**LINDA S. ADAIR**

**Abbreviated CV 10/24/2013**

Professor, Department of Nutrition Fellow, Carolina Population Center

University of North Carolina (919) 966-4449 (phone)

School of Public Health (919) 966-9159 (fax)

Chapel Hill, NC 27514 Linda\_adair@unc.edu

Honorary Professor

School of Clinical Medicine

University of the Witswatersrand

Johannesburg, South Africa

**EDUCATION**:

1986-88 Postdoctoral Fellowship, Mellon Foundation, Interface of Human Biology and Demography, Carolina Population Center, University of North Carolina, Chapel Hill

1975-80 University of Pennsylvania, Department of Anthropology

Ph.D. 1980, Biological Anthropology

1967-71 State University of New York at Stony Brook

B.S. in Biological Sciences 1971

**ACADEMIC APPOINTMENTS**

7/1/08-present Director, Nutrition Epidemiology Division

 Department of Nutrition

 University of North Carolina Schools of Public Health and Medicine

 Chapel Hill, North Carolina

7/1/05-6/30/08 Associate Chair for Academic Affairs

 Department of Nutrition

 University of North Carolina Schools of Public Health and Medicine

 Chapel Hill, North Carolina

7/1/02-present Professor, Department of Nutrition

Fellow, Carolina Population Center

University of North Carolina Schools of Public Health and Medicine

7/1/88-6/30/02 Associate Professor, Department of Nutrition

Fellow, Carolina Population Center

University of North Carolina Schools of Public Health and Medicine

Chapel Hill, North Carolina

1986-1988 Mellon Postdoctoral Fellow, Carolina Population Center

University of North Carolina, Chapel Hill, NC

1985-1986 Associate Professor, Department of Anthropology

Rice University, Houston, TX

1980-85 Assistant Professor, Department of Anthropology

Rice University, Houston, TX

1980 Lecturer in Nutrition, University of Pennsylvania

School of Dental Medicine, Philadelphia, PA

1979-80 Instructor, Department of Anthropology

University of Pennsylvania, Philadelphia, PA

**RESEARCH INTERESTS**: **Child growth**: determinants of early childhood growth patterns, with an emphasis on growth faltering; long term health and functional consequences of early childhood growth patterns, determinants of obesity in infancy and adolescence in low and middle income countries. **Development origins of later disease risk**: effects of maternal nutrition during pregnancy, infant birth outcomes and early child growth on later development of chronic disease risk factors, immune function and human capital. **Women's nutrition and reproduction**: effects of women's nutritional status on reproductive outcomes (low birth weight, prematurity, growth retardation, birth spacing); effects of reproductive cycles on women's health and nutritional status; maternal nutrition and mother to child HIV transmission. **Methodological**: design and implementation of population-based health/demographic/nutrition surveys; application of econometric and structural models to health outcome research, particularly longitudinal modeling.

International focus: The Philippines, China, Malawi, South Africa, Rwanda

**MEMBERSHIP IN ACADEMIC SOCIETIES**

American Society for Nutrition

International Society for Developmental Origins of Health and Disease

 Associate Editor, DOHAD Journal

The Obesity Society

Elected to: Sigma Xi, Delta Omega Public Health Honorary Society

**GRANTS AND CONTRACTS**

**Current:**

**Ongoing Research Support**

R01AG39143 (Adair) 07/01/11-06/30/16

NIH/NIA

Multidimensional Pathways to Healthy Aging among Filipino Women

This interdisciplinary study aims to identify biological, social, economic, and environmental influences on trajectories of health and functional outcomes in women in the transitional years from middle to later adulthood. It seeks to identify early adulthood experiences and exposures that affect (1) physical health, including body composition; blood pressure, biomarkers of inflammation and immune response to vaccination, dysregulation of glucose metabolism, and dyslipidemia; (2) physical functioning and disability; (3) cognition; and (4) psychosocial aspects of well-being including quality of relationships and depression.

Role: PI

OPP53107 (Bentley) 09/01/09-12/31/13

The Bill and Melinda Gates Foundation

Improving Nutritional Status and Health of Infants and Lactating Women through the Use of Lipid Based Nutrition Supplements (LNS): Evidence from a Longitudinal, Randomized Trial in Lilongwe, Malawi

Our main goal is to provide the scientific evidence to support the broad use of low-cost LNS to enhance the nutritional status of women and children.

Role: Co-Investigator

5R01HD057194-03 (Gordon Larsen) 09/30/08-06/30/14

NIH/NICHD

Gene-Environment Interactions and Weight Gain

The objective of this research is to investigate how genes, environment, and gene environment interactions influence temporal changes in body mass index (BMI) at vulnerable periods of the life cycle.

Role: Co-Investigator

5R01HD054501-03 (Adair) 09/18/08-06/30/14

NIH/NICHD

Modeling the Developmental Origins of Adult Disease Risk Factors

This research is a novel application of structural equation models to identify the complex pathways through which cardiovascular disease (CVD) risk factors develop from the prenatal period to young adulthood.

The project uses data from an ongoing community based study of a birth cohort from Cebu, Philippines.

Role: PI

1-R21-DK089306-01 (Gordon-Larsen) 07/15/2010-04/30/14

NIH/NIDDK

Heterogeneity in Cardiometabolic Risk with Obesity: Who Is at Risk?

This study takes advantage of 20-year longitudinal data from approximately 9,000 individuals enrolled in the China Health and Nutrition Survey to describe the prevalence of “metabolically healthy – overweight” and “metabolically at risk – normal weight” phenotypes in China.

Role: Co-Investigator

**Recently Completed Grants**

5R01HD057194-03 (Gordon Larsen) 09/30/08-06/30/13

NIH/NICHD

Gene-Environment Interactions and Weight Gain

The objective of this research is to investigate how genes, environment, and gene environment interactions influence temporal changes in body mass index (BMI) at vulnerable periods of the life cycle.

Role: Co-Investigator

5R01HD030880-16 (Popkin) 08/15/94-05/31/13

NIH/NICHD

Monitoring Social Change: Health, Reproduction, Aging

This project is collecting and disseminating three additional rounds of survey data in Russia and a fifth wave of data in China.

Role: Co-Investigator

5R01DK078150-03 (Mohlke) 04/01/07-03/31/13

NIH/NIDDK

Genetic Epidemiology of Body Mass Index, Adiposity and Weight Gain

This study tests candidate genes for association with obesity related traits and weight gain across 22 years in women from the Cebu Longitudinal Health and Nutrition Survey and evaluates interactions with diet composition and physical activity.

Role: Co Investigator

S494297 (Adair) 07/22/10-07/30/12

Emory University/Bill and Melinda Gates Foundation

Characterizing Healthy Growth and its Consequences – COHORTS

5R03TW008133-03 (Adair) 08/01/08-04/30/12

NIH/Fogarty

Relating Multiple Dimensions of Stress to CVD Risk in Filipino Adults Collaboration

This FIRCA application is linked to a parent grant funded by NHLBI, titled "Obesity Development and CVD Risk Factor Clustering in Filipino Women & Offspring" (HL085144). The parent grant focuses on determinants of weight trajectories over a 20 year period, and on how diet, physical activity and weight gain relate to blood pressure and biomarkers of CVD risk. The FIRCA application extends research to examine the role of a wide range of psychosocial, environmental and behavioral factors that represent multiple dimensions of stress.

Role: PI

09/30/07-09/29/10

NIH/NICHD Prenatal Nutrition and Adverse Birth Outcomes in HIV Infected Women in Malawi (1R03HD057637 )

Role: PI

5R03HD057775-02 (Bentley) 09/30/07-08/31/10

NIH/NICHD

The Feasibility of Replacement Feeding as an HIV Prevention Method in Malawi

Role: Investigator

CDC Special Interest (van Der Horst) 09/30/04-09/29/09

Centers for Disease Control

Breastfeeding, Antiretrovirals, and Nutrition in HIV (BAN)

Role: Co-Investigator

**Teaching Awards**

2002 McGavran Award for Excellence in Teaching, University of North Carolina School of Public Health

2012 Gillings School of Global Public Health Teaching Innovation Award

**PUBLICATIONS**

I. Refereed Journals

1. Lanciault G, Ertan A, **Adair** LS and FP Brooks (1974) Effects of endogenous and exogenous cholycystokinin on gastrin release in man and dog. **Digestion** 10:228-34.
2. Lanciault G, **Adair** LS, Shaw JE and FP Brooks (1975) Response of the isolated perfused stomach of the dog to electrical vagal stimulation. **Gastroenterology** 68:158-66.
3. Rosato, EF, Shumante GR, Pollock TW, Adair L, Rosato FE, Brooks, FP. (1975) Influence of andrectomy on gastrin release and gastric secretion in conscious monkeys. Surgery 77(6) 817-24.
4. Lanciault G, Ertan A, **Adair** LS and FP Brooks (1976)The effect of cholecystokinin-pancreozymin on circulating gastrin levels in man and dog. **Digestive Diseases**21:39-43.
5. **Adair LS** and E Pollitt (1982) Energy balance during pregnancy and lactation. **Lancet** II:219.
6. **Adair** LS, Mueller WH and E Pollitt (1983) Maternal anthropometric changes during pregnancy and lactation in a rural Taiwanese population. **Human Biology** 55:771-87.
7. **Adair** LS and E Pollitt (1983) Seasonal variation in pre- and postpartum maternal body measurements and infant birthweights. **American Journal of Physical Anthropology** 62:325-31.
8. **Adair** LS (1983) Feeding babies: Mother's decisions in an urban U.S. setting. **Medical Anthropology** 7(3):1-19.
9. **Adair** LS (1984) The infant's ability to self-regulate food intake: A case study. **Journal of the American Dietetic Association** 84:543-6.
10. **Adair** LS, Mueller WH and E Pollitt (1984) The Bacon Chow Study: Effect of nutritional supplementation on maternal weight and skinfold thickness during pregnancy and lactation. **British J. Nutrition** 51:357-69.
11. Adair LS and E Pollitt (1985) Outcomes of maternal nutrition supplementation: A comprehensive review of the Bacon Chow Study. **American Journal of Clinical Nutrition** 41:948-78.
12. **Adair LS** and B Popkin (1988) Birthweight, maturity and proportionality in Filipino infants. **Human Biology** 60:319-339.
13. **Adair LS** (1989) Low birth weight and intrauterine growth retardation in Filipino infants. **Pediatrics** 84:613-622.
14. **Adair** LS (1989) Growth of Filipino infants who differed in body composition at birth. **American Journal of Human Biology** 1:673-82.
15. Barnes D, **Adair** LS and Popkin B (1990) Women's physical activity and pregnancy outcome: A longitudinal analysis from the Philippines. **International Journal of Epidemiology** 20:162-172.
16. Cebu Study Team *(L Adair, JS Akin, R Black, J Briscoe, DK Guilkey, BM Popkin and WF Flieger)* (1991) Underlying and proximate determinants of Child Health: The Cebu Longitudinal Health and Nutrition Study. **American Journal of Epidemiology** 133:185-201.
17. Cebu Study Team *(L Adair, JS Akin, R Black, J Briscoe, DK Guilkey, BM Popkin and WF Flieger)* (1992) A child health production function estimated from longitudinal data. **Journal of Development Economics**  38:323-351.
18. Popkin BM, **Adair** LS, Akin JS, Black R, Briscoe J and Fleiger W (1990) Breast-feeding and diarrheal morbidity. **Pediatrics** 86:874-882.
19. Stewart JF, Popkin BM, Guilkey DK, Akin JS, **Adair** LS and Fleiger W (1991) Influences on the extent of breast-feeding: A prospective study in the Philippines. **Demography** 28:181-99.
20. **Adair** LS and Popkin BM (1992) Prolonged lactation contributes to depletion of energy reserves of Filipino women. **Journal of Nutrition** 122:1643-1655.
21. **Adair**, LS (1992) Postpartum nutritional status of Filipino women. **Am J Human Biology** 4:635-46.
22. **Adair** LS, Popkin BM, Guilkey DK (1993) The duration of breast-feeding: How is it affected by biological, sociodemographic, health sector and food industry factors? **Demography** 30:63-80.
23. Siega-Riz AM and **Adair** LS (1993) Biological determinants of pregnancy weight gain: A longitudinal study of Filipino women. **American Journal of Clinical Nutrition** 57:365-72.
24. **Adair** LS, Popkin BM, VanDerslice J, Akin J, Guilkey D, Black R and Flieger W (1993) Growth dynamics during the first 2 years: A prospective study in the Philippines. **European Journal of Clinical Nutrition** 47:42-51.
25. Popkin BM, Guilkey DK, Akin JS, **Adair LS**, Udry JR and Flieger W (1993) Nutrition, Lactation and Birth Spacing in the Philippines. **Demography** 30:333-352.

1. **Adair, LS** (1994) Growth and nutrition of Cebu Children from birth to eight years of age. **The University Journal** 11(1):102-105 (University of San Carlos, Cebu, Philippines).
2. Siega-Riz AM, **Adair LS**, Hobel CJ (1994) Institute of Medicine maternal weight gain recommendations and pregnancy outcome in a predominantly Hispanic population. **Obstetrics and Gynecology**, 84(4 PT 1):565-573.
3. **Adair LS**, Popkin B (1996) Low birth weight decreases likelihood of breast-feeding among Filipino infants. **Journal of Nutrition** 126:103-11.
4. Siega-Riz, AM and **Adair LS (**1996) Maternal underweight status and inadequate rate of weight gain during the third trimester of pregnancy increase the risk of preterm delivery. **Journal of Nutrition** 126:146-53.
5. **Adair LS** and Guilkey DKG (1997) Age-Specific Determinants of Stunting in Filipino Children. **Journal of Nutrition** 127:314-320.
6. Borja JB**, Adair LS**, Bisgrove EB (1998) Effects of childbearing on quality of women=s lives. In: International Population Conference/Congres International de la Population: Beijing, 1997. Liege, Belgium, International Union for the Scientific Study of Population [IUSSP], 2:681-98.
7. Paeratakul S, Popkin BM, Ge K, **Adair LS**, Stevens (1998). Changes in Diet and Physical Activity Affect the Body Mass Index of Chinese Adults. **International Journal of Obesity** 22: 424-32.

1. Siega-Riz, AM, **Adair LS** and Hobel CJ (1998) Maternal hematologic changes during pregnancy and the effect of iron status on preterm delivery in a west Los Angeles Population. **American Journal of Perinatology** 15(9):515-22.
2. **Adair LS** (1999) Filipino Children exhibit catch-up growth between ages 2 and 12 years. **Journal of Nutrition** 129:1140-48.
3. Mendez M and **Adair LS** (1999) Severity and timing of stunting affects performance on IQ and school achievement tests in late childhood. **Journal of Nutrition** 129(8):1555-62.
4. Paeratakul S, **Adair LS**, Zhai F, Ge K, Popkin BM (1999) Sex differences in measures of body fatness and the possible difference in the effect of dietary fat on body fatness in men and women. **European Journal of Clinical Nutrition** 53(11):865-71.
5. Doak, C, Adair LS, Monteiro C, Popkin BM (2000) Overweight and underweight co-exist in Brazil, China, and Russia. **Journal of Nutrition** 130: 2965-2980
6. McDade T, **Adair LS.** (2001) Defining the "urban" in urbanization and health: A factor analytic approach. **Social Science and Medicine** 53:55-70.
7. **Adair, LS**, Gordon-Larsen P. (2001) Maturational timing and overweight prevalence in US adolescent females. **American Journal of Public Health** 91:642-44. PMCID: PMC1446647
8. Wang Y, **Adair LS** (2001) How Does Maturity Adjustment Influence the Estimates of Overweight Prevalence in Adolescents from Different Countries Using an International Reference? **International Journal of Obesity** 25:550-58.
9. **Adair, LS.** (2001) Size at birth predicts age at menarche. **Pediatrics** 107(4):e59-66.
10. McDade T, Beck M, Kuzawa C, **Adair LS** (2001) Prenatal undernutrition and postnatal growth are associated with adolescent thymic function. **Journal of Nutrition** 131 (4):1225-31.
11. McDade T, Beck M, Kuzawa C, **Adair LS** (2001) Prenatal undernutrition, postnatal environments, and antibody response to vaccination in adolescence. **American Journal of Clinical Nutrition** 74 (4); 543-548.
12. **Adair LS,** Kuzawa C, Borja JR (2001) Maternal Energy Stores and Diet Composition During Pregnancy Program Adolescent Blood Pressure.  **Circulation** 104:1034-39.
13. Eckhardt CL, Rivera J, **Adair LS**, Martorell R (2001) Full breastfeeding for at least four months of life has differential effects on growth before and after six months of age among children in a Mexican community. **Journal of Nutrition** 131:2304-09.
14. Stookey, JD. **Adair LS**, Stevens J, Popkin BM (2001 ) Patterns of Long-term Change in Body Composition Are Associated with Diet, Activity, Income and Urban Residence among Older Adults in China. **Journal of Nutrition** 131: 2433-2440.
15. **Adair LS**, Popkin BM (2001) The Cebu Longitudinal Health and Nutrition Survey: History and Major Contributions of the Project. **Philippine Quarterly of Culture and Society** 29:5-37.
16. Bell AC, **Adair LS**, Popkin LS (2002) Ethnic differences in the association between body mass index and hypertension. **American Journal of Epidemiology** 155: 346-353.
17. Hindin M and **Adair LS** (2002)**.** Who's At Risk? Factors Associated Intimate Partner Violence in the Philippines. **Social Science and Medicine**. 55:1387-1401
18. Gordon-Larsen P, **Adair LS**, Popkin BM (2002) Ethnic differences in physical activity and inactivity patterns and overweight status. **Obesity Research** 10(3):141-9.
19. **Adair LS**, Guilkey DKG, Bisgrove EB, Gultiano S (2002) Effects of childbearing on women’s labor force participation and earnings. **Journal of Population Economics** 15:625-645.
20. Eckhardt CL, **Adair LS** (2002) Differences in stunting prevalence estimated from two similar growth references may be large and inconsistent in undernourished children. **Annals of Human Biology**. 29(5): 566-578.
21. Doak, C, **Adair LS**, Bentley M, Zhai F, Popkin BM (2002) The underweight/overweight household: an exploration of household socio-demographic and dietary factors in China. **Public Health Nutrition** 5: 215-221.
22. Gordon-Larsen P, **Adair LS**, and Popkin BM (2003). The Relationship of Ethnicity, Socioeconomic Factors and Overweight in US Adolescents **Obesity Research** 11:121-129.
23. **Adair LS**, Cole TJ (2003) Rapid child growth raises blood pressure in adolescent boys who were thin at birth. **Hypertension** 41:451-456.
24. Tudor-Locke C, Ainsworth BE, **Adair LS**, Popkin BM (2003). Physical activity in Filipino youth: The Cebu Longitudinal Health and Nutrition Survey. **International Journal of Obesity** 27:181-90.
25. Tudor-Locke C, Ainsworth BE, **Adair LS**, Popkin BM (2003) Objective physical activity of Filipino youth stratified for commuting mode to school. **Medicine and Science in Sports and Exercise**. 35(3):465-471.
26. Tudor-Locke C, Ainsworth BE, Adair LS, Du S, Popkin BM. (2003) Physical activity and inactivity in Chinese school-aged youth: the China Health and Nutrition Survey. Int J Obes Relat Metab Disord. 27(9):1093-9.
27. Kuzawa, C. **Adair LS** (2003) Lipid profiles in adolescent Filipinos: relation to birth weight and maternal energy status during pregnancy **American Journal Clinical Nutrition** 77:960-66.
28. Kuzawa CW, **Adair LS**, Avila JL, Cadungog JH, Le NA. (2003) Atherogenic lipid profiles in Filipino adolescents with low body mass index and low dietary fat intake **American Journal of Human Biology** Sep-Oct;15(5):688-96.
29. Saldana TM, Siega-Riz AM, **Adair LS**, Savitz DA, Thorp JM Jr. (2003) The association between impaired glucose tolerance and birth weight among black and white women in central North Carolina. **Diabetes Care**. 2003 Mar;26(3):656-61
30. Eckhardt, CL, **Adair LS**, Caballero B, Avila J, Kon, IY, Wang J, Popkin BM. (2003) Estimating body fat from anthropometry and isotopic dilution: a four-country comparison. **Obesity Research** 11(12): 1553-1562.
31. Dore, Anna, **Adair LS**, Popkin BM (2003) Low-income Russian Families Adopt Effective Behavioral Strategies to Maintain Dietary Stability in Times of Economic Crisis.  **Journal of Nutrition** 133: 3469-3475**.**
32. Borja JB, **Adair LS** (2003) Assessing the net effect of young maternal age on birthweight. **Am J Human Biol**. 15(6): 733-40.
33. McDade, T.W., Kuzawa, C., **Adair, L.S.**, and M. Beck. (2004) Prenatal and early postnatal environments are significant predictors of IgE concentration in Filipino adolescents. **Clinical and Experimental Allergy** 34(1): 44-50.
34. Bell AC, **Adair LS**, Popkin BM (2004) Understanding the role of mediating risk factors and proxy effects in the association between socio-economic status and untreated hypertension. **Social Science and Medicine.** 59(2):275-83**.**
35. **Adair LS**, , Prentice AM. (2004) A critical evaluation of the fetal origins hypothesis and its implications for developing countries. Journal of Nutrition 134(1): 191-3.
36. Perlas LA, Gibson RS, **Adair LS** (2004). Macronutrient and selected vitamin intakes from complementary foods of infants and toddlers from Cebu, Philippines. **Int J Food Sci Nutr**.55(1): 1-15.
37. Saldana TM, Siega-Riz AM, **Adair LS** (2004) Effect of macronutrient intake on the development of glucose intolerance during pregnancy. **Am J Clin Nutr**.79(3):479-86.
38. Kuzawa CW, **Adair LS** (2004) A supply-demand model of fetal energy sufficiency predicts lipid profiles in male but not female Filipino adolescents. **Eur J Clin Nutr**.58(3):438-48.
39. Daniels M, **Adair LS** (2004) Growth in young Filipino children predicts schooling trajectories through high school. **Journal of Nutrition**. 134(6):1439-46.
40. Stookey, JD, **Adair LS**, Popkin BM (2005). Do protein and energy intakes explain long-term changes in body composition? **Journal of Nutrition, Health and Aging**. 9: 5-17.
41. Doak, Colleen, **L.S. Adair**, M.E. Bentley, C. Monteiro, and B.M. Popkin (2005) The Dual Burden Household and the Nutrition Transition Paradox. **International Journal of Obesity** 29(1):129-36 .
42. Gordon-Larsen, Penny, **L.S. Adair**, M.C. Nelson, and B.M. Popkin (2004) “Five-year obesity incidence in the transition period between adolescence and adulthood: the National Longitudinal Study of Adolescent Health” **American Journal of Clinical Nutrition** 80: 569-575.
43. **Adair, LS** (2004) Dramatic Rise in Overweight and Obesity in Adult Filipino Women and Risk of Hypertension. **Obesity Research** 12 (8):1335-1341.
44. Nelson, M, Gordon-Larsen P, **Adair LS** (2005) Are adolescents who were breastfed less likely to be overweight? Analysis of sibling pairs to reduce confounding. **Epidemiology**; 16(2):247-53.
45. Nelson MC, Gordon-Larsen P, **Adair LS**, Popkin BM. Adolescent Physical Activity and Sedentary Behavior: Patterning and Long-Term Maintenance (2005) Am J Prev Med 28(3): 259-266.
46. Eckhardt CL, **Adair LS** (2005)Growth patterns of Filipino children indicate important potential for compensatory growth. **Annals of Human Biology** 32:3-14.
47. **Adair LS**, Popkin BM (2005) Are Child Eating Patterns Being Transformed Globally? **Obesity Research** 13: 1281-1299.
48. Adair LS, Dahly D (2005) Developmental determinants of blood pressure in adults **Annual Review of Nutrition** 25:407-34.
49. Daniels M, Adair LS. 2005. Breast feeding influences cognitive development in Filipino children. **Journal of Nutrition**. 135: 2589–2595.
50. Eckhardt CL, Suchindran C, Gordon-Larsen P, **Adair LS**. (2005) The association between diet and height in the postinfancy period changes with age and socioeconomic status in Filipino youths. **Journal of Nutrition** 135:2192-8.
51. Bentley ME, Corneli AL, Piwoz E, Moses A, Nkhoma J, Tohill BC, Ahmed Y, **Adair L**, Jamieson DJ, van der Horst C. (2005) Perceptions of the role of maternal nutrition in HIV-positive breast-feeding women in Malawi. **Journal of Nutrition**. Apr;135(4):945-9.
52. Nelson MC, Gordon-Larsen P, North KE, **Adair LS**. (2006) Body Mass Index Gain, Fast Food, and Physical Activity: Effects of Shared Environments over Time. **Obesity Research** 14:701-709.
53. Saldana T, Siega-Riz AM, **Adair LS**, Suchindran C. (2006) The relationship between pregnancy weight gain and glucose tolerance status among black and white women in Centrral North Carolina. **American Journal of Obstetrics and Gynecology** 195(6):1629-35.
54. **Adair LS**. (2007) Size at birth and growth trajectories to young adulthood. **American Journal of Human Biology**, 19(3) 327-337
55. Tudor-Locke C, Ainsworth BE, **Adair LS**, Du S, Lee N, Popkin BM. (2007) Cross-sectional comparison of physical activity and inactivity patterns in Chinese and Filipino youth. **Child Care Health Dev**. 2007 Jan;33(1):59-66.
56. **Adair LS**, Daniels M. (2007) Early Nutrition and Development of Cardiovascular Disease Risk. Nutrition Today 42(1): 6-13.
57. Dahly D, **Adair LS** (2007) Quantifying the urban environment: a scale measure of urbanicity outperforms the traditional urban-rural dichotomy. **Social Science and Medicine**, Apr;64(7):1407-19. PMCID: PMC2001275
58. Corneli AL, Piwoz EG, Bentley ME, Moses A, Nkhoma JR, Tohill BC, **Adair L,** Mtimuni B, Ahmed Y, Duerr A, Kazembe P, van der Horst C; UNC Project BAN Study Team (2007) Involving communities in the design of clinical trial protocols: the BAN Study in Lilongwe, Malawi. **Contemp Clin Trials**. Jan;28(1):59-67.
59. Austin GL, **Adair LS**, Galanko JA, Martin CF, Satia JA, Sandler RS. (2007) A diet high in fruits and low in meats reduces the risk of colorectal adenomas. **Journal of Nutrition**. 137(4):999-1004.
60. Kuzawa CW, Quinn EA, **Adair LS**. (2007) Leptin in a lean population of Filipino adolescents. **Am J Phys Anthropol**. 132(4):642-9.
61. Marvelle AF, Lange LA, Qin L, Wang Y, Lange EM, Adair LS, Mohlke KL. (2007) Comparison of ENCODE region SNPs between Cebu Filipino and Asian HapMap samples **Journal of Human Genetics**. 52(9):729-37.
62. Nielsen SJ, **Adair L**. (2007) An alternative to dietary data exclusions. **Journal of the American Dietary Association** 107(5):792-9.
63. **Adair, LS** (2007) Child and adolescent obesity: Epidemiology and Developmental Perspectives. **Physiology and Behavior** 94(1):8-16.
64. Daniels MC, **Adair LS**, Popkin BM, Truong YK. (2007) Dietary diversity scores can be improved through the use of portion requirements: an analysis in young Filipino children. **Eur J Clin Nutr**. 2009 Feb;63(2):199-208.
65. Monda KL, **Adair LS,** Zhai F, Popkin BM. (2007) Longitudinal relationships between occupational and domestic physical activity patterns and body weight in China. **Eur J Clin Nutr.** Epub doi:10.1038/sj.ejcn.1602849.
66. Boone JE, Gordon-Larsen P, **Adair LS**, Popkin BM. (2007) Screen time and physical activity during adolescence: longitudinal effects on obesity in young adulthood. **Int J Behav Nutr Phys Act.** 8;4:26. PMCID: PMC1906831
67. Gordon-Larsen P, **Adair LS**, Suchindran CM. (2007) Maternal obesity is associated with younger age at obesity onset in U.S. Adolescent offspring followed into adulthood. **Obesity** (Silver Spring). 15(11):2790-6.
68. Victora CG, **Adair L**, Fall C, Hallal PC, Martorell R, Richter L, Sachdev HS. (2008) Maternal and child undernutrition: consequences for adult health and human capital. **Lancet** 371: 340–57. PMCID: PMC2258311
69. Nguyen TT, **Adair LS**, He K Popkin BM (2008) Optimal cutoff values for overweight: using body mass index to predict incidence of hypertension in 18-65-year-old Chinese adults.  **Journal of Nutrition** 138:1377-1382. PMCID: PMC2587351
70. Boone-Heinonen J, Gordon-Larsen P, **Adair LS**. (2008) Obesogenic Clusters: Multidimensional Adolescent Obesity-related Behaviors in the U.S. **Ann Behav Med**. 36(3):217-30.
71. Jones LL, Griffiths PL, **Adair LS**, Norris SA, Richter LM, Cameron N. (2008) A comparison of the socio-economic determinants of growth retardation in South African and Filipino infants. **Public Health Nutr**. 11(12):1220-8.
72. Marvelle AF, Lange LA, Qin L, **Adair LS**, Mohlke KL. (2008) Association of FTO with obesity-related traits in the Cebu Longitudinal Health and Nutrition Survey (CLHNS) Cohort. **Diabetes**. 57(7):1987-91.
73. McDade TW, Rutherford JN, **Adair L**, Kuzawa C. (2008) Adiposity and pathogen exposure predict C-reactive protein in filipino women. **J Nutr**. 138(12):2442-7.
74. Feranil A, Gultiano S, **Adair LS**. (2008)The Cebu Longitudinal Health and Nutrition Survey:Two Decades Later. **Asia-Pacific Population Journal** 23(3):39-54.
75. **Adair LS**. Methods Appropriate for Studying the Relationship of Breast-feeding to Obesity (2009). **J Nutr.** 139(2):408S-11S.
76. Dahly DD, **Adair LS**, Bollen K. (2009) A structural equation model of the developmental origins of blood pressure. **Int J Epidemiol**. 38(2):538-48.
77. van der Horst C, Chasela C, Ahmed Y, Hoffman I, Hosseinipour M, Knight R, Fiscus S, Hudgens M, Kazembe P, Bentley M, **Adair L**, Piwoz E, Martinson F, Duerr A, Kourtis A, Loeliger AE, Tohill B, Ellington S, Jamieson D; Breastfeeding, Antiretroviral, and Nutrition Study Team. (2009) Modifications of a large HIV prevention clinical trial to fit changing realities: a case study of the Breastfeeding, Antiretroviral, and Nutrition (BAN) protocol in Lilongwe, Malawi. **Contemp Clin Trials**. 30(1):24-33.
78. Liu H, Mroz T, **Adair LS**. Parental Compensatory Behaviors and Early Child Health Outcomes in Cebu, Philippines. Journal of Development Economics. 2009; 90 (2):209-230.
79. Shroff M, Griffiths P, **Adair L**, Suchindran C, Bentley M. (2009) Maternal autonomy is inversely related to child stunting in Andhra Pradesh, India. **Matern Child Nutr.** 5(1):64-74.
80. Scharoun-Lee M, **Adair LS**, Kaufman JS, Gordon-Larsen P. (2009) Obesity, race/ethnicity and the multiple dimensions of socioeconomic status during the transition to adulthood: A factor analysis approach. **Soc Sci Med.** 68(4):708-16.
81. **Adair LS**, Martorell R, Stein AD, Hallal PC, Sachdev HS, Prabhakaran D, Wills AK, Norris SA, Dahly DL, Lee NR, Victora CG and the COHORTS group (2009). Size at birth, weight gain in infancy and childhood, and adult blood pressure in five low and middle income country cohorts: When does weight gain matter? **Am J Clin Nutr** 89(5):1383-92.
82. Carba D, Tan VL, **Adair LS**. (2009) Early childhood length-for-age is associated with the work status of Filipino young adults. **Econ Human Biol** 7(1):7-17.
83. Rutherford JN, McDade TW, Lee NR, **Adair L**, Kuzawa C. (2009) Change in waist circumference over 11 years and current waist circumference independently predict elevated CRP in Filipino women. **Am J Hum Biol**. 2009 Oct 23. [Epub ahead of print] PubMed PMID: 19856425.
84. Tuan NT, **Adair LS,** He K, Popkin, BM. (2009) East and Southeast Asians are different in the association between body mass index and hypertension. **Am J Clin Nutr** 89(6):1905-12.
85. Williams CD, Satia JA, **Adair LS**, Stevens J, Galanko J, Keku TO, Sandler RS. (2009) Dietary patterns, food groups, and rectal cancer risk in Whites and African Americans**. Cancer Epidemiol Biomarkers Prev**. 18(5):1552-61.
86. McDade TW, Rutherford JN, **Adair L**, Kuzawa C. (2009) Population differences in associations between C-reactive protein concentration and adiposity: comparison of young adults in the Philippines and the United States. **Am J Clin Nutr.** 89(4):1237-45.
87. Nguyen TT, **Adair LS**, Suchindran CM, He K, Popkin BM. (2009) The association between body mass index and hypertension is different between East and Southeast Asians. **Am J Clin Nutr.** 89(6):1905-12. PubMed Central PMCID: PMC2714374.
88. Thompson AL, Mendez MA, Borja JB, **Adair LS**, Zimmer CR, Bentley ME. Development and Validation of the Infant Feeding Style Questionnaire. **Appetite.** 2009 (June 30, accepted)
89. Nguyen Tuan, **Adair LS**, Stevens J, Popkin BM. (2009) Prediction of hypertension by different anthropometric indices among 18–65-year-old Chinese adults: the change in estimate approach. **Public Health Nutrition** 17:1-8.
90. Slining MM, **Adair L**, Goldman BD, Borja J, Bentley M. (2009) Infant temperament contributes to early infant growth: A prospective cohort of African American infants. **Int J Behav Nutr Phys Act.** 6:51-61
91. North KE, Graff M, **Adair LS**, Lange EM, Lange LA, Guo G, Gordon-Larsen P.(2009) Genetic Epidemiology of BMI and Body Mass Change From Adolescence to Young Adulthood. **Obesity** (Silver Spring). 2009 Oct 22. [Epub ahead of print] PubMed PMID: 19851309.
92. Kelles AR, **Adair LS**. (2009) Offspring consume a more obesogenic diet than mothers in response to changing socioeconomic status and urbanization in Cebu, Philippines. **Int J Behav Nutr Phys Act.** Jul 27;6(1):47.
93. Dahly DD, **Adair LS** (2010) Does lower birth order amplify the association between high socio-economic status and central adiposity in young adult Filipino males? **International Journal of Obesity** Apr;34:751-759 (NIHMS158686, Publ.ID: 2009IJO00376R)
94. Stein AD, Wang M, Martorell R, Norris SA, **Adair LS**, Bas I, Sachdev HS, Bhargava SK, Fall CH, Gigante DP, Victora CG; On Behalf of the Cohorts Group (2009). Growth patterns in early childhood and final attained stature: Data from five birth cohorts from low- and middle-income countries. **Am J Hum Biol**. Oct 23. [Epub ahead of print] PubMed PMID: 19856426.
95. **Adair LS** (2010) Developing World Perspective: The Importance of Growth for Short-Term Health. **Nestle Nutr Workshop Ser Pediatr Program**. 2010;65:71-83. Epub 2010 Feb 1.
96. Lange LA, Croteau-Chonka DC, Marvelle AF, Qin L, Gaulton KJ, Kuzawa CW, McDade TW, Wang Y, Li Y, Levy S, Borja JB, Lange EM, **Adair LS**, Mohlke KL. (2010) Genome-wide association study of homocysteine levels in Filipinos provides evidence for CPS1 n women and a stronger MTHFR effect in young adults. **Hum Mol Genet**. [Epub ahead of print] PMID: 20154341
97. Dahly DL, Gordon-Larsen P, Popkin BM, Kaufman JS, **Adair LS.** (2010) Associations between multiple indicators of socioeconomic status and obesity in young adult Filipinos vary by gender, urbanicity, and indicator used. **J Nutr**. 140(2):366-70. Epub 2009 Dec 23. PubMed PMID: 20032487; PubMed Central PMCID:PMC2806889.
98. Gordon-Larsen P, The NS, **Adair LS**.(2010) Longitudinal Trends in Obesity in the United States From Adolescence to the Third Decade of Life. **Obesity** (Silver Spring). Sep;18(9):1801-4. Epub 2009 Dec 24. PubMed PMID: 20035278; PubMed Central PMCID: PMC2929301.
99. Slining M, **Adair LS**, Goldman BD, Borja JB, Bentley M. Infant Overweight Is Associated with Delayed Motor Development. J Pediatr. 2010 Mar 12. [Epub ahead of print]PMID: 20227724
100. Rutherford JN, McDade TW, Feranil AB, **Adair LS**, Kuzawa CW. (2010) High prevalence of low HDL-c in the Philippines compared to the US: population differences in associations with diet and BMI. **Asia Pac J Clin Nutr**. 19(1):57-67.PMID: 20199988
101. McDade TW, Rutherford J, **Adair L**, Kuzawa CW. (2010) Early origins of inflammation: microbial exposures in infancy predict lower levels of C-reactive protein in adulthood. **Proc Biol Sc**i. 277(1684):1129-37.Epub 2009 Dec 9. PubMed PMID: 20007176. PMCID: PMC2842762.
102. Martorell R, Horta BL, **Adair LS**, Stein AD, Richter L, Fall CH, Bhargava SK, Biswas SK, Perez L, Barros FC, Victora CG; Consortium on Health Orientated Research in Transitional Societies Group. (2010) Weight gain in the first two years of life is an important predictor of schooling outcomes in pooled analyses from five birth cohorts from low- and middle-income countries. **J Nutr**. 140(2):348-54. PMCID: PMC2806888.
103. Tuan NT, **Adair LS**, Stevens J, Popkin BM. (2010) Prediction of hypertension by different anthropometric indices in adults: the change in estimate approach. **Public Health Nutr**. May;13:639-646.
104. **Adair LS**, Popkin BM, Akin JS, Guilkey DK, Gultiano S, Borja J, Perez L, Kuzawa CW, McDade T, Hindin MJ. (2011) Cohort Profile: The Cebu Longitudinal Health and Nutrition Survey. **Int J Epidemiol**. May 27. [Epub ahead of print] PubMed PMID: 20507864.
105. Rutherford JN, McDade TW, Lee NR, **Adair LS**, Kuzawa C. (2010) Change in waist circumference over 11 years and current waist circumference independently predict elevated CRP in Filipino women. **Am J Hum Biol**. May;22:310-315.
106. Williams CD, Satia JA, **Adair LS**, Stevens J, Galanko J, Keku TO, Sandler RS. (2010) Associations of red meat, fat, and protein intake with distal colorectal cancer risk. **Nutr Cancer**. 62(6):701-9. PubMed PMID: 20661817.
107. Croteau-Chonka DC, Marvelle AF, Lange EM, Lee NR, **Adair LS,** Lange LA, Mohlke KL. Genome-wide association study of anthropometric traits and evidence of interactions with age and study year in filipino women. (2011) **Obesity** (Silver Spring). 19(5):1019-27. Epub 2010 Oct 21. PubMed PMID: 20966902; PubMed Central PMCID: PMC3046220.
108. Wu Y, Li Y, Lange EM, Croteau-Chonka DC, Kuzawa CW, McDade TW, Qin L, Curocichin G, Borja JB, Lange LA, **Adair LS,** Mohlke KL. Genome-wide association study for adiponectin levels in Filipino women identifies CDH13 and a novel uncommon haplotype at KNG1-ADIPOQ. (2010) **Hum Mol Genet**. 2010 Dec 15;19(24):4955-64. PubMed PMID: 20876611; PubMed Central PMCID: PMC2989895.
109. Deierlein AL, Siega-Riz AM, **Adair LS**, Herring AH. Effects of Pre-Pregnancy Body Mass Index and Gestational Weight Gain on Infant Anthropometric Outcomes. (2011) **J Pediatr**. 158(2):221-6. Epub 2010 Sep 22. PubMed PMID: 20863516; PubMed Central PMCID: PMC3017634.
110. Kuzawa CW, McDade TW, **Adair LS**, Lee N. Rapid weight gain after birth predicts life history and reproductive strategy in Filipino males.(2010) **Proc Natl Acad Sci U S A**. 28;107(39):16800-5. PubMed PMID: 20837542; PubMedCentral PMCID: PMC2947882.
111. The NS, **Adair LS**, Gordon-Larsen P. A study of the birth weight-obesity relation using a longitudinal cohort and sibling and twin pairs. (2010) **Am J Epidemiol**. 172(5):549-57. Epub 2010 Aug 5. PubMed PMID: 20688900.
112. Williams CD, Satia JA, **Adair LS,** Stevens J, Galanko J, Keku TO, Sandler RS. Antioxidant and DNA methylation-related nutrients and risk of distal colorectal cancer. (2010) **Cancer Causes Control.** 21(8):1171-81. Epub 2010 Mar 30. PubMed PMID: 20352485.
113. **Adair LS,** Gultiano S, Suchindran C. 20-Year Trends in Filipino Women's Weight Reflect Substantial Secular and Age Effects (2011) **J Nutr. 1**41(4):667-73. Epub 2011 Feb 16. PubMed PMID: 21325475.
114. Slining MM, Kuzawa CW, Mayer-Davis EJ, **Adair LS**. Evaluating the Indirect Effect of Infant Weight Velocity on Insulin Resistance in Young Adulthood: A Birth Cohort Study From the Philippines. (2011) **Am J Epidemiol**. [Epub ahead of print] PubMed PMID: 21317221.
115. Richter LM, Victora CG, Hallal PC, **Adair LS**, Bhargava SK, Fall CH, Lee N, Martorell R, Norris SA, Sachdev HS, Stein AD; the COHORTS Group. Cohort Profile:The Consortium of Health-Orientated Research in Transitioning Societies. (2011) **Int J Epidemiol**. [Epub ahead of print] PubMed PMID: 21224276.
116. Katz EG, Stevens J, Truesdale KP, Cai J, **Adair LS**, North KE (2011) Hip circumference and incident metabolic risk factors in Chinese men and women: the People's Republic of China study. **Metab Syndr Relat Disord**. 9(1):55-62. Epub 2010 Nov 20. PubMed PMID: 21091063
117. Mehta UJ, Siega-Riz AM, Herring AH, **Adair LS**, Bentley ME (2011). Maternal obesity psychological factors and breastfeeding initiation. Breastfeed Med. 6(6):369-76. Epub 2011 Apr 14.PMID: 21492019
118. Scharoun-Lee M, Gordon-Larsen P, **Adair LS**, Popkin BM, Kaufman JS, Suchindran CM. Intergenerational Profiles of Socioeconomic (Dis)advantage and Obesity During the Transition to Adulthood (2011) Demography 48(2):625-51. PubMed PMID:21491185.
119. McDade TW, **Adair L**, Feranil AB, Kuzawa C. Positive antibody response to vaccination in adolescence predicts lower C-reactive protein concentration in young adulthood in the Philippines (2011). **Am J Hum Biol**. 23(3):313-8. doi: 10.1002/ajhb.21128. Epub 2010 Dec 17. PubMed PMID: 21484910; PubMed Central PMCID: PMC3085319.
120. Al-Sahab B, **Adair L**, Hamadeh MJ, Ardern CI, Tamim H (2011). Impact of breastfeeding duration on age at menarche. **Am J Epidemiol**. 173(9):971-7. Epub 2011 Mar 23. PubMed PMID: 21430189.
121. Wasser H, Bentley M, Borja J, Davis Goldman B, Thompson A, Slining M, **Adair L.** (2011). Infants perceived as "fussy" are more likely to receive complementary foods before 4 months. **Pediatrics.** 127(2):229-37. Epub 2011 Jan 10. PubMed PMID: 21220398; PubMed Central PMCID: PMC3025423.
122. Dearth-Wesley T, Gordon-Larsen P, **Adair LS**, Siega-Riz AM, Zhang B, Popkin BM. (2011). Less Traditional Diets in Chinese Mothers and Children Are Similarly Linked to Socioeconomic and Cohort Factors but Vary with Increasing Child Age. **J Nutr**. 141(9):1705-11. Epub 2011 Jul 6. PubMed PMID: 21734061; PubMed Central P MCID: PMC3159056.
123. Wu Y, McDade TW, Kuzawa CW, Borja J, Li Y, **Adair LS**, Mohlke KL, Lange LA. (2011). Genome-wide Association with C-Reactive Protein Levels in CLHNS: Evidence for the CRP and HNF1A Loci and their Interaction with Exposure to a Pathogenic Environment. **Inflammation** 35(2):574-83. [Epub ahead of print] PubMed PMID:21647738.
124. Parker ME, Bentley ME, Chasela C, **Adair L**, Piwoz EG, Jamieson DJ, Ellington S, Kayira D, Soko A, Mkhomawanthu C, Tembo M, Martinson F, Van der Horst CM. (2011) The Acceptance and Feasibility of Replacement Feeding at 6 Months as an HIV Prevention Method in Lilongwe, Malawi: Results From the BAN Study. **AIDS Educ Prev**. 23(3):281-95. PubMed PMID: 21696245.
125. Parker ME, Tembo M, **Adair L**, Chasela C, Piwoz EG, Jamieson DJ, Ellington S, Kayira D, Soko A, Mkhomawanthu C, Martinson F, van der Horst CM, Bentley ME; for the BAN Study Team (2011). The health of HIV-exposed children after early weaning. **Matern Child Nutr**. doi: 10.1111/j.1740-8709.2011.00369.x. [Epub ahead of print] PubMed PMID: 22099216.
126. Feranil AB, Duazo PL, Kuzawa CW, **Adair LS** (2011) Coconut oil is associated with a beneficial lipid profile in pre-menopausal women in the Philippines. **Asia Pac J Clin Nutr**. 20(2):190-5. PubMed PMID: 21669587.
127. McDade TW, Kuzawa CW, **Adair LS**, Tallman P, Borja J. (2011) Comparative insights into the regulation of inflammation: Levels and predictors of interleukin 6 and interleukin 10 in young adults in the Philippines. **Am J Phys Anthro**. 146(3):373-84. doi:10.1002/ajpa.21586. Epub 2011 Aug 24.
128. Jahns L, **Adair L**, Mroz T, Popkin BM (2012). The declining prevalence of overweight among Russian children. Income, diet, and physical activity behavior changes. **Econ Hum Biol**;10(2):139-46. Epub 2011 Jul 26. PubMed PMID: 21840274; PubMed Central PMCID: PMC3268832.
129. Croteau-Chonka DC, Wu Y, Li Y, Fogarty MP, Lange LA, Kuzawa CW, McDade TW, Borja JB, Luo J, Abdelbaky O, Combs TP, **Adair LS**, Lange EM, Mohlke KL (2011). Population-specific coding variant underlies genome-wide association with adiponectin level. **Hum Mol Genet**. 15;21(2):463-71. Epub 2011 Oct 18.
130. Mehta UJ, Siega-Riz AM, Herring AH, **Adair LS**, Bentley ME (2011). Pregravid body mass index, psychological factors during pregnancy and breastfeeding duration: is there a link? **Matern Child Nutr.** 8(4):423-433. doi: 10.1111/j.1740-8709.2011.00335.x. Epub 2011 Sep 28.
131. Curocichin G, Wu Y, McDade TW, Kuzawa CW, Borja JB, Qin L, Lange EM, **Adair LS**, Lange LA, Mohlke KL (2011). Single-nucleotide polymorphisms at five loci are associated with C-reactive protein levels in a cohort of Filipino young adults. **J Hum Genet**.56(12) 823-827. doi: 10.1038/jhg.2011.106. Epub 2011 Sep 22. PubMed PMID: 21937998; PubMed Central PMCID: PMC3245328.
132. Ramlal RT, Tembo M, Soko A, Chigwenembe M, Tohill BC, Kayira D, King CC, Chasela C, Jamieson D, van der Horst C, Bentley ME, **Adair LS**; the BAN Study Team (2012). Patterns of Body Composition Among HIV-Infected, Pregnant Malawians and the Effects of Famine Season. **Matern Child Health J**. [Epub ahead of print] PubMed PMID: 22395817.
133. Kayira D, Bentley ME, Wiener J, Mkhomawanthu C, King CC, Chitsulo P, Chigwenembe M, Ellington S, Hosseinipour MC, Kourtis AP, Chasela C, Tembo M, Tohill B, Piwoz EG, Jamieson DJ, van der Horst C, **Adair L**; for the BAN Study Team (2012). A lipid-based nutrient supplement mitigates weight loss among HIV-infected women in a factorial randomized trial to prevent mother-to-child transmission during exclusive breastfeeding. **Am J Clin Nutr**. 95(3):759-765. Epub 2012 Jan 18. PubMed PMID: 22258269; PubMed Central PMCID: PMC3278250.
134. Adgent MA, Daniels JL, Rogan WJ, Adair L, Edwards LJ, Westreich D, Maisonet M, Marcus M. (2012) Early-life soy exposure and age at menarche. Paediatr Perinat Epidemiol. 26(2):163-75. doi: 10.1111/j.1365-3016.2011.01244.x. Epub 2011 Dec 16. PubMed PMID: 22324503.
135. Tallman PS, Kuzawa C, Adair L, Borja JB, McDade TW. (2012) Microbial exposures in infancy predict levels of the immunoregulatory cytokine interleukin-4 in Filipino young adults. Am J Hum Biol. 2012 Feb 5. doi: 10.1002/ajhb.22244. [Epub ahead of print] PubMed PMID: 22307655.
136. Popkin BM, Adair LS, Ng SW (2012). Global nutrition transition and the pandemic of obesity in developing countries. Nutr Rev.70(1):3-21. doi: 10.1111/j.1753-887.2011.00456.x. Review. PubMed PMID: 22221213; PubMed Central PMCID: PMC3257829.
137. Ickes SB, Jilcott SB, Myhre JA, **Adair LS**, Thirumurthy H, Handa S, Bentley ME, Ammerman AS. (2012) Examination of facilitators and barriers to home-based supplemental feeding with ready-to-use food for underweight children in western Uganda. **Matern Child Nutr**. 8(1):115-29. doi: 10.1111/j.1740-8709.2010.00260.x. Epub 2010 Jul 19. PubMed PMID: 22136223.
138. Kuzawa CW, Hallal PC, **Adair L**, Bhargava SK, Fall CH, Lee N, Norris SA, Osmond C, Ramirez-Zea M, Sachdev HS, Stein AD, Victora CG; COHORTS Group (2012). Birth weight, postnatal weight gain, and adult body composition in five low and middle income countries. **Am J Hum Biol**. 24(1):5-13. doi: 10.1002/ajhb.21227. Epub 2011 Nov 28. PubMed PMID: 22121058.
139. Ramlal RT, Tembo M, Soko A, Chigwenembe M, Ellington S, Kayira D, King CC, Chasela C, Jamieson D, van der Horst C, Bentley ME, **Adair LS**; BAN Study Team (2012). Maternal mid-upper arm circumference is associated with birth weight among HIV-infected Malawians. **Nutr Clin Pract**. 27(3):416-21. Epub 2012 Apr 16. PubMed PMID: 22511656.
140. Kuzawa CW, Tallman PS, **Adair LS**, Lee N, McDade TW (2012) Inflammatory profiles in the non-pregnant state predict offspring birth weight: evidence for intergenerational effects of low grade inflammation. **Ann Hum Biol**. 39(4):267-74. Epub 2012 Jun 13. PubMed PMID: 22690728.
141. Carba DB, Bas IN, Gultiano SA, Lee NR, **Adair LS** (2012). Waist circumference and the risk of hypertension and prediabetes among Filipino women. **Eur J Nutr**. 2012 Jun 9. [Epub ahead of print]
142. Flax VL, Bentley ME, Chasela CS, Kayira D, Hudgens MG, Knight RJ, Soko A, Jamieson DJ, van der Horst CM, **Adair LS**. Use of Lipid-Based Nutrient Supplements by HIV-Infected Malawian Women during Lactation Has No Effect on Infant Growth from 0 to 24 Weeks. **J Nutr.** 142(7):1350-6. Epub 2012 May 30.
143. Jamieson DJ, Chasela CS, Hudgens MG, King CC, Kourtis AP, Kayira D, Hosseinipour MC, Kamwendo DD, Ellington SR, Wiener JB, Fiscus SA, Tegha G, Mofolo IA, Sichali DS, **Adair LS**, Knight RJ, Martinson F, Kacheche Z, Soko A, Hoffman I, van der Horst C; for the BAN study team. Maternal and infant antiretroviral regimens to prevent postnatal HIV-1 transmission: 48-week follow-up of the BAN randomised controlled trial. **Lancet**. 30;379(9835):2449-58. Epub 2012 Apr 26.
144. Ramlal RT, Tembo M, Soko A, Chigwenembe M, Ellington S, Kayira D, King CC, Chasela C, Jamieson D, van der Horst C, Bentley ME, **Adair LS**; the BAN Study Team. Maternal Mid-Upper Arm Circumference Is Associated With Birth Weight Among HIV-Infected Malawians. **Nutr Clin Pract**. 2012 Jun;27(3):416-421. Epub 2012 Apr 16. PubMed PMID: 22511656.
145. Zubair N, Kuzawa CW, McDade TW, **Adair LS** (2012). Cluster analysis reveals important determinants of cardiometabolic risk patterns in Filipino women. **Asia Pac J Clin Nutr.** 21(2):271-81. PubMed PMID: 22507615.
146. McDade TW, Hoke M, Borja JB, **Adair LS**, Kuzawa C (2012). Do environments in infancy moderate the association between stress and inflammation in adulthood? Initial evidence from a birth cohort in the Philippines. **Brain Behav Immun**. 2012 Aug 31. pii: S0889-1591(12)00397-2. doi: 10.1016/j.bbi.2012.08.010. [Epub ahead of print]

PubMed PMID: 22960631

1. Yan S, Li J, Li S, Zhang B, Du S, Gordon-Larsen P, **Adair L**, Popkin B (2012). The expanding burden of cardiometabolic risk in China: the China Health and Nutrition Survey. **Obes Rev**. 2012 Jun 28. doi: 10.1111/j.1467-789X.2012.01016.x. [Epub ahead of print] PubMed PMID: 22738663.
2. Gordon-Larsen P, **Adair LS**, Meigs JB, Mayer-Davis E, Herring A, Yan S, Zhang B, Shufa D, Popkin BM (2012). Discordant Risk: Overweight and cardiometabolic risk in Chinese adults. **Obesity (Silver Spring)**. 2012 Jun 20. doi: 10.1038/oby.2012.152. [Epub ahead of print] PubMed PMID: 22714089.
3. Mehta UJ, Siega-Riz AM, Herring AH, **Adair LS**, Bentley ME (2012). Pregravid body mass index is associated with early introduction of complementary foods. **J Acad Nutr Diet**. 112(9):1374-9. PubMed PMID: 22939440; PubMed Central PMCID:PMC3433719.
4. **Adair LS.** How could complementary feeding patterns affect the susceptibility to NCD later in life? **Nutr Metab Cardiovasc Dis**. 2012 Oct;22(10):765-9. Epub 2012Aug 15. PubMed PMID: 22901844.
5. Slining MM, Herring AH, Popkin B, Mayer-Davis EJ, **Adair LS** (2012). Infant BMI trajectories are associated with young adult body composition. **J Devel Origins Adult Disease**, J Dev. 2013 Feb 1;4(1):56-68.
6. **Adair, L.S**., C.H. Fall, C. Osmond, A.D. Stein, R. Martorell, M. Ramirez-Zea, H.S. Sachdev, D.L. Dahly, I. Bas, S.A. Norris, L. Micklesfield, P. Hallal, and C.G. Victora. 2013. "Associations of linear growth and relative weight gain during early life with adult health and human capital in countries of low and middle income: findings from five birth cohort studies." *Lancet* 382(9891):525-534.
7. Bollen, K.A., M.D. Noble, and **L.S. Adair**. 2013. "Are gestational age, birth weight, and birth length indicators of favorable fetal growth conditions? A structural equation analysis of Filipino infants." *Stat Med* 32(17):2950-2961.
8. Carba, D.B., I.N. Bas, S.A. Gultiano, N.R. Lee, and **L.S. Adair**. 2013. "Waist circumference and the risk of hypertension and prediabetes among Filipino women." *Eur J Nutr* 52(2):825-832.
9. Christian, P., S.E. Lee, M. Donahue Angel, **L.S. Adair**, S.E. Arifeen, P. Ashorn, F.C. Barros, C.H. Fall, W.W. Fawzi, W. Hao, G. Hu, J.H. Humphrey, L. Huybregts, C.V. Joglekar, S.K. Kariuki, P. Kolsteren, G.V. Krishnaveni, E. Liu, R. Martorell, D. Osrin, L.A. Persson, U. Ramakrishnan, L. Richter, D. Roberfroid, A. Sania, F.O. Ter Kuile, J. Tielsch, C.G. Victora, C.S. Yajnik, H. Yan, L. Zeng, and R.E. Black. 2013. "Risk of childhood undernutrition related to small-for-gestational age and preterm birth in low- and middle-income countries." *Int J Epidemiol*.
10. Croteau-Chonka, D.C., L.A. Lