 C.F.R. 51812, (2001).
- Fagot-Campagna, A., Saaddine, J., Flegal, K., & Beckles, G. (2001). Diabetes, impaired fasting glucose, and elevated HbA1c in U.S. adolescents: The Third National Health and Nutrition Examination Survey. *Diabetes Care*, 24, 834-837.
- Farrell, T., Neale, L., & Cundy, T. (2002). Congenital anomalies in the offspring of women with type 1, type 2 and gestational diabetes. *Diabetic Medicine*, 19(4), 322-326.

- Fenson, L., Pethick, S., Renda, C., Cox, J.L., Dale, P.S., & Reznick, J.S. (2000). Short-form versions of the MacArthur Communicative Development Inventories. *Applied Psycholinguistics*, *21*, 95-115.
- Fenton, S.E., Hamm, J.T., Birnbaum, L.S., & Youngblood, G.L. (2002). Persistent abnormalities in the rat mammary gland following gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). *Toxicological Science*, 67(1), 63-74.
- Fernando, R.L., Nettleton, D., Southey, B.R., Dekkers, J.C., Rothschild, M.F., & Soller, M. (2004). Controlling the proportion of false positives in multiple dependent tests. *Genetics*, *166*, 611-619.
- Field, T. (1995). Infants of depressed mothers. Infant Behavior & Development, 18, 1-13.
- Finkelstein, E.A., Corso, P.S., & Miller, T.R. (2006). *Incidence and Economic Burden of Injuries in the United States*. New York: Oxford University Press.
- Finkelstein, J.N., & Johnston, C.J. (2004). Enhanced sensitivity of the postnatal lung to environmental insults and oxidant stress. *Pediatrics*, 113(4, Suppl.), 1092-1096.
- Fisher, J.S. (2004). Environmental anti-androgens and male reproductive health: focus on phthalates and testicular dysgenesis syndrome. *Reproduction*, 127, 305-315.
- Fiske, D. (1987). Construct invalidity comes from method effects. *Educational and Psychological Measurement*, 47, 258-307.
- Fitzmaurice, G.M., Laird, N.M., & Ware, J.H. (2004). Applied longitudinal analysis. New York: Wiley.
- Flato, S., Hemminki, K., Thunberg, E., & Georgellis, A. (1996). DNA adduct formation in the human nasal mucosa as a biomarker of exposure to environmental mutagens and carcinogens. *Environmental Health Perspectives*, 104(Suppl. 3), 471-473.
- Flegal, K.M., & Troiano, R.P. (2000). Changes in the distribution of body mass index of adults and children in the U.S.population. *International Journal of Obesity*, 24, 807-818.
- Fliss, M.S., Usadel, H., Caballero, O.L., Wu, L., Buta, M.R., Eleff, S.M., et al. (2000). Facile detection of mitochondrial DNA mutations in tumors and bodily fluids. *Science*, 287, 2017-2019.
- Foley, D.L., Eaves, L.J., Wormley, B., Sliberg, J.L., Maes, H.H., Kuhn, J., et al. (2004). Childhood adversity, monoamine oxidase A genotype, and risk for conduct disorder. *Archives of General Psychiatry*, 61, 738-744.
- Frank, L., & Pio, G. (1995). Impacts of mixed use and density on utilization of three modes of travel: Single-occupant vehicle, transit, and walking. *Transportation Research Record*, 1466, 44-52.
- Frank, L., Andressen, M., & Schmid, T. (2004). Obesity relationships with community design, physical activity, and time spent in cars. *American Journal of Preventive Medicine*, 27, 87-96.
- Frank, L., Engelke, P., & Schmid, T. (2003). *Health and community design: The impact of the built environment on physical activity*. Washington, DC: Island Press.
- Freedman, D.S., Khan, L.K., Dietz, W.H., Srinivasan, S.R., & Berenson, G.S. (2001). Relationship of childhood obesity to coronary heart disease risk factors in adulthood: The Bogalusa Heart Study. *Pediatrics*, 108(3), 712-718.

- Freedman, D.S., Serdula, M.K., Srinivasan, S.R., & Berenson, G.S. (1999). Relation of circumferences and skinfold thicknesses to lipid and insulin concentrations in children and adolescents: The Bogalusa Heart Study. *American Journal of Clinical Nutrition*, 69, 308-317.
- Friedlander, S.L., Jackson, D.J., Gangnon, R.E., Evans, M.D., Li, Z., Roberg, K.A., et al. (2005). Viral infections, cytokine dysregulation and the origins of childhood asthma and allergic diseases. *Pediatric Infectious Disease Journal*, 24(11, Suppl.), S170-S176, discussion S174-S175.
- Friedman, J.H. & Popescu, B.E. (2004). *Gradient directed regularization for linear regression and classification*. Stanford University, Department of Statistics. Technical report.
- Friedman, J.H. (1991). Multivariate adaptive regression splines (with discussion). *Annals of Statistics*. 19, 1-141.
- Friedman, M.S., Powell, K.E., Hutwagner, L., Graham, L.M., & Teague, W.G. (2001). Impact of changes in transportation and Commuting behaviors during the 1996 Summer Olympic Games in Atlanta on Air Quality and Childhood Asthma. *Journal of the American Medical Association*, 285, 897-905.
- Frost, G., & Dornhorst, A. (2005). Glycemic Index. In B. Caballero, L. Allen, & A. Prentice (Eds.), *Encyclopedia of nutrition*. Amsterdam: Academic Press.
- Frumkin, H. (2002). Urban sprawl and public health. Public Health Reports, 117, 201-217.
- Fuku, N., Park, K.S., Yamada, Y., Nishigaki, Y., Cho, Y.M., Matsuo, H., et al. (2007). Mitochondrial haplogroup N9a confers resistance against type 2 diabetes in Asians. *American Journal of Human Genetics*, 80, 407-415.
- Fuller-Thomson, E., Hulchanski, J.D., & Hwang S. (2000). The housing/health relationship: What do we know? *Reviews of Environmental Health*, 1(1-2), 109-133.
- Galvez, M.P., Frieden, T.R., & Landrigan, P.J. (2003). Obesity in the 21st century. *Environmental Health Perspectives*, 111, A684-685.
- Garcia Vargas, G.G., Rubio Andrade, M., Del Razo, L.M., Borja Aburto, V., Vera Aguilar, E., & Cebrain, M.E. (2001). Lead exposure in children living in a smelter community in region Lagunera, Mexico. *Journal of Toxicology and Environmental Health Part A*, 62, 417-429.
- Garcia-Closas, M., & Lubin, J.H. (1999). Power and sample size calculations in case-control studies of gene-environment interactions: Comments on different approaches. *American Journal of Epidemiology*, 149, 689-92.
- Garcia-Garcia, M.L., Calvo, C., Casa, I., Bracamonte, T., Rellan, A. Gozalo, F., et al. (2007). Human metapneumovirus bronchiolitis in infancy is an important risk factor for asthma at age 5. *Pediatric Pumonology*, 42, 458-464.
- Gartstein, M., & Rothbart, M. (2003). Studying infant temperament via the Revised Infant Behavior Questionnaire. *Infant Behavior and Development*, 256, 64-86.
- Gauderman, W.J., Avol, E., Gilliland, F., Vora, H., Thomas, D., Berhane, K., et al. (2004). The effect of air pollution on lung development from 10 to 18 years of age. *New England Journal of Medicine*, *351*(11), 1057-1067.

- Gelfand, A.E., & Smith, A.F.M. (1990). Sampling-based approaches to calculating marginal densities. *Journal of the American Statistical Association*, 85, 398-409.
- Gennaro, S. & Hennessy, M.D. (2003). Psychological and physiological stress: Impact on preterm birth. *Journal of Obstetric, Gynecologic, & Neonatal Nursing, 32*, 668-675.
- George, E.I., & McCulloch, R.E. (1993). Variable selection in linear regression. *Journal of the American Statistical Association*, 83, 1023-1036.
- Gergen, P.J., Mortimer, K.M., Eggleston, P.A, Rosenstreich, D., Mitchell, H., Ownby, D., et al. (1999). Results of the National Cooperative Inner-City Asthma Study (NCICAS) environmental intervention to reduce cockroach allergen exposure in inner-city homes. *Journal of Allergy and Clinical Immunology*, 103, 501-506.
- Geys, H., Molenberghs, G., & Ryan. L. (1999). Pseudolikelihood Modeling of Multivariate Outcomes in Developmental Toxicology. *Journal of the American Statistical Association*, 94, 734-745.
- Gibbs, J.R., & Singleton, A. (2006). Application of genome-wide single nucleotide polymorphism typing: simple association and beyond. *PLoS Genetics*, 2, e150.
- Gillberg, C., & Wing L. (1999). Autism: Not an extremely rare disorder. *Acta Psychiatrica Scandinavica*, 99, 399-406.
- Gillman, M.W., Rifas-Shiman, S.L., Camargo, C.A., Jr., Berkey, C.S., Frazier, A.L., Rockett, H.R., et al. (2001). Risk of overweight among adolescents who were breastfed as infants. *Journal of the American Medical Association*, 285(19), 2461-2467.
- Gilman, M. (Ongoing). Project VIVA. Boston: Harvard School of Public Health. Retrieved from http://www.hsph.harvard.edu/merg/t32/faculty/viva.htm
- Gilmore, J.H., Jarskog, L.F., Vadlamudi, S., & Lauder, J.M. (2004). Prenatal infection and risk of schizophrenia: IL-beta, IL-6, TNF-alpha inhibit cortical neuron dendrite development. *Neuropsychopharmacology*, 29, 1221-1229.
- Goepfert, A.R., Jeffcoat, M.K., Andrews, W.W., Faye-Petersen, O., Cliver, S.P., Goldenberg, R.L., et al. (2004). Periodontal disease and upper genital tract inflammation in early spontaneous preterm birth. *Obstetrics and Gynecology, 104*, 777-783.
- Gold, D.R. (2000). Environmental tobacco smoke, indoor allergens, and childhood asthma. *Environmental Health Perspectives*, 108, 643-651.
- Golding, J. (2004). The Avon Longitudinal Study of Parents and Children (ALSPAC)-study design and collaborative opportunities. *European Journal of Endocrinology*, *151*, U119-U123.
- Goldstein, H. (1995). Multilevel statistical models. London: Edward Arnold.
- Gonzalez-Cossio, T., Peterson, K.E., Sanin, L.H., Fishbein, E., Palazuelos, E., Aro, A., et al. (1997). Decrease in birth weight in relation to maternal bone-lead burden. *Pediatrics*, 100, 856-862.
- Goodman, R. (1997). The strengths and difficulties questionnaire: A research note. *Journal of Child Psychology and Psychiatry*, 5, 581-586.

- Gordon, D., Finch, S.J., Nothnagel, M., & Ott J. (2002). Power and sample size calculations for case-control genetic association tests when errors are present: Applications to single nucleotide polymorphisms. *Human Heredity*, 54, 22-33.
- Graf, W.D., Marin-Garcia, J., Gao, H.G., Pizzo, S., Naviaux, R.K., Markusic, D., et al. (2000). Autism associated with the mitochondrial DNA G8363A transfer RNA(Lys) mutation. *Journal of Child Neurology*, 15, 357-361.
- Gray, L.E., Jr., Ostby, J., Cooper, R.L., & Kelce, W.R. (1999). The estrogenic and antiandrogenic pesticide methoxychlor alters the reproductive tract and behavior without affecting pituitary size or LH and prolactin secretion in male rats. *Toxicology and Industrial Health*, 15(1-2), 37-47.
- Gropman, A.L. (2004). The neurological presentations of childhood and adult mitochondrial disease: established syndromes and phenotypic variations. *Mitochondrion*, *4*, 503-520.
- Gropman, A., Chen, T.J., Perng, C.L., Krasnewich, D., Chernoff, E., Tifft, C., et al. (2004). Variable clinical manifestation of homoplasmic G14459A mitochondrial DNA mutation. *American Journal of Medical Genetics A*, 124, 377-382.
- Grosse, S.D., Matte, T.D., Schwartz, J., & Jackson, R.J. (2002). Economic gains resulting from the reduction in children's exposure to lead in the United States [Electronic version]. *Environmental Health Perspectives*, 110, 563-569.
- Guerin, A., Nisenbaum, R., & Ray J.G. (2007). Use of Maternal Glycosylated Hemoglobin Concentration to Estimate the Risk of Congenital Anomalies in the Offspring of Women with Pre-Pregnancy Diabetes Mellitus. *Diabetes Care*, electronic publication ahead of print.
- Gui, J. & Li, H. (2005). Threshold Gradient Descent Method for Censored Data Regression with Applications in Pharmacogenomics. *Pacific Symposium on Biocomputing*, 10, 272-283.
- Gunnell, D., Whitley, E., Upton, M.N., McConnachie, A., Smith, G.D., & Watt, G.C. (2003). Associations of height, leg length, and lung function with cardiovascular risk factors in the Midspan Family Study. *Journal of Epidemiology and Community Health*, *57*, 141-146.
- Guo, X., Huilin, Q., Verfaillie, C.M., & Pan, W. (2003). Statistical significance analysis of longitudinal gene expression data. *Bioinformatics*, 19, 1628-1635.
- Gutbrod, T., Wolke, D., Soehne, B., Ohrt, B., & Rigel, K. (2000). Effects of gestation and birth weight on the growth and development of very low birthweight small for gestational age infants: a matched group comparison. *Archives of Disease in Childhood Fetal and Neonatal Edition*, 82, F208-F214.
- Haddon, W. (1964). Accident research: Methods and approaches. New York: Harper & Row.
- Haddon, W. (1970). Why the issue is loss reduction rather than only crash prevention. *Maryland State Medical Journal*, 19, 55-60.
- Hadlock, F.P., Shah, Y.P., Kanon, D.J., & Lindsay, J.V. (1992). Fetal crown-rump length: Reevaluation of relation to menstrual age (5-18 weeks) with high-resolution real-time US. *Radiology*, 182, 501-505.

- Hafner, H., Maurer, K., Loffler, W., & Riecher-Rossler, A. (1993). The influence of age and sex on the onset and early course of schizophrenia. *British Journal of Psychiatry*, 162, 80-86.
- Hagberg, H., & Mallard, C. (2005). Effect of inflammation on central nervous system development and vulnerability. *Current Opinion in Neurology*, *18*, 117-123.
- Haggerty, R. (1975). Child health and the community. New York: John Wiley & Sons.
- Haji, S.A., Ulusoy, R.E., Patel, D.A., Srinivasan, S.R., Chen, W., Delafontaine, P., et al. (2006). Predictors of left ventricular dilatation in young adults (from the Bogalusa Heart Study). American Journal of Cardiology, 98, 1234-1237.
- Hales, C.N., Barker, D.J.P., Clark, P.M.S., Cox, L.J., Fall, C., Osmond, C., et al. (1991). Fetal and infant growth and impaired glucose tolerance at age 64. *British Medical Journal*, 303, 1019-1022.
- Handy, S. (1996). Understanding the link between urban form and nonwork travel behavior. *Journal of Planning Education and Research*, 15(3), 183-198.
- Handy, S.L., Boarnet, M.G., Ewing, R., & Killinsworth, R.E. (2002). How the built environment affects phucial activity: Views from urban planning. *American Journal of Preventive Medicine*, 23(2, Suppl.), 64-73.
- Hansen, M.H., Hurwitz, W.N., & Madow, W.G. (1953a). Sample survey methods and theory. Volume 1: Methods and applications. New York: Wiley.
- Hansen, M.H., Hurwitz, W.N., & Madow, W.G. (1953b). Sample survey methods and theory. Volume 2: Theory. New York: Wiley.
- Hanson, M., & Gluckman, P. (2005). Developmental processes and the induction of cardiovascular function: conceptual aspects. *The Journal of Physiology*, 565, 27-34.
- Harel, Y., Overpeck, M.D., Jones, D.H., Scheidt, P.C., Bijur, P.E., Trumble, A.C., et al. (1994). The effects of recall on estimating annual nonfatal injury rates for children and adolescents. *American Journal of Public Health*, 84, 599-605.
- Hartville, E.W., Hatch, M.C., & Zhang, J. (2005). Perceived life stress and bacterial vaginosis. *Journal of Women's Health*, 14, 626-633.
- Harvard University, Channing Laboratory. (n.d.). Harvard Service Food Frequency Questionnaire. Retrieved June 10, 2007, from http://regepi.bwh.harvard.edu/health/KIDS/files/4.%20Harvard%20Service%20Food%20Frequenc y%20Questionnaire/1.%20HSFFQ%20Introduction%20and%20Pricing/Introduction.pdf
- Hawley, C.A., Ward, A., Magnay, A., & Long, J. (2002). Children's brain injury: A postal follow-up of 525 children from one health region in the UK. *Brain Injury*, 16, 969-85.
- Hayes, R.B., Smith, C.O., Huang, W.Y., Read, Y., & Kopp, W.C. (2002). Whole blood cryopreservation in epidemiological studies. *Cancer Epidemiology Biomarkers & Prevention*, 11, 1496-1498.

- Hedley, A.A., Ogden, C.L., Johnson, C.L., Carroll, M.D., Curtin, L.R., & Flegal, K.M. (2004). Prevalence of overweight and obesity among U.S. children, adolescents, and adults, 1999-2002. *Journal of the American Medical Association*, 291(23), 2847-2850.
- Heidema, A.G., Boer, J.M., Nagelkerke, N., Mariman, E.C., van der A., D.L., & Feskens, E.J. (2006). The challenge for genetic epidemiologists: how to analyze large numbers of SNPs in relation to complex diseases. *BMC Genetics*, 21, 7-23.
- Henrihsen, T.B., Wilcox, A.J., Hedegaard, M., & Jorgen Secher, N. (1995). Bias in studies of preterm and postterm delivery due to ultrasound assessment of gestational age. *Epidemiology*, *6*, 533-537.
- Herman-Giddens, M.E. (2006). Recent data on pubertal milestones in U.S. children: The secular trend toward earlier development. *International Journal of Andrology*, 29(1), 241-246; discussion 286-290.
- Herman-Giddens, M.E., Slora, E.J., Wasserman, R.C., Bourdony, C.J., Bhapkar, M.V., Koch, G.G., et al. (1997). Secondary sexual characteristics and menses in young girls seen in office practice: A study from the PROS network. *Pediatrics*, 99(4), 505-512.
- Herrera, C., Ochoa, H., Franco, G., Yanez, L., & Diaz-Barriga, F. (2006). Environmental pathways of exposure to DDT for children living in a malarious area of Chiapas, Mexico. *Environmental Research*, 99, 158-163.
- Hinckley, A.F., Bachand, A.M., & Reif, J.S. (2005). Late pregnancy exposures to disinfection-byproducts related to birth outcomes. *Environmental Health Perspectives*, 113(12), 1808-1813.
- Hobel, C.J. (2004). Stress and preterm birth. Clinical Obstetrics & Gynecology, 47, 856-80.
- Hofferth, S.L., Brayfield, A., Deich, S., & Holcomb, P. (1991). *National Child Care Survey, 1990, Report 91-5*. Washington, DC: Urban Institute Press.
- Hofferth, S.L., Shauman, K.A., Henke, R.R., & West, J. (1998). Characteristics of children's early care and education programs: Data from the 1995 National Household Education Survey, Report No. 98-128. Washington, DC: U.S. Department of Education, National Center for Education Statistics.
- Hoffjan, S., Nicolae, D., & Ober, C. (2003). Association studies for asthma and atopic diseases: A comprehensive review of the literature. *Respiratory Research*, 4(4), 14.
- Holder, Y., Peden, M., Krug, E., Lund, J., Gururaj, G., & Kobusingye, O., (Eds). (2001). *Injury surveillance guidelines*. Geneva: World Health Organization.
- Holt, D., & Smith, T.M.F. (1979). Post Stratification. *Journal of the Royal Statistical Society. Series A* (General), 142, 33-46.
- Holt, P.G., & Sly, P.D. (2002). Interactions between respiratory tract infections and atopy in the aetiology of asthma. *European Respiratory Journal*, 19, 538-545.
- Holt, P.G., Macaubas, C., Stumbles, P.A., & Sly, P.D. (1999). The role of allergy in the development of asthma. *Nature*, 402(6760, Suppl.), B12-B17.

- Hong, F., & Li, H. (2006). Functional hierarchical models for identifying genes with different time-course expression profiles. *Biometrics*, 62, 534-544.
- Horning, M., & Lipkin, W.I. (2001). Infectious and immune factors in the pathogenesis of neurodevelopmental disorders: Epidemiology, hypotheses, and animal models. *Mental Retardation & Developmental Disabilities Research Reviews*, 7, 200-210.
- Horowitz, C.R., Colson, K.A., Hebert, P.L. & Lancaster, K. (2004). Barriers to buying healthy foods for people with diabetes: evidence of environmental disparities. *American Journal of Public Health*, 94, 1549-1554.
- Hosmer, D.W., & Lemeshow, S. (1989). Applied logistic regression. New York: Wiley.
- Howdeshell, K.L., Hotchkiss, A.K., Thayer, K.A., Vandenbergh, J.G., & vom Saal, F.S. (1999). Exposure to bisphenol A advances puberty. *Nature*, 401(6755), 763-764.
- Huang, J., Lin, A., Narasimhan, B., Quertermous, T., Hsiung, C.A., Ho, L.T., et al. (2004). Tree-structured supervised learning and the genetics of hypertension. *Proceeding of the National Academy of Sciences*, 101, 10529-10534.
- Hubal, E.A.C., Sheldon, L.S., Burke, J.M., McCurdy, T.R., Berry, M.R., Rigas, M.L., et al. (2000). Children's exposure assessment: A review of factors influencing children's exposure, and the data available to characterize and assess that exposure. *Environmental Health Perspectives*, 108(6), 475-486.
- Humpel, N., Owen, A., & Leslie, E. (2002). Environmental factors associated with adults' participation in physical activity: A review. *American Journal of Preventive Medicine*, 22(3), 188-199.
- Hunsley, J., Best, M., Lefebvre, M., & Vito, D. (2001). The seven item short form of the dyadic adjustment scale: Further evidence for the construct validity. *The American Journal of Family Therapy*, 29(4), 325-335.
- Huston Presley, L., Wong, W.W., Roman, N.M., Amini, S.B., & Catalano, P.M. (2000). Anthropometric estimation of maternal body composition in late gestation. *Obstetrics and Gynecology*, *96*, 33-37.
- Hwang, S.J., Beaty, T.H., Panny, S.R., Street, N.A., Joseph, J.M., Gordon, S., et al. (1995). Association study of transforming growth factor alpha (TGFα) Taq1 polymorphism and oral clefts: Indication of gene-environment interaction in a population-based sample of infants with birth defects. *American Journal of Epidemiology, 141*, 629-636.
- Innes, K., Byers, T., Marshall, J., Barón, A., Orleans, M., & Hamman, R., (2003). Association of a woman's own birth weight with her subsequent risk for pregnancy-induced hypertension. *American Journal of Epidemiology*, 158, 861-870.
- International Human Genome Sequencing Consortium. (2001). Initial sequencing and analysis of the human genome. *Nature*, 409, 860-921.
- International Programme on Chemical Safety [IPCS]. (2006). Environmental Health Criteria 237: Principles for evaluating health risks in children associated with exposure to chemicals. Geneva: World Health Organization.

- Iowa Department of Human Services, Division of Health & Disability Services Access Work Group. (2003). MH/DD Commission—Access Workgroup Meeting Summary. Retrieved June 10, 2007, from http://www.dhs.state.ia.us/dhs2005/mhdd/docs/ReportFebruary2003.doc
- Jackson, R.J. (2003). The impact of the built environment on health: an emerging field. *American Journal of Public Health*, 93, 1382-1384.
- Jacobs, D.E. (2006). A qualitative review of housing hazard assessment protocols in the United States. *Environmental Research*, 102, 13-21.
- Jahnke, G.D., Choksi, N.Y., Moore, J., & Shelby, M. (2004). Thyroid toxicants: Assessing reproductive health effects. *Environmental Health Perspectives*, 112, 363-368.
- Jakupciak, J.P., Wang, W., Markowitz, M.E., Ally, D., Coble, M., Srivastava, S., et al. (2005). Mitochondrial DNA as a cancer biomarker. *Journal of Molecular Diagnostics*, 7, 258-267.
- Jameson, P., Gelfand, D., & Kulscar, E. (1997). Mother-toddler interaction patterns associated with maternal depression. *Development and Psychopathology*, *9*, 537-550.
- Jarvis, J.N. (2006). Gene expression arrays in juvenile rheumatoid arthritis: Will the blind men finally see the elephant? *Current Problems in Pediatric and Adolescent Health Care, 36,* 91-96.
- Jarvis, J.N., Dozmorov, I., Jiang, K., Chen, Y., Frank, M.B., Cadwell, C., et al. (2004). Gene expression arrays reveal a rapid return to normal homeostasis in immunologically-challenged trophoblast-like JAR cells. *Journal of Reproductive Immunology*, *61*, 99-113.
- Jenkins, D.J., Kendall, C.W., Augustin, L.S., Franceschi, S., Hamidi, M., Marchie, A., et al. (2002). Glycemic index: overview of implications in health and disease. *American Journal of Clinical Nutrition*, 76(1), 266S-73S.
- Joffe, M., & Rosenbaum P. (1999). Propensity scores. American Journal of Epidemiology, 150, 327-333.
- Johnson, G.C., Esposito, L., Barratt, B.J., Smith, A.N., Heward, J., Di Genova, G., et al. (2001). Haplotype tagging for the identification of common disease genes. *Nature Genetics*, 29, 233-237.
- Jones, K.L., Smith, D.W, Ulleland, C.N., & Streissguth, A.P. (1973). Pattern of malformation in offspring of chronic alcoholic mothers. *Lancet*, 1, 1267-1271.
- Jöreskog, G.K., & Sörbom, D. (1996). LISREL 8 User's reference guide. Mooresville, IN: Scientific Software.
- Judkins, D., Morganstein, D., Zador, P., Piesse, A., Barrett, B., & Mukhopadhyay, P. (2006). Variable selection and raking in propensity scoring. *Statistics in Medicine*, 26, 1022-1033.
- Juhn, Y.J., Sauver, J.S., Katusic, S., Vargas, D., Weaver, A., & Yunginger, J. (2005). The influence of neighborhood environment on the incidence of childhood asthma: A multilevel approach. *Social Science & Medicine*, 60(11), 2453-2464.
- Kalton, G. (1979). Ultimate Cluster Sampling. *Journal of the Royal Statistical Society. Series A* (General), 142, 210-222.

- Kalton, G. (2002). Models in the practice of survey sampling (revisited). *Journal of Official Statistics*, 18, 129-154.
- Kalton, G., & Kasprzyk, D. (1986). The treatment of missing survey data. Survey Methodology, 12, 1-16.
- Kaplowitz, P.B., Slora, E.J., Wasserman, R.C., Pedlow, S.E., & Herman-Giddens, M.E. (2001). Earlier onset of puberty in girls: Relation to increased body mass index and race. *Pediatrics*, 108(2), 347-353.
- Kattan, M., Stearns, S.C., Crain, E.F., Stout, J.W., Gergen, P.J., Evans, R. 3rd, et al. (2005). Cost-effectiveness of a home-based environmental intervention for inner-city children with asthma. *Journal of Allergy and Clinical Immunology*, 116, 1058-1063.
- Kaufman, A.S., & Kaufman, N.L. (2004). *Kaufman Brief Intelligence Test, Second Edition* (KBIT-2). Circle Pines, MN: AGS Publishing.
- Keenan, K., & Shaw, D.S. (1994). The development of aggression in toddlers: A study of low-income families. *Journal of Abnormal Child Psychology*, 22, 53-77.
- Keith, T. (2007). Human genome-wide association studies: Achieving sufficient power to detect disease genes with the Quebec founder population. *Genetics*, 27, 1-15.
- Kelada, S.N., Eaton, D.L., Wang, S.S., Rothman, N.R., & Khoury, M.J. (2003). The role of genetic polymorphisms in environmental health. *Environmental Health Perspectives*, 111, 1055-1064.
- Kelsoe, J.R. (2004). Genomics and the Human Genome Project: implications for psychiatry. *International Review of Psychiatry*, *16*, 294-300.
- Kimmel, C.A., Collman, G.W., Fields, N., & Eskenazi, B. (2005). Lessons learned fro the National Children's Study from the National Institute of Environmental Health Sciences/U.S. Environmental Protection Agency Centers for Children's Environmental Health and Disease Research. *Environmental Health Perspectives*, 113, 1414-1418.
- King, M.E., Mannino, D.M., & Holguin, F. (2004). Risk factors for asthma incidence. A review of recent prospective evidence. *Panminerva Medica*, 46(2), 97-110.
- Kirsh, S.J., & Cassidy, J. (1997). Preschoolers' attention to and memory for attachment-relevant information. *Child Development*, 68, 1143-1153.
- Kish, L. (1965). Survey sampling. New York: Wiley.
- Kish, L. (1995). Methods for design effects. Journal of Official Statistics, 11, 55-77.
- Kiyohara, C., & Yoshimasu, K. (2007). Genetic polymorphisms in the nucleotide excision repair pathway and lung cancer risk: A meta-analysis. *International Journal of Medical Sciences*, 4, 59-71.
- Kleeberger, C.A., Lyles, R.H., Margolick, J.B., Rinaldo, C.R., Phair, J.P., & Giorgi, J.V. (1999). Viability and recovery of peripheral blood mononuclear cells cryopreserved for up to 12 years in a multicenter study. *Clinical and Diagnostic Laboratory Immunology*, *6*, 14-19.
- Kochanska, G. (1995). Children's temperament, mothers discipline, and security of attachment: multiple pathways to emerging internalization. *Child Development*, 66, 597-615.

- Kochanska, G. (1997). Multiple pathways to conscience for children with different temperaments: From toddlerhood to age 5. *Developmental Psychology*, *33*, 228-240.
- Kofman, O., Berger, A., Massarwa, A., Friedman, A., & Jaffar, A.A. (2006). Motor inhibition and learning impairments in school-aged children following exposure to organophosphate pesticides in infancy. *Pediatric Research*, 60(1), 88-92.
- Korn, E., & Graubard, B. (1999). Analysis of health surveys. New York: Wiley.
- Kramer, M., Platt, R., Wen, S., Joseph, K.S., Allen, A., Abrahamowicz, M., et al. (2001). A new and improved population-based Canadian reference for birth weight for gestational age. *Pediatrics*, 108, e35.
- Krieger, J., & Higgins, D.L. (2002). Housing and Health: Time again for public health action. *American Journal of Public Heath*, 92, 758-768.
- Krstevska-Konstantinova, M., Charlier, C., Craen, M., Du, C.M., Heinrich, C., de Beaufort, C., et al. (2001). Sexual precocity after immigration from developing countries to Belgium: evidence of previous exposure to organochlorine pesticides. *Human Reproduction*, 16(5), 1020-1026.
- Kuczynski, L., & Kochanska, G. (1990). Development of children's noncompliance strategies from toddlerhood to age 5. *Developmental Psychology*, 26, 398-408.
- Kujoth, G.C., Bradshaw, P.C., Haroon, S., & Prolla, T.A. (2007). The role of mitochondrial DNA mutations in mammalian aging. *PLoS Genetics*, *3*, e24.
- Kuriyama, S.N., Talsness, C.E., Grote, K., & Chahoud, I. (2005). Developmental exposure to low-dose PBDE-99: Effects on male fertility and neurobehavior in rat offspring. *Environmental Health Perspectives*, 1132(2), 149-154.
- Kyrklund-Blomberg, N.B., Granath, F., & Cnattingius, S. (2005). Maternal smoking and causes of very preterm birth. *Acta Obstet Gynecol Scand.*, 84(6), 572-577.
- Laaksonen, D., Lakka, H.M., Niskanen, L., Kaplan, G., Salonen, J., & Lakka, T. (2002). Metabolic syndrome and development of diabetes mellitus: application and validation of recently suggested definitions of the metabolic syndrome in a prospective cohort study. American Journal of *Epidemiology*, 156, 1070-1077.
- Laird, N.M. & Lange, C. (2006). Family-based designs in the age of large-scale gene-association studies. *National Review of Genetics*, *7*, 385-394.
- Laird, P.W. (2005). Cancer epigenetics. Human Molecular Genetics, 14, R65-R76.
- Lammer, E.J., Shaw, G.M., Iovannisci, D.M., & Finnell, R.H. (2005). Maternal smoking, genetic variation of glutathione s-transferases, and risk for orofacial clefts. *Epidemiology*, *16*, 698-701.
- Lampe, J.W., Stepaniants, S.B., Mao, M., Radich, J.P., Dai, H., Linsley, P.S., et al. (2004). Signatures of environmental exposures using peripheral leukocyte gene expression: tobacco smoke. *Cancer Epidemiology Biomarkers & Prevention*, 13, 445-453.

- Landrigan, P., Garg, A., & Droller, D.B. (2003). Assessing the effects of endocrine disruptors in the National Children's Study. *Environmental Health Perspectives*, 111(13), 1678-1682.
- Landrigan, P.J., Kimmel, C.A., Correa, A., & Eskenazi, B. (2004). Children's health and the environment: public health issues and challenges for risk assessment. *Environmental Health Perspectives*, 112, 257-265.
- Landrigan, P.J., Schechter, C.B., Lipton, J.M., Fahs, M.C., & Schwartz, J. (2002). Environmental pollutants and disease in American children: estimates of morbidity, mortality, and costs for lead poisoning, asthma, cancer, and developmental disabilities. *Environmental Health Perspectives* 110(7), 721-728.
- Lanphear, B.P., Vorhees, C.V., & Bellinger, D.C. (2005). Protecting children from environmental toxins. *Public Library of Science Medicine*, *2*, 203-208.
- Lau, S., Illi, S., Platts-Mills, T.A., Riposo, D., Nickel, R., Gruber, C., et al. (2005). Longitudinal study on the relationship between cat allergen and endotoxin exposure, sensitization, cat-specific IgG and development of asthma in childhood—Report of the German Multicentre Allergy Study (MAS 90). *Allergy*, 60(6), 766-773.
- LaVange, L.M., Stearns, S.C., Lafata, J.E., Koch, G.G., & Shah, B.V. (1996). Innovative strategies using SUDAAN for analysis of health surveys with complex samples. *Statistical Methods in Medical Research*, 5, 311-329.
- Lavigne, J.V., Arend, R., Rosenbaum, D., Binn, H.J., Christoffel, K.K., & Gibbons, R.D. (1998). Psychiatric disorders with onset in the preschool years, I: stability of diagnoses. *Journal of the American Academy of Child and Adolescent Psychiatry*, 37, 1246-1254.
- Lee, P.A. (2005). Fertility after cryptorchidism: Epidemiology and other outcome studies. *Urology*, 66(2), 427-431.
- Lee, P.A., Guo, S.S., & Kulin, H.E. (2001). Age of puberty: Data from the United States of America. *APMIS*, 109(2), 81-88.
- Lee, W.J., Cantor, K.P., Berzofsky, J.A., Zahm, S.H., & Blair, A. (2004). Non-Hodgkin's lymphoma among asthmatics exposed to pesticides. *International Journal of Cancer*, 111, 298-302.
- Leng, X., & Muller, H.G. (2006). Classification using functional data analysis for temporal gene expression data. *Bioinformatics*, 22, 68-76.
- Lester, B., & Tronick, E.Z. (2005). *Neonatal Intensive Care Unit Network Neurobehavioral Scale (NNNS) Manual.* Baltimore, MD: Brookes Publishing.
- Lester, B.M., Tronick, E.Z., LaGasse, L.L., Seifer, R., Bauer, C., Shankaran, S., et al. (2002). The Maternal Lifestyle Study (MLS): Effects of substance exposure during pregnancy on neurodevelopmental outcome in 1-month old infants. *Pediatrics*, 110, 1182-1192.
- Leventhal, T., & Brooks-Gunn, J. (2000). The neighborhoods they live in: The effects of neighborhood residence on child and adolescent outcomes. *Psychological Bulletin*, 126(2), 309-337.

- Lewin Group (2000). Revised literature review and report. Submitted to Department of Health and Human Services, Assistant Secretary for Planning and Evaluation.
- Li, J., & Burmeister, M. (2005). Genetical genomics: Combining genetics with gene expression analysis. *Human Molecular Genetics*, *14*, R163-R169.
- Li, R., & Grummer-Strawn, L. (2002). Racial and ethnic disparities in breastfeeding among United States infants: Third National Health and Nutrition Examination Survey, 1988-1994. *Birth*, 29, 251-257.
- Liang, K.Y., & Zeger, S.L. (1986). Longitudinal data analysis using generalized linear models. *Biometrika*, 73, 13-22
- Lidsky, T.I., & Schneider, J.S. (2003). Lead neurotoxicity in children: Basic mechanisms and clinical correlates. *Brain*, 126, 5-19.
- Lilienthal, H., Hack, A., Roth-Harer, A., Grande, S.W., & Talsness, C.E. (2006). Effects of developmental exposure to 2,2',4,4',5-pentabromodiphenyl ether (PBDE-99) on sex steroids, sexual development, and sexually dimorphic behavior in rats. *Environmental Health Perspectives*, 114(2), 194-201.
- Lin, D.Y. (2004). Haplotype-based association analysis in cohort studies of unrelated individuals. *Genetic Epidemiology*, 26, 255-264.
- Lindsey, J.K., & Lambert, P. (1998). On the appropriateness of marginal models for repeated measurements in clinical trials. *Statistics in Medicine*, 17, 447-469.
- Linet, M.S., Ries, L.A., Smith, M.A., Tarone, R.E., & Devesa, S.S. (1999). Cancer surveillance series: recent trends in childhood cancer incidence and mortality in the United States. *Journal of the National Cancer Institute*, 91(12), 1051-1058.
- Lioy, P.J. (1999). ISEA, The Wesolowski Award Lecture, 1998, Exposure analysis: Reflections on its growth and aspirations for its future. *Journal of Exposure Analysis and Environmental Epidemiology*, 9, 273-281.
- Lioy, P.J., Freeman, N.C., & Millette, J.R. (2002). Dust: A metric for use in residential and building exposure assessment and source characterization. *Environmental Health Perspectives*, 110, 969-983.
- Litonjua, A.A., Rifas-Shiman, S.L., Ly, N.P., Tantisira, K.G., Rich-Edwards, J.W., Camargo, Jr., C.A., et al. (2006). Maternal oxidant intake in pregnancy and wheezing illnesses in children at 2 y of age. *American Journal of Clinical Nutrition*, 84(4), 903-911.
- Little, R., & Rubin, D. (2002). Statistical analysis with missing data. New York: Wiley.
- Little, R.J. (2004). To model or not to model? Competing modes of inference for finite population sampling. *Journal of the American Statistical Association*, 99, 546-556.
- Lobel, M. (1994). Conceptualizations, measurement, and effects of prenatal maternal stress on birth outcomes. *Journal of Behavioral Medicine*, 17, 225-272.

- Loeken, M.R. (2006). Advances in understanding the molecular causes of diabetes-induced birth defects. *Journal of the Society for Gynecological Investigation*, 13, 2-10.
- Longnecker, M.P., Bellinger, D.C., Crews, D., Eskenazi, B., Silbergeld, E.K., Woodruff, T.J., et al. (2003). An approach to assessment of endocrine disruption in the National Children's Study. *Environmental Health Perspectives*, 111(13), 1691-1697.
- Lopez, R. (2004). Urban sprawl and risk for being overweight or obese. *American Journal of Public Health*, 94(9), 1574-1579.
- Ludwig, D.S. (2002). The glycemic index: Physiologic mechanisms relating to obesity, diabetes, and cardiovascular disease. *Journal of the American Medical Association*, 287, 2414-2423.
- Lyons-Ruth, K., Wolfe, R., Lyubchik, A., & Steingard, R. (2002). Depressive symptoms in parents of children under age 3: Sociodemographic predictors, current correlates, and associated parenting behaviors. In N. Halfon, K. McLearn, & M. Schuster (Eds.), *Child rearing in America: Challenges facing parents with young children* (pp. 217-259). New York: Cambridge University Press.
- Ma, G., Troxel, A., & Heitjan, D. (2005). An index of local sensitivity to nonignorable drop-out in longitudinal modeling. *Statistics in Medicine*, 24, 2129-2150
- Macaubas, C., Prescott, S.L., Venaille, T.J., Holt, B.J., Smallacombe, T.B., Sly, P.D., et al. (2000). Primary sensitization to inhalant allergens. *Pediatric Allergy & Immunology*, *11*(Suppl. 13), 9-11.
- Maher Rasmussen, K. (2001). The "fetal origins" hypothesis: Challenges and opportunities for maternal and child nutrition. *Annual Review of Nutrition*, 21, 73-95.
- Malone, D.C., Lawson, K.A., & Smith, D.H. (2000). Asthma: An analysis of high-cost patients. *Pharmacy Practice Management Quarterly*, 20(1), 12-20.
- Mannino, D.M., Homa, D.M., Akinbami, L.J., Moorman, J.E., Gwynn, C., & Redd, S.C. (2002). Surveillance for asthma—United States, 1980-1999. *Morbidity & Mortality Weekly Report*, 51(Surveillance summaries 1), 1-13.
- Mannino, D.M., Homa, D.M., Pertowski, C.A., Ashizawa, A., Nixon, L.L., Johnson, C.A., et al. (1998). Surveillance of Asthma—United States, 1960-1995. *Morbidity & Mortality Weekly Report*, 47, (Surveillance Summaries 1), 471-428
- Mannino, D.M., Homa, D.M., Pertowski, C.A., Ashizawa, A., Nixon, L.L., Johnson, C.A., et al. (1998). Surveillance for Asthma—United States, 1960-1995. *Morbidity & Mortality Weekly Report*, 47(Surveillance summaries 1), 1-28.
- Manolio, T.A., Bailey-Wilson, J.E., & Collins, F.S. (2006). Opinion: Genes, environment and the value of prospective cohort studies. *Nature Reviews Genetics*, 7, 812-820.
- Marcelino, L.A., & Thilly, W.G. (1999). Mitochondrial mutagenesis in human cells and tissues. *Mutation Research*, 434, 177-203.
- Mares, M.L. (1996). *Positive effects of television on social behavior: A meta-analysis*. (Annenberg Public Policy Center Report Series, No. 3). Philadelphia: Annenberg Public Policy Center.

- Marker, D., Fraser, A., & Viet, S.M. (2001). First National Environmental Health Survey of Child Care Centers, Draft Final Report—Design and Methodology. Prepared for Office of Healthy Homes and Lead Hazard Control, U.S. Department of Housing and Urban Development, Washington, DC.
- Marshall, W.A., & Tanner, J.M. (1969). Variations in pattern of pubertal changes in girls. *Archives of Disease in Childhood*, 44, 291-303.
- Marshall, W.A., & Tanner, J.M. (1970). Variations in the pattern of pubertal changes in boys. *Archives of Disease in Childhood*, 45, 13-23.
- Marteau, J.B., Mohr, S., Pfister, M., & Visvikis-Siest, S. (2005). Collection and storage of human blood cells for mRNA expression profiling: A 15-month stability study. *Clinical Chemistry*, *51*, 1250-1252.
- Martinez, F.D. (2000). Context dependency of markers of disease. *American Journal of Respiratory & Critical Care Medicine*, 162(2, Pt. 2), S56-S57.
- Martinez, F.D., & Helms, P.J. (1998). Types of asthma and wheezing. *European Respiratory Journal*, 27(Suppl.), 3-8.
- Marubini, E., & Valsecchi, M.G. (1995). *Analysing survival data from clinical trials and observational studies*. New York: Wiley.
- Masayesva, B.G., Mambo, E., Taylor, R.J., Goloubeva, O.G., Zhou, S., Cohen, Y., et al. (2006). Mitochondrial DNA content increase in response to cigarette smoking. *Cancer Epidemiology Biomarkers and Prevention*, 15, 19-24.
- Matte, T.D., & Jacobs, D.E. (2000). Housing and Health-Current issues and implications for research and programs. *Journal of Urban Health*, 77, 7-25.
- Mattson, S., & Riley, E. (1998). A review of the neurobehavioral deficits in children with fetal alcohol syndrome or prenatal exposure to alcohol. *Alcoholism: Clinical and Experimental Research*, 22, 297-294.
- McCarthy, P.J. (1966). Replication: An approach to the analysis of data from complex surveys. *Vital and Health Statistics. Series 2, Data Evaluation and Methods Research*, 14, 1-38.
- McCormack, G.R., Giles-Corti, B., & Bulsara, M. (2007). The relationship between destination proximity, destination mix and physical activity behaviors. *Preventive Medicine*, electronic publication ahead of print.
- McCullagh, P., & Nelder, J.A. (1989). Generalized linear models. New York: Chapman and Hall.
- McDaniel, M., Paxson, C., & Waldfogel, J. (2006). Racial disparities in childhood asthma in the United States: Evidence from the National Health Interview Survey, 1997 to 2003. *Pediatrics*, 117(5), e868-e877.
- McDonald, T.A. (2005). Polybrominated diphenylether levels among United States residents: Daily intake and risk of harm to the developing brain and reproductive organs. *Integrated Environmental Assessment and Management*, 1(4), 343-354.

- McGinn, A.P., Evenson, K.R., Herring, A.H., Huston, S.L., & Rodriguez, D.A. (2007). Exploring associations between physical activity and perceived and objective measures of the built environment. *Journal of Urban Health*, 84(2), 162-184.
- McGrew, K.S., & Woodcock, R.W. (2001). *Technical manual: Woodcock-Johnson III*. Itasca, IL: Riverside Publishing.
- Meyer, U., Nyffeler, M., Engler, A., Urwyler, A., Schedlowski, M., Knuesel, I., et al. (2006). The time of prenatal immune challenge determines the specificity of inflammation-mediated brain and behavioral pathology. *Journal of Neuroscience*, 26(18), 4752-5762.
- Midthune, D., Subar, A., Thompson, F., Potischman, N., Schatzkin, A., Troiano, R.P., et al. (2006, April 27-29). *Re-OPEN: Comparing effect of measurement error in 4-day food records, FFQ and 24-hour recalls using biomarkers of protein and energy.* Paper presented at the 6th International Conference on Dietary Assessment Methods, in Copenhagen, Denmark.
- Misra, D.P., O'Campo, P., & Strobino, D. (2001). Testing a sociomedical model for preterm delivery. *Pediatric and Perinatal Epidemiology*, 15, 110-122.
- Mitchell, L. (1997). Differentiating between fetal and maternal genotypic effects, using the transmission test for linkage disequilibrium. *American Journal of Human Genetics*, 60, 1006-1007.
- Mogensen, M., Sahlin, K., Fernstrom, M., Glintborg, D., Vind, B.F., Beck-Nielsen, H., et al. (2007). Mitochondrial respiration is decreased in skeletal muscle of patients with type 2 diabetes [Electronic version]. *Diabetes*, 56(6), 1592-1599.
- Mohr, S., Leikauf, G.D., Keith, G., & Rihn, B.H. (2002). Microarrays as cancer keys: An array of possibilities. *Journal of Clinical Oncology*, 20, 3165-3175.
- Molcho, M., Harel, Y., Pickett, W., Scheidt, P.C., Mazur, J., & Overpeck, M.D. (2006). The epidemiology of non fatal injuries among 11, 13 and 15 year old youth in 11 Countries: findings from the 1998 WHO-HBSC cross national survey. *International Journal of Injury Control and Safety Promotion*, 13, 205-211.
- Moloughney, B. (2004). *Housing and population health–The state of current research*. Paper presented to the Ontario Non-Profit Housing Association, Toronto, Ontario, Canada.
- Moore, J.H. (2003). The ubiquitous nature of epistasis in determining susceptibility to common human diseases. *Human Heredity*, *56*, 73-82.
- Morgan, M.K., Sheldon, L.S., Croghan, C.W., Jones, P.A., Robertson, G.L., Chuang, J.C., et al. (2005). Exposures of preschool children to chlorpyrifos and its degradation product 3,5,6-trichloro-2-pyridinol in their everyday environments. *Journal of Exposure Analysis & Environmental Epidemiology*, 15, 297-309.
- Morin, I., Morin, L., Zhang, X., Platt, R., Blondel, B., Bréart, G., et al. (2005). Determinants and consequences of discrepancies in menstrual and ultrasonographic gestational age estimates. *BJOG:* An International Journal of Obstetrics and Gynaecology, 112, 145-152.

- Morland, K., Wing, S., & Diez Roux, A. (2002a). The contextual effect of the local food environment on residents' diets: The atherosclerosis risk in communities study. *American Journal of Public Health*, 92, 1761-1767.
- Morland, K., Wing, S., Diez Roux, A., & Poole, C. (2002). Neighborhood characteristics associated with the location of food stores and food service places. *American Journal of Preventive Medicine*, 22, 23-29.
- Mulligan, G.M., Brimhall, D., & West, J. (2005). *Child care and early education arrangements of infants, toddlers, and preschoolers: 2001* (NCES Publication No. 2006-039). Washington, DC: U.S. Government Printing Office.
- Murray, C.S., Simpson, B., Kerry, G., Woodcock. A, & Custovic, A. (2006). Dietary intake in sensitized children with recurrent wheeze and healthy controls: A nested case-control study. *Allergy*, *61*, 438-442.
- Muthén, B., & Muthén, L. (2004). MPLUS (Version 3.1) [Computer software]. Los Angeles: Author.
- National Academy of Sciences, Committee on Developmental Toxicology. (2000). *Scientific frontiers in developmental toxicology and risk assessment*. Washington, DC: National Academies Press.
- National Academy of Sciences, Institute of Medicine, Division of Health Promotion and Disease Prevention. (2000). *Clearing the air: Asthma and indoor air exposures*. Washington, DC: National Academies Press.
- National Children's Study Workshop. (2004, September 8). Collection and Use of Genetic Information.
- National Institute of Child Health and Human Development [NICHD] Early Child Care Research Network. (2002). Early child care and children's development prior to school entry: Results from the NICHD Study of Early Child Care. *American Educational Research Journal*, 39, 133-164.
- National Institute of Child Health and Human Development [NICHD], Early Child Care Research Network. (2003). Social functioning in first grade: Associations with earlier home and child care predictors and with current classroom experiences. *Child Development*, 74, 1639-1662.
- National Institutes of Health [NIH]. (2004). *National Heart, Lung and Blood Institute Chartbook*. Washington, DC: U.S. Department of Health and Human Services.
- National Research Council [NRC]. (1991). *Human Exposure Assessment for Airborne Pollutants*: *Advances and Opportunities*. Washington, DC: National Academies Press.
- National Research Council [NRC]. (1993). *Pesticides in the Diets of Infants and Children*. Washington, DC: National Academy Press.
- National Research Council, Food & Nutrition Board. (1986). *Nutrient Adequacy: Assessment Using Food Consumption Surveys*. Washington, DC: National Academy Press.
- Naviaux, R.K. (2000). Mitochondrial DNA disorders. *European Journal of Pediatrics*, 159(Suppl.), S219-S226.

- Needham, L.L., Ozkaynuk, H., Whyatt, R.M., Barr, D.B., Wang, R.Y., Naeher, L., et al. (2005). Exposure assessment in the National Children's Study: Introduction. *Environmental Health Perspectives*, 113, 1076-1082.
- Nelson, K.B., & Willoughby, R.E. (2002). Overview: Infection during pregnancy and neurological outcome in the child. *Mental Retardation and Developmental Disabilities Research Reviews*, 8(1), 1-2.
- Nepomnaschy, P.A., Welch, K.B., McConnell, D.S., Low, B.S., Strassmann, B.I., & England, B.G. (2006). Cortisol levels and very early pregnancy loss. *Proceedings of the National Academy of Sciences*, 103(10), 3938-3942.
- Newacheck, P.W., & Halfon, N. (2000). Prevalence, impact, and trends in childhood disability due to asthma. *Archives of Pediatric and Adolescent Medicine*, 154(3), 287-293.
- Newman, T., Syagailo, Y., Barr, C., Wendland, J., Champoux, M., Graessle, M., et al. (2005). Monoamine Oxidase A Gene Promoter Variation and Rearing Experience Influences Aggressive Behavior in Rhesus Monkeys. *Biological Psychiatry*, *57*, 167-172.
- Newschaffer, C.J., Falb, M.D., & Gurney, J.G. (2005). National autism prevalence trends from United States special education data. *Pediatrics*, 115, 277-282.
- Nielsen, C.T., Skakkebaek, N.E., Richardson, D.W., Darling, J.A., Hunter, W.M., Jorgensen, M., et al. (1986). Onset of the release of spermatozoa (spermarche) in boys in relation to age, testicular growth, pubic hair, and height. *Journal of Clinical Endocrinology and Metabolism*, 62, 532-535.
- Nielsen, G.L., Norgard, B., Puho, E., Rothman, K.J., Sorensen, H.T., & Czeizel, A.E. (2005). Risk of specific congenital abnormalities in offspring of women with diabetes. *Diabetic Medicine*, 22, 693-696.
- Ober, C., & Hoffjan, S. (2006). Asthma genetics 2006: The long and winding road to gene discovery. *Genes and Immunity*, 7(2), 95-100.
- Ogden, C.L., Carroll, M.D., Curtin, L.R., McDowell, M.A., Tabak, C.J., & Flegal K.M. (2006). Prevalence of overweight and obesity in the United States, 1999-2004. *Journal of the American Medical Association*, 295, 1549-1555.
- Ogden, C.L., Flegal, K.M., Carroll, M.D., & Johnson, C.L. (2002). Prevalence and trends in overweight among US children and adolescents, 1999-2000. *Journal of the American Medical Association*, 288(14), 1728-1732.
- Ogden, C.L., Fryer, C.D., Carroll, M.D., & Flegal, K.M. (2004). Mean body weight, height, and body mass index, United States 1960-2002. *Advance Data, 347*, 1-17. Retrieved from http://www.cdc.gov/nchs/data/ad/ad347.pdf
- Olson, C.T., Blank, J.A., & Menton, R.G. (1998). Neuromuscular effects of low level exposures to Sarin, pyridostigmine, DEET, and chlorpyrifos. *Drug and Chemical Toxicology*, 21(Suppl. 1), 149-169.
- Orio, F., Jr., Palomba, S., Cascella, T., Savastano, S., Lombardi, G., & Colao, A. (2007). Cardiovascular complications of obesity in adolescents. *Journal of Endocrinological Investigation*, *30*, 70-80.

- Orwin R., Cadell, C., Chu, A., Kalton, G., Maklan, D., Morin, C., et al. (June 2006). *Evaluation of the National Youth Anti-Drug Media Campaign*. Report prepared for the National Institute on Drug Abuse (Contract No. N01DA-8-5063), Washington DC: Westat.
- Özkaynak, H., Whyatt, R.M., Needham, L.L., Akland, G., & Quackenboss, J. (2005). Exposure Assessment Implications for the Design and Implementation of the National Children's Study. *Environmental Health Perspectives*, 113, 1108-1115.
- Pahl, A. & Brune, K. (2002). Stabilization of gene expression profiles in blood after phlebotomy. *Clinical Chemistry*, 48, 2251-2253.
- Pallasaho, P., Ronmark, E., Haahtela, T., Sovijarvi, A.R., & Lundback, B. (2006). Degree and clinical relevance of sensitization to common allergens among adults: A population study in Helsinki, Finland. *Clinical & Experimental Allergy*, *36*(4), 503-509.
- Palta, M., & Lin, C.Y. (1999). Latent variables, measurement error and methods for analysing longitudinal binary and ordinal data. *Statistics in Medicine*, 18, 385-396.
- Pandya, R.J., Solomon, G., Kinner, A., & Balmes, J.R. (2002). Diesel exhaust and asthma: Hypotheses and molecular mechanisms of action. *Environmental Health Perspectives*, 110(Supp. 1), 103-112.
- Pararas, M.V., Skevaki, C.L., & Kafetzis, D.A. (2006). Preterm birth due to maternal infection: Causative pathogens and modes of prevention. *European Journal of Clinical Microbiology and Infectious Diseases*, 25, 562-569.
- Park, J.S., Park, C.W., Lockwood, C.J., & Norwitz, E.R. (2005). Role of cytokines in preterm labor and birth. *Minerva Ginecologic*, *57*, 349-366.
- Parsons, T.J., Power, C., Logan, S., & Summerbell, C.D. (1999). Childhood predictors of adult obesity: A systematic review. *International Journal of Obesity and Related Metabolic Disorders*, 23(Suppl. 8), S1-107.
- Patterson, G., DeGarmo, D., & Knutson, N. (2000). Hyperactive and antisocial behaviors: Comorbid or two points in the same process? *Development and Psychopathology*, 12, 91-106.
- Paulozzi, L.J. (1999). International trends in rates of hypospadias and cryptorchidism. *Environmental Health Perspectives*, 107, 297-302.
- Paulozzi, L.J., Erickson, J.D., & Jackson, R.J. (1997). Hypospadias trends in two U.S. surveillance systems. *Pediatrics*, 100(5), 831-834.
- Pawlak, D.B., Kushner J.A., & Ludwig, D.S. (2004). Effects of dietary glycaemic index on adiposity, glucose homeostasis, and plasma lipids in animals. *Lancet*, *364*, 778-785.
- Peisner-Feinberg, E.S., Burchinal, M.R., Clifford, R.M., Culkin, M.L., Howes, C., Kagan, S.L., et al. (2001). The relation of preschool child-care quality to children's cognitive and social developmental trajectories through second grade. *Child Development*, 72(5), 1534-1553.
- Penta, J.S., Johnson, F.M., Wachsman, J.T., & Copeland, W.C. (2001). Mitochondrial DNA in human malignancy. *Mutation Research*, 488, 119-133.

- Perry, S.W., Norman, J.P., Litzburg, A., & Gelbard, H.A. (2004). Antioxidants are required during the early critical period, but not later, for neuronal survival. *Journal of Neuroscience Research*, 78, 485-492.
- Pickett, W., Dostaler, S., Janssen, I., Craig, W., Simpson, K., Shelley, D., & Boyce, W.F. (2006). Associations between risk behaviour and injury and the protective roles of social environments: an analysis of 7,235 Canadian school-aged children. *Injury Prevention*, 12, 87-92.
- Pickett, W., Molcho, M., Simpson, K., Janssen, I., Kuntsche, E., Mazur, J., et al. (2005). Cross-national study of injury and social determinants in adolescents. *Injury Prevention*, 11, 213 218.
- Pietrobelli, A., Malavolti, M., Fuiano, N., & Faith, M.S. (2007). The invisible fat. *Acta Paediatrica Supplement*, 96, 35-38.
- Pineda-Zavaleta, A.P., Garcia-Vargas, G., Borja-Aburto, V.H., Acosta-Saavedra, L.C., Vera Aguilar, E., Gomez, A., et al. (2004). Nitric oxide and superoxide anion production in monocytes from children exposed to arsenic and lead in region Lagunera, Mexico. *Toxicololgy and Applied Pharmacology*, 198, 283-290.
- Pinkerton, K.E., & Joad, J.P. (2006). Influence of air pollution on respiratory health during perinatal development. *Clinical & Experimental Pharmacology & Physiology*, 33(3), 269-272.
- Platts-Mills, T., Vaughan, J., Squillace, S., Woodfolk, J., & Sporik, R. (2001). Sensitization, asthma, and a modified Th2 response in children exposed to cat allergen: A population-based cross-sectional study. *The Lancet*, 357, 752-756.
- Pohl, H.G., Joyce, G.F., Wise, M., & Cilento, B.G., Jr. (2007). Pediatric urologic disorders. In M.S. Litwin, & C.S. Saigal (Eds.), *Urologic Diseases in America* (NIH Publication No. 07–5512; pp. 379-418). Washington, DC: U.S. Government Printing Office.
- Pottenger, L., Domoradzki, J., Markham, D., Hansen, S., Cagen, S., & Waechter, J., Jr. (2000). The relative bioavailability and metabolism of bisphenol A in rats is dependent upon the route of administration. *Toxicological Sciences*, *54*, 3-18.
- Poulter, N.R., Chang, C.L., MacGregor, A.J., Snieder, H., & Spector, T.D. (1999). Association between birth weight and adult blood pressure in twins: Historical cohort study. *British Medical Journal*, 319, 1330-1333.
- Price, L.P., Pattern, N.J., Plenge, R., Weinblatt, M.E., Shadick, N.A., & Reich, D. (2006). Principal components analysis corrects for stratification in genome-wide association studies. *Nature Genetics*, 38, 904-909.
- Pritchard, J.K., & Rosenberg, N.A. (1999). Use of unlinked genetic markers to detect population stratification in association studies. *American Journal of Human Genetics*, 65, 220-228.
- Radloff, L.S. (1977). The CES-D Scale: A self-report depression scale for research in the general population. *Applied Psychological Measurement*, 1(3), 385-401.
- Raine, A., Brennan, P., & Mednick, S.A. (1997). Interaction between birth complications and early maternal rejection in predisposing individuals to adult violence: Specificity to serious, early-onest violence. *American Journal of Psychiatry*, 154, 1265-1271.

- Rainen, L., Oelmueller, U., Jurgensen, S., Wyrich, R., Ballas, C., Schram, J., et al. (2002). Stabilization of mRNA expression in whole blood samples. *Clinical Chemistry*, 48, 1883-1890.
- Rapoport, J.L., Addington, A.M., Frangou, S., & Psych, M.R. (2005). The neurodevelopmental model of schizophrenia: Update 2005. *Molecular Psychiatry*, *10*, 434-449.
- Rasmussen, S.A., Mulinare, J., Khoury, M.J., & Maloney, E.K. (1990). Evaluation of birth defect histories obtained through maternal interviews. *American Journal of Human Genetics*, 46, 478-485.
- Reich, D. & Patterson, N. (2005). Will admixture mapping work to find disease genes? Philosophical transactions of the Royal Society of London. *Series B, Biological sciences, 360*, 1605-1607.
- Research Triangle Institute. (2004). SUDAAN Language Manual, Release 9.0. Research Triangle Park, NC: Research Triangle Institute.
- Rhee, K.E., Lumeng, J.C., Appugliese, D.P., Kaciroti, N., & Bradley, R.H. (2006). Parenting styles and overweight status in first grade. *Pediatrics*, 117(6), 2047-2054.
- Rhodes, D.G., Moshfegh, A., Cleveland, L., Murayi, T., Baer, D., Sebastian, R., et al. (2004). Accuracy of 24-hour dietary recalls: Preliminary results from USDA AMPM Validation Study [abstract]. *The Federation of American Societies for Experimental Biology Journal, 18*(4), A111. Retrieved June 10, 2007, from http://www.ars.usda.gov/research/publications/publications.htm?SEO_NO_115=160570.
- Rice, D., & Barone, Jr., S. (2000). Critical periods of vulnerability for the developing nervous system: evidence from humans and animal models. *Environmental Health Perspectives*, 108(Suppl. 3), 511-533.
- Ritchie, M.D., Hahn, L.W., & Moore, J.H. (2003). Power of multifactor dimensionality reduction for detecting gene-gene interactions in the presence of genotyping error, missing data, phenocopy, and genetic heterogeneity. *Genetic Epidemiology*, 24, 150-157.
- Rivara, F., & Villaveces, A. (2001). *Longitudinal Studies of Injuries on Children*. Report commissioned by the National Children's Study from Harborview Injury Prevention and Research Center, University of Washington, Seattle, WA.
- Rivara, F.P. (1999). Pediatric injury control in 1999: Where do we go from here? *Pediatrics*, 103, 883-888.
- Robins, D., & DuMont-Mathieu, T. (2006). Early screening for autism spectrum disorders: update on the modified checklist for autism in toddlers and other measures. *Developmental and Behavioral Pediatrics*, 27S, 111-119.
- Robins, D., Fein, D., Barton, M., & Green, J. (2001). The Modified Checklist for Autism in Toddlers: An initial study investigating the early detection of autism and pervasive developmental disorders. *Journal of Autism and Developmental Disorders*, 31, 131-144.
- Robins, J.M. (1995a). An analytic method for randomized trials with informative censoring: Part I. *Lifetime Data Analysis*, *1*, 241-254.

- Robins, J.M. (1995b). An analytic method for randomized trials with informative censoring: Part II. *Lifetime Data Analysis*, *1*, 417-434.
- Rodenhiser, D., & Mann, M. (2006). Epigenetics and human disease: Translating basic biology into clinical applications. *Canadian Medical Association Journal*, 174, 341-348.
- Rodier, P., & Hyman, S. (1998). Early environmental factors in autism. *Mental Retardation and Developmental Disabilities Research Reviews*, 4(2), 121-128.
- Roemmich, J.N., Epstein, L.H., Raja, S., Yin, L. Robinson, J., & Winewicz, D. (2006). Association of access to parks and recreational facilities with the physical activity of young children [Electronic version]. *Preventive Medicine*, 43(6), 437-441.
- Rogan, W.J., Gladen, B.C., Guo, Y.L., & Hsu, C.C. (1999). Sex ratio after exposure to dioxin-like compounds in Taiwan. *Lancet*, 353, 206-207.
- Rogers, J.F., & Dunlop, A.L. (2006). Air pollution and very low birth weight infants: a target population. *Pediatrics*, 118, 156-164.
- Romero, R., Espinoza, J., Chaiworapongsa, T., & Kalache, K. (2002). Infection and prematurity and the role of preventive strategies. *Seminars in Neonatology*, 7, 259-274.
- Romitti, P.A., Burns, T.L., & Murray, J.C. (1997). Maternal interview reports of family history of birth defects: evaluation from a population-based case-control study of orofacial clefts. *American Journal of Medical Genetics*, 72, 422-429.
- Rosenbaum, P., & Rubin, D. (1983). The central role of the propensity score in observational studies for causal effects. *Biometrika*, 70, 41-55.
- Rosenbaum, P., & Rubin, D. (1984). Reducing bias in observational studies using subclassification on the propensity score. *Journal of the American Statistical Association*, 79, 516-524.
- Rosenberg, B. (1973). Linear regression with randomly dispersed parameters. *Biometrika*, 60, 61-75.
- Ross, C., & Dunning, A. (1997). Land Use Transportation Interaction: An examination of the 1995 NPTS Data. Atlanta, GA: Georgia Institute of Technology. Retrieved June 10, 2007, from http://npts.ornl.gov/npts/1995/Doc/landuse3.pdf
- Rothbart, M. (1981). Measurement of temperament in infancy. Child Development, 52, 569-578.
- Rothbart, M., & Goldsmith, H.H. (1985). Three approaches to the study of infant temperament. *Developmental Review*, 5, 237-260.
- Royall, R.M. (1970). On finite population sampling theory under certain linear regression models. *Biometrika*, *57*, 377-387
- Rubin, B.S., Murray, M.K., Damassa, D.A., King, J.C., & Soto, A.M. (2001). Perinatal exposure to low doses of bisphenol A affects body weight, patterns of estrous cyclicity, and plasma LH levels. *Environmental Health Perspectives*, 109(7), 675-680.
- Rubin, D.B. (1976). Inference and missing data. *Biometrika*, 63, 581-590.

- Rubin, D.B. (1978). Multiple imputations in sample surveys: A phenomenological Bayesian approach to nonresponse. ASA Proceedings of the Section on Survey Research Methods, 20-28.
- Rubin, D.B. (1987). Multiple imputation for nonresponse in surveys. New York: Wiley.
- Rubin, D.B. (2007). The design versus the analysis of observational studies for causal effects: parallels with the design of randomized studies. *Statistics in Medicine*, 26, 20-36.
- Ruiz, R.J., Fullerton, J., & Dudley, D.J. (2003). The interrelationship of maternal stress, endocrine factors and inflammation on gestational length. *Obstetrics and Gynecological Surveys*, *58*, 415-428.
- Ruppert, D., Wand, M.P., & Carroll, R.J. (2003). *Semiparametric regression*. Cambridge, England: Cambridge University Press.
- Rust, K.F., & Rao, J.N.K. (1996). Variance estimation for complex surveys using replication techniques. *Statistical Methods in Medical Research*, *5*, 283-310.
- Rutter, M. (1989). Pathways from childhood to adult life. *Journal of Child Psychology and Psychiatry*, 30, 23-51.
- Rutter, M. (2005). Incidence of autism spectrum disorders: changes over time and their meaning. *Acta Paedictrica*, 94, 2-15.
- Rutter, M., & Quinton, D. (1977). Psychiatric disorders: Ecological factors and concepts of causation. In H. McGurk (Ed.), *Ecological factors in human development* (pp.173-187). Amsterdam, Holland: North-Holland.
- Sabatti, C., Service, S., & Freimer, N. (2003). False discovery rate in linkage and association genome screens for complex disorders. *Genetics*, 164, 829-833.
- Saelens, B.E., Sallis, J.F., & Frank, L.D. (2003). Environmental correlates of walking and cycling: findings from the transportation, urban design, and planning literatures. *Annals of Behavioral Medicine*, 25(2), 80-91.
- Salam, M.T., Li, Y.F., Langholz, B., & Gilliland, F.D. (2004). Early-life environmental risk factors for asthma: Findings from the Children's Health Study. *Lancet*, *363*, 119-125.
- Salkever, D.S. (1995). Updated estimates of earnings benefits from reduced exposure of children to environmental lead. *Environmental Research*, 70,(1), 1-6.
- Sallis, J.F. (2007, March). Angels in the details: Comment on The relationship between destination proximity, destination mix and physical activity behaviors. *Preventive Medicine*, electronic publication ahead of print.
- Sallis, J.F., Bauman, A., & Pratt, M. (1998). Environmental and policy interventions to promote physical activity. *American Journal of Preventive Medicine*, 15, 379-397.
- Sallis, J.F., Frank, L.D., Saelens, B.E., & Kraft, M.K. (2004). Active transportation and physical activity: Opportunities for collaboration on transportation and public health research. *Transportation Research Part A*, 38, 249-268.

- Sallis, J.F., Hovell, M.F., Hofstetter, C.R., Elder, J.P., Hackley, M., Caspersen, C.J., et al. (1990). Distance between homes and exercise facilities related to frequency of exercise among San Diego residents. *Public Health Reports*, 105, 179-185.
- Sallis, J.F., Kraft, K., & Linton, L.S. (2002). How the Environment Shapes Physical Activity: A Transdisciplinary Research Agenda. *American Journal of Preventive Medicine*, 22, 208.
- Sallis, J.F., Prochaska, J.J., & Taylor, W.C. (2000). A review of correlates of physical activity of children and adolescents. *Medicine & Science in Sports & Exercise*, 32, 963-975.
- Sammel, M., Lin, X., & Ryan, L. (1999). Multivariate linear mixed models for multiple outcomes. *Statistics in Medicine*, *18*, 2479-2492.
- Sammel, M.D., & Ryan, L.M. (1996). Latent Variable Models with Fixed Effects. *Biometrics*, 52, 650-663.
- Sammel, M.D., Ryan, L.M. & Legler, J.M. (1997). Latent variable models for mixed discrete and continuous outcomes. *Journal of the Royal Statistical Society, Series B: Methodological*, 59, 667-678.
- Sampson, R.J., Raudenbush, S.W., & Earls, F. (1997). Neighborhoods and violent crime: A multilevel study of collective efficacy. *Science*, 277(5328), 918-924.
- Sattler, J. (2001). Assessment of children: Cognitive applications, (4th ed.). Austin, TX: Pro-Ed.
- Scahill, L., & Schwab-Stone, M. (2000). Epidemiology of ADHD in school-age children. *Child and Adolescent Psychiatry Clinics of North America*, *9*, 541-555.
- Schaefer, M.T., & Olson, D.H. (1981). Assessing Intimacy: The Pair Inventory. *Journal of Marital and Family Therapy*, 7(1), 640-653.
- Schaefer, U.M., Songster, G., Xiang, A., Berkowitz, K., Buchanan, T.A., & Kjos, S.L. (1997). Congenital malformations in offspring of women with hyperglycemia first detected during pregnancy. *American Journal of Obstetrics and Gynecology*, 177(5), 1165-1171.
- Scheidt, P.C. (1988). Behavioral research toward prevention of childhood injury: Report of a workshop sponsored by The National Institute of Child Health and Human Development, Sept 3-5, 1986. *Archives of Pediatrics & Adolescent Medicine*, 142, 612-617.
- Scheidt, P.C., Harel, Y., Trumble, A.C., Jones, D.H., Overpeck, M.D., & Bijur, P.E. (1995). The epidemiology of nonfatal injuries among U.S. children and youth. *American Journal of Public Health*, 85, 932-938.
- Scheike, T.H., & Juul, A. (2004). Maximum likelihood estimation for Cox's regression model under nested case-control sampling. *Biostatistics*, *5*, 193-206.
- Schober, S.E., Sinks, T.H., Jones, R.L., Bolger, M., McDowell, M., Osterloh, J., et al. (2003). Blood mercury levels in U.S. children and women of childbearing age, 1999-2000. *Journal of the American Medical Association*, 289, 1667-1674.

- Schonfelder, G., Wittfoht, W., Hopp, H., Talsness, C.E., Paul, M., & Chahoud, I. (2002). Parent bisphenol A accumulation in the human maternal-fetal-placental unit. *Environmental Health Perspectives*, 110(11), A703-707.
- Schulze, A., & Downward, J. (2001). Navigating gene expression using microarrays—A technology review. *Nature Cell Biology*, *3*, E190-E195.
- Schulze, M.B., Liu, S., Rimm, E.B., Manson, J.E., Willett, W.C., & Hu, F.B. (2004). Glycemic index, glycemic load, and dietary fiber intake and incidence of type 2 diabetes in younger and middle-aged women. *American Journal of Clinical Nutrition*, 80, 348-356.
- Schwarzenberg, S.J. & Sinaiko, A.R. (2006). Obesity and inflammation in children. *Pediatric Respiratory Reviews*, 7, 239-46.
- Scott, A. (2006). Population-based case control studies. Survey Methodology, 32, 123-132.
- Scott, A.J., & Holt, D. (1982). The effect of two-stage sampling on ordinary least squares methods. *Journal of the American Statistical Association*, 77, 848-854.
- Selevan, S.G., Rice, D.C., Hogan, K.A., Euling, S.Y., Pfahles-Hutchens, A., & Bethel, J. (2003). Blood lead concentration and delayed puberty in girls. *New England Journal of Medicine*, *348*(16), 1527-1536.
- Semiz, S., Ozgoren, E., & Sabir, N. (2007). Comparison of ultrasonographic and anthropometric methods to assess body fat in childhood obesity. *International Journal of Obesity*, *31*, 53-58.
- Serdula, M.K., Ivery, D., Coates, R.J., Freedman, D.S., Williamson, D.F., & Byers, T. (1993). Do obese children become obese adults? A review of the literature. *Preventive Medicine*, 22(2), 167-177.
- Sha, N., Vannucci, M., Tadesse, M.G., Brown, P.H., Dragoni, I., Davies, N., et al. (2004). Bayesian variable selection in multinomial probit models to identify molecular signatures of disease stage. *Biometrics*, 60, 812-819.
- Shaffer, D., Fisher, P., Lucas, C., Dulcan, M., & Schwab-Stone, M. (2000). NIMH Diagnostic Interview Schedule for Children Version IV (NIMH DISC-IV): Description, differences from previous versions, and reliability of some common diagnoses. *Journal of the American Academy of Child & Adolescent Psychiatry*, 39, 28-38.
- Sharpe, P.B, Chan, A., Haan, E.A., & Hiller, J.E. (2005). Maternal diabetes and congenital anomalies in South Australia 1986-2000: a population-based cohort study. *Birth Defects Research Part A: Clinical Molecular Teratology, 73*, 605-611.
- Shaw, D.S., Keenan, K., & Vondra, J.I. (1994). Developmental precursors of externalizing behavior: ages 1 to 3. *Developmental Psychology*, 30, 355-364.
- Shaw, G.M., Iovannisci, D.M., Yang, W., Finnell, R.H., Carmichael, S.L., Cheng, S., et al. (2005). Endothelial nitric oxide synthase (NOS3) genetic variants, maternal smoking, vitamin use, and risk of human orofacial clefts [Electronic version]. *American Journal of Epidemiology*, 162, 1207-1214.

- Shaw, G.M., Wasserman, C.R., Murray, J.C., & Lammer, E.J. (1998). Infant TGF-alpha genotype, orofacial clefts, and maternal periconceptional multivitamin use. *Cleft Palate Craniofacial Journal*, *35*, 366-370.
- Shaywitz, S. (1998). Dyslexia. New England Journal of Medicine, 338, 307-312.
- Sheehan, T.J. (1998). Stress and low birth weight: a structural modeling approach using real life stressors. *Social Science and Medicine*, 47, 1503-1512.
- Shih, M.C. & Whittemore, A.S. (2002). Tests for genetic association using family data. *Genetic Epidemiology*, 22, 128-145.
- Shonk, S., & Cicchetti, D. (2001). Maltreatment, Competency Deficits, and Risk for Academic and Behavioral Maladjustment. *Developmental Psychology*, 37, 3-17.
- Shonkoff, J.P., & Phillips, D.A., (Eds.). (2000). *Neurons to neighborhoods: The science of early childhood development. Board on children, youth, and families.* Washington, DC: National Research Council and Institute of Medicine, National Academy Press.
- Sigurs, N., Gustafsson, P.M., Bjarnason, R., Lundberg, F., Schmidt, S., Sigurbergsson, F., et al. (2005). Severe respiratory syncytial virus bronchiolitis in infancy and asthma and allergy at age 13. *American Journal of Respiratory and Critical Care Medicine*, 171, 137-141.
- Silva, M.J., Barr, D.B., Reidy, J.A., Malek, N.A., Hodge, C.C., Caudill, S.P., et al. (2004). Urinary levels of seven phthalate metabolites in the U.S. population from the National Health and Nutrition Examination Survey (NHANES) 1999-2000. *Environmental Health Perspectives*, 112, 331-338.
- Silva, M.J., Slakman, A.R., Reidy, J.A., Preau, J.L., Jr., Herbert, A.R., Samandar, E., et al. (2004). Analysis of human urine for 15 phthalate metabolites using automated solid phase extraction. *Journal of Chromatography B*, 805, 161-167.
- Silver, R.I. (2000). What is the etiology of hypospadias? A review of recent research. *Delaware Medical Journal*, 72(8), 343-347.
- Silver, R.I., & Russell, D.W. (1999). 5-alpha-reductase type 2 mutations are present in some boys with isolated hypospadias. *Journal of Urology*, *162*, 1142-45.
- Simons, E., & Wood, R.A. (2004). Distribution and reproducibility of spirometric response to ozone by gender and age. *Pediatrics*, 114, 538.
- Simpson, A., Soderstrom, L., Ahlstedt, S., Murray, C.S., Woodcock, A., & Custovic, A. (2005). IgE antibody quantification and the probability of wheeze in preschool children. *Journal of Allergy and Clinical Immunology*, 116, 744-749.
- Sinha, R., Fisch, G., Teague, B., Tamborlane, W., Banyas, B., Allen, K., et al. (2002). Prevalence of impaired glucose tolerance among children and adolescents with marked obesity. *New England Journal of Medicine*, 346, 802-810.
- Skakkebaek, N.E., Rajpert-De Meyts, E., & Main, K.M. (2001). Testicular dysgenesis syndrome: an increasingly common developmental disorder with environmental aspects. *Human Reproduction*, *16*, 972-978.

- Skinner, C.J. (1989). Domain means, regression and multivariate analysis. In C.J. Skinner, D. Holt, & T.M.F. Smith (Eds.), *Analysis of Complex Surveys* (pp.59-88), Chichester, England: Wiley.
- Skinner, C.J., Holt, D., & Smith, T.M.F., (Eds.), (1989). *Analysis of complex surveys*. New York: John Wiley & Sons.
- Slotkin, T.A. (1999). Developmental cholinotoxicants: nicotine and chlorpyrifos. *Environmental Health Perspectives*, 107, 71-80.
- Snow, C.E. (1993). Families as social contexts for literacy development. *New Directions for Child Development*, 61, 11-24.
- Sorlie, T., Perou, C.M., Tibshirani, R., Aas, T., Geisler, S., Johnsen, H., et al. (2001). Gene expression patterns of breast carcinomas distinguish tumor subclasses with clinical implications. *Proceedings of the National Academy of Sciences USA*, 98, 10869-10874.
- Sorlie, T., Wang, Y., Xiao, C., Johnsen, H., Naume, B., Samaha, R.R., et al. (2006). Distinct molecular mechanisms underlying clinically relevant subtypes of breast cancer: gene expression analyses across three different platforms. *BMC Genomics*, 7, 127.
- Spielman, R.S., & Ewen, W.J. (1996). The TDT and other family-based tests for linkage disequilibrium and association. *American Journal of Human Genetics*, *59*, 983-989.
- Sroufe, L.A. (1979). The coherence of individual development. American Psychologist, 34, 834-841.
- Sroufe, L.A., & Waters, E. (1977). Attachment as an organizational construct. *Child Development*, 48, 1184-1199.
- Stapp, J.P. (1957). Human tolerance to deceleration. American Journal of Surgery, 93, 734-740.
- Steer, P. (2006). The epidemiology of preterm labour-why have advances not equated to reduced incidence? *British Journal of Gynecology*, 113(Suppl. 3), 1-3.
- Stein, A.D., Kahn, H.S., Rundle, A., Zybert, P.A., van der Pal-de Bruin, K., & Lumey, L.H. (2007). Anthropometric measures in middle age after exposure to famine during gestation: evidence from the Dutch famine. *American Journal of Clinical Nutrition*, 85, 869-876.
- Stein, R.T., & Martinez, F.D. (2004). Asthma phenotypes in childhood: Lessons from an epidemiological approach. *Pediatric Respiratory Reviews*, 5(2), 155-161.
- Stevens-Simon, C., Thureen, P., Barrett, J., & Stamm, E. (2001). Skinfold caliper and ultrasound assessments of change in the distribution of subcutaneous fat during adolescent pregnancy. *International Journal of Obesity and Related Metabolic Disorders*, 25, 1340-1345.
- Strauss, W.J., Lehman, J., Morara, M., & Ryan, L. (2003). Development of exposure assessment study design for the national children's study: simulation of exposure and health outcome research subsamples for guiding environmental sampling design options. Technical Report submitted by Battelle to the U.S. Environmental Protection Agency, National Exposure Research Laboratory under Task 4 of Task Order 19 on Contract 68-99-011.

- Sturm, R., Ringel, J., Bao, C., Stein, B., Kapur, K., Zhang, W., et al. (2000). National Estimates of Mental Health Utilization and Expenditures for Children in 1998, Working Paper No. 205. In National Advisory Mental Health Council's Workgroup on Child and Adolescent Mental Health Intervention Development and Deployment, (2001), *Blueprint for Change: Research on Child and Adolescent Mental Health* [NIH Publication No. 01-4985, p. 93]. Rockville, MD: National Institute of Mental Health.
- Subar, A.F., Kipnis, V., Troiano, R.P., Midthune, D., Schoeller, D.A., Bingham, S., et al. (2003). Using intake biomarkers to evaluate the extent of dietary misreporting in a large sample of adults: The OPEN Study. *American Journal of Epidemiology*, 158, 1-13.
- Suh, D., Davis, P., Hopkins, K., Fajman, N., & Mapstone, T. (2001). Nonaccidental pediatric head injury: diffusion-weighted imaging findings. *Neurosurgery*, 49, 309-320.
- Suh, H.H., Bahadori, T., Vallarino, J., & Spengler, J.D. (2000). Criteria air pollutants and toxic air pollutants. *Environmental Health Perspectives*, 108, 625-633.
- Sui, G., Zhou, S., Wang, J., Canto, M., Lee, E.E., Eshleman, J.R., et al. (2006). Mitochondrial DNA mutations in preneoplastic lesions of the gastrointestinal tract: A biomarker for the early detection of cancer. *Molecular Cancer*, *5*, 73.
- Sunyer, J. (2001). Urban air pollution and chronic obstructive pulmonary disease: A review. *European Respiratory Journal*, 17, 1024-1033.
- Suomi, S.J. (2004). How gene-environment interactions shape biobehavioral development: lessons from studies with rhesus monkeys. *Research in Human Development*, 1, 205-222.
- Swan, S.H., Main, K.M., Liu, F., Stewart, S.L., Kruse, R.L., Calafat, A.M., et al. (2005). Study for Future Families Research Team. *Environmental Health Perspectives*, 113(8), 1056-61.
- Tadesse, M.G., Sha, N., & Vannucci, M. (2005). Bayesian variable selection in clustering high-dimensional data. *Journal of the American Statistical Association*, 100, 602-617.
- Tai, Y.C., & Speed, T.P. (2006). A multivariate empirical Bayes statistic for replicated microarray time course data. *Annals of Statistics*, *34*, 2387-2412.
- Talsness, C.E., Shakibaei, M., Kuriyama, S.N., Grande, S.W., Sterner-Kock, A., Schnitker, P., et al. (2005). Ultrastructural changes observed in rat ovaries following in utero and lactational exposure to low doses of a polybrominated flame retardant. *Toxicology Letters*, 157(3), 189-202.
- Tang, P., Ash, J., Bates, D., Overhage, M., & Sands, D. (2006). Personal Health Records: Definitions, Benefits, and Strategies for Overcoming Barriers to Adoption. *Journal of the American Medical Informatics Association*, 13, 121-126.
- Taussig, L.M., Wright, A.L., Holberg, C.J., Halonen, M., Morgan, W.J., & Martinez, F.D. (2003). Tucson Children's Respiratory Study: 1980 to present. *Journal of Allergy & Clinical Immunology*, 111(4), 661-75; quiz 676.
- Taylor, W., & Newacheck, P. (1992). Impact of childhood asthma on health. *Pediatrics*, 9, 657-662.

- The Challenges of Autism—Why the Increased Rates? Hearings before the Committee on Government Reform, House of Representatives, 106th Cong., (2000, April 6) (testimony of Deborah G. Hirtz, M.D.).
- The International HapMap Consortium. (2005). A haplotype map of the human genome. *Nature*, 437, 1299-1320.
- The SEARCH Writing Group. (2004). SEARCH for Diabetes in Youth: a Multi-Center Study of the Prevalence, Incidence and Classification of Diabetes Mellitus in Youth. *Controlled Clinical Trials*, 25, 458-471.
- Tholin, S., Rasmussen, F., Tynelius, P., & Karlsson, J. (2005). Genetic and environmental influences on eating behavior: The Swedish Young Male Twins Study. *American Journal of Clinical Nutrition*, 81, 564-569.
- Thompson, M.E. (1988). Superpopulation models. In D.L. Banks, B. Campbell, & S. Kotz (Eds.), *Encyclopedia of Statistical Sciences* (Vol. 9, pp. 93-99). New York: Wiley.
- Thompson, R.A. (1988). Emotion and self-regulation. In R. Dienstbier & R.A. Thompson (Eds.) *Socioemotional development: Nebraska symposium on motivation* (vol. 36, pp. 367-467). Lincoln, NE: University of Nebraska Press.
- Thompson, R.A. (1999). Early attachment and later development. In J. Cassidy & P.R. Shaver (Eds.), *Handbook of attachment: Theory, research, and clinical applications* (pp. 265-286). New York: Guilford.
- Thornton, T.N., Craft, C.A., Dahlberg, L.L., Lynch, B.S., & Baer, K. (2002). *Best practices of youth violence prevention, A sourcebook for community action (Rev.)*. Atlanta: Centers for Disease Control and Prevention, National Center for Injury Prevention and Control.
- Thornton-Wells, T.A., Moore, J.H., & Haines, J.L. (2004). Genetics, statistics and human disease: analytical retooling for complexity. *Trends in Genetics*, 20, 640-647.
- Towbin, J.A., Lowe, A.M., Colan, S.D., Sleeper, L.A., Orav, E.J., Clunie, S., et al. (2006). Incidence, causes, and outcomes of dilated cardiomyopathy in children. *Journal of the American Medical Association*, 296(15), 1867-1876.
- Troxel, A.B., Ma, G., & Heitjan, D.F. (2004). An index of local sensitivity to nonignorability. *Statistica Sinica*, 14, 1221-1237.
- U.S. Census Bureau. (2001). Out of Order 1999: Housing Profile. American Housing Brief, AHB/01-1.
- U.S. Census Bureau. (2006). Current Housing Reports, Series H150/05, *American Housing Survey for the United States:* 2005. Washington, DC: U.S. Government Printing Office.
- U.S. Department of Agriculture. (2003). Natural Resources Conservation Services. National Resources Inventory: Urbanization and Development of Rural Lands. Retrieved September, 10, 2003 from http://www.nrcs.usda.gov/technical/land/nri01/urban.pdf
- U.S. Department of Agriculture/Environmental Protection Agency. Pesticide Database Program (PDP). http://www.ams.usda.gov/science/pdp

- U.S. Department of Education, National Center for Education Statistics. (2000). Early Childhood Longitudinal Study, Birth Cohort (ECLS-B). Retrieved from http://nces.ed.gov/pubsearch/getpubcats.asp?sid=024
- U.S. Department of Health and Human Services [DHHS]. (2000). Mental health: A report of the Surgeon General. *Professional Psychology: Research and Practice*, 31(1), 5-13.
- U.S. Department of Health and Human Services, Administration of Children, Youth, and Families. (2004). *Child Maltreatment 2002*. Washington, DC: U.S. Government Printing Office.
- U.S. Environmental Protection Agency [EPA]. (2000), Dietary Exposure Assessment Module. In L.M. Barraj, B.J. Petersen, J.R. Tomerlin, & A.S. Daniel, Background Document for the Sessions: Dietary Exposure Evaluation Model (DEEMTM) and DEEMTM Decompositing Procedure and Software. Presentation to FIFRA Scientific Advisory Panel (SAP), Arlington, Va. Retrieved from http://www.epa.gov/scipoly/sap/meetings/2000/february/final sap document feb 1 2000.pdf
- U.S. Environmental Protection Agency [EPA]. Dietary Exposure Potential Model (DEPM) [Computer software]. Retrieved from http://www.epa.gov/microbes/depm.htm
- U.S. Food and Drug Administration, Center for Food Safety and Applied Nutrition. (2007). Total Diet Study. (TDS). Retrieved June 10, 2007, from http://www.cfsan.fda.gov/~comm/tds-toc.html
- Valiente, C., Eisenberg, N., Smith, C., Reiser, M., Fabes, R., Losoya, S., et al. (2003). The relations of effortful control and reactive control to children's externalizing problems: A longitudinal assessment. *Journal of Personality*, 71, 1171-1196.
- Van Gaal, L.F., Mertens, I.L., & De Block, C.E. (2006). Mechanisms linking obesity with cardiovascular disease. *Nature*, 444, 875-80.
- Varner, M.W., & Esplin, M.S. (2005). Current understanding of genetic factors in preterm birth. *BJOG:* An International Journal of Obstetrics and Gynaecology, 112(Suppl. 1), 28-31.
- Venter, J.C., Adams, M., Myers, E., Li, P., Mural, R., Sutton, G., et al. (2001). The sequence of the human genome. *Science*, 291, 1304-1351.
- Verbeke, G., Molenberghs, G., Thijs, H., Lesaffre, E., & Kenward, M. (2001). Sensitivity analysis for nonrandom dropout: A local influence approach. *Biometrics*, 57, 7-14.
- Vercelli, D. (2006). Mechanisms of the hygiene hypothesis--molecular and otherwise. *Current Opinion in Immunology*, 18(6), 733-737.
- Verdina, A. (2006). Carcinogen-modified DNA and specific humoral immunity toward carcinogen-DNA adducts. A review. *Annali Dell Istituto Superiore di Sanita*, 42, 189-194.
- Verschueren, K., Marcoen, A., & Schoefs, V. (1996). The internal working model of the self, attachment, and competence in five-year-olds. *Child Development*, 67, 2493-2511.
- Vihko, R.K., & Apter, D.L. (1986). The epidemiology and endocrinology of the menarche in relation to breast cancer. *Cancer Surveys*, 5(3), 561-571.
- Viner, R. (2002). Splitting hairs. Archives of Disease in Childhood, 86, 8-10.

- Vojta, P.J., Friedman, W., Marker, D., Clickner, R., Rogers, J., Viet, S.M., et al. (2002). First National Survey of Lead and Allergens in Housing: Survey Design and Methods for the Allergen and Endotoxin Components. *Environmental Health Perspectives*, 110(5), 527-532.
- Vom Saal, F.S., & Hughes, C. (2005). An extensive new literature concerning low-dose effects of bisphenol A shows the need for a new risk assessment. *Environmental Health Perspectives*, 113, 926-933.
- Von Hertzen, L.C. (2002). Maternal stress and T-cell differentiation of the developing immune system: possible implications for the development of asthma and atopy. *Journal of Allergy and Clinical Immunology*, 109, 923-928.
- Vonesh, E.F., & Chinchilli, V.M. (1997). Linear and nonlinear models for the analysis of repeated measurements. New York: Marcel Dekker Inc.
- Walker, E., Kestler, L., Bollini, A., & Hochman, K. (2004). Schizophrenia: Etiology and course. *Annual Review of Psychology*, 55, 401-430.
- Wall, J.D., & Pritchard, J.K. (2005). Haplotype blocks and linkage disequilibrium in the human genome. *Nature Reviews*, 4, 587-597.
- Wallace, D.C. (2005). A mitochondrial paradigm of metabolic and degenerative diseases, aging, and cancer: A dawn for evolutionary medicine. *Annual Review of Genetics*, *39*, 359-407.
- Wallace, D.C. (2007). Mitochondrial DNA. Presented at The National Children's Study Genetics Workshop, Washington, DC.
- Wallesch, C., Curio, N., Kutz, S., Jost, S., Bartels, C., & Synowitz, H. (2001). Outcome after mild to moderate blunt head injury: effects of focal lesions and diffuse axonal injury. *Brain Injury*, 15(5), 401-412.
- Wang, X., Zuckerman, B., Pearson, C., Kaufman, G., Chen, C., Wang, G., et al. (2002). Maternal cigarette smoking, metabolic gene polymorphism, and infant birth weight. *Journal of the American Medical Association*, 287(2), 195-202.
- Wei, E., Hipwell, A., Pardini, D., Beyers, J.M., & Loeber, R., (2005). Block observations of neighborhood physical disorder are associated with neighborhood crime, firearm injuries and deaths, and teen births. *Journal of Epidemiology & Community Health*, 59, 904-908.
- Weijers, R.N., & Bekedam, D.J. (2007). Relationship between gestational diabetes mellitus and type 2 diabetes: Evidence of mitochondrial dysfunction. *Clinical Chemistry*, *53*, 377-383.
- Weinberg, C., Wilcox, A., & Lie, R. (1998). A log-linear approach to case-parent triad data: assessing effects of disease genes that act directly or through maternal effects, and may be subject to parental imprinting. *American Journal of Human Genetics*, 62, 969-978.
- Weiss, B. (2000). Vulnerability of children and the developing brain to neurotoxic hazards. *Environmental Health Perspectives, 108*(Suppl. 3), 375-381.
- Weiss, B. (2002). Sexually dimorphic nonreproductive behaviors as indicators of endocrine disruption. *Environmental Health Perspectives*, 110(Suppl. 3), 387-391.

- Welsh, J.A., Cogswell, M.E., Rogers, S., Rockett, H, Mei, Z., & Grummer-Strawn, L.M. (2005). Overweight among low-income preschool children associated with the consumption of sweet drinks: Missouri, 1999-2002. *Pediatrics*, 115, 223-229.
- Wentzel, K., & Asher, S. (1995). The academic lives of neglected, rejected, popular, and controversial children. *Child Development*, 66, 754-763.
- Wessels, D., Barr, D.V.C, & Mendola, P. (2003). Use of biomarkers to indicate exposure of children to organophosphate pesticides: implications for a longitudinal stud of children's environmental health. *Environmental Health Perspectives*, 111, 1939-194.
- West, J., Denton, K., & Germino-Hausken, E. (2000). *America's Kindergartners: Findings From the Early Childhood Longitudinal Study, Kindergarten Class of 1998-99: Fall 1998*. Washington, DC: National Center for Education Statistics.
- Westat (2002). WesVar 4.2 User's Guide. Rockville, MD: Westat.
- Whitney, A.R., Diehn, M., Popper, S.J., Alizadeh, A.A., Boldrick, J.C., Relman, D.A., et al. (2003). Individuality and variation in gene expression patterns in human blood. *Proceedings of the National Academy of Sciences USA*, 100, 1896-1901.
- Wilcox, A.J., Weinberg, C.R., & Lie, R.T. (1998). Distinguishing the effects of maternal and offspring genes through studies of "case-parent triads." *American Journal of Epidemiology*, 148, 893-901.
- Williams, D.R., Neighbors, H.W., & Jackson, J.S. (2003). Racial/ethnic discrimination and health: Findings from community studies. *American Journal of Public Health*, *93*, 200-208.
- Wilson, V., Lambright, C., Furr, J., Ostby, J., Wood, C., Held, G., et al. (2004). Phthalate ester-induced gubernacular lesions are associated with reduced ins13 gene expression in the fetal rat testis. *Toxicology Letters*, 146, 207-215.
- Windham, G.C., Bottomley, C., Birner, C., & Fenster, L. (2004). Age at Menarche in Relation to Maternal Use of Tobacco, Alcohol, Coffee, and Tea During Pregnancy. *American Journal of Epidemiology*, 159(9), 862-871.
- Winsley, R.J., Fulford, J., MacLeod, K.M., Ramos-Ibanez, N., Williams, C.A., & Armstrong, N. (2005). Prediction of visceral adipose tissue using air displacement plethysmography in children. *Obesity Research*, 13, 2048-2051.
- Withlow, B.J., Chatzipapas, I.K., Lazanakis, M.L., Kadir, R.A., & Economides, D.L. (1999). The value of ultrasonography in early pregnancy for the detection of fetal abnormalities in an unselected population. *British Journal of Obstetrics and Gynaecology*, 106, 929-936.
- Wolf, C.J., Ostby, J.S., & Gray, L.E., Jr. (1999). Gestational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) severely alters reproductive function of female hamster offspring. *Toxicological Science*, *51*(2), 259-264.
- Wright, C.M., Sherriff, A., Ward, S.C., McColl, J.H., Reilly, J.J., & Ness, A.R. (2007, March 14). Development of bioelectrical impedance-derived indices of fat and fat-free mass for assessment of nutritional status in childhood. *European Journal of Clinical Nutrition*, electronic publication ahead of print.

- Wu, T., Buck, G.M., & Mendola, P. (2003). Blood lead levels and sexual maturation in U.S. girls: The Third National Health and Nutrition Examination Study, 1988-94. *Environmental Health Perspectives*, 111(5), 737-741.
- Yakes, F.M., & Van, H.B. (1997). Mitochondrial DNA damage is more extensive and persists longer than nuclear DNA damage in human cells following oxidative stress. *Proceedings of the National Academy of Sciences USA*, 94, 514-519.
- Yang, Q., & Khoury, M. (1997). Evolving methods in genetic epidemiology III. Gene-environment interaction in epidemiologic research. *Epidemiological Review*, 19, 33-43.
- Yeager, M., Orr, N., Hayes, R.B., Jacobs, K.B., Kraft, P., Wacholder, S., et al. (2007). Genome-wide association study of prostate cancer identifies a second risk locus at 8q24. *Nature Genetics*, 39, 645-649.
- Yeargin-Allsopp, M., Murphy, C.C., Cordero, J.F., Decoufle, P., & Hollowel, J.G. (1997). Reported biomedical causes and associated medical conditions for mental retardation among 10-year-old children, metropolitan Atlanta, 1985 to 1987. *Developmental Medicine and Child Neurology*, 39, 142-149.
- Yeargin-Allsopp, M., Rice, C., Karapurkar, T., Doernberg, N., Boyle, C., & Murphy, C. (2003). Prevalence of autism in a U.S. metropolitan area. *Journal of the American Medical Association*, 289(1), 49-55.
- Yolken, R.H., & Torrey, E.F. (1995). Viruses, schizophrenia, and bipolar disorder. *Clinical Microbiology Review*, 8, 131-145
- Zartarian, V., Bahadori, T., & McKone, T. (2005). Adoption of an official ISEA glossary. *Journal of Exposure Analysis and Environmental Epidemiology*, 15, 1-5.
- Zaslow, M.J., Weinfield, N.S., Gallagher, M., Hair, E., Ogawa, J., Egeland, B., et al. (2006). Longitudinal prediction of child outcomes from differing measures of parenting in a low-income sample. *Developmental Psychology*, 42, 27-37.
- Zeanah, C., Boris, N., & Scheeringa, M. (1997). Psychopathology in infancy. *Journal of Child Psychology and Psychiatry*, 38, 81-99.
- Zeger, S.L., & Liang, K.Y. (1986). Longitudinal data analysis for discrete and continuous outcomes, *Biometrics*, 42, 121-130.
- Zhang, J., & Bowes, W. (1995). Birth-weight-for-gestational-age patterns by race, sex, and parity in the United States population. *Obstetrics & Gynecology*, 86, 200-208.
- Zondervan, K.T., & Cardon, L.R. (2004). The complex interplay among factors that influence allelic association. *Nature Reviews*, 5, 89-100.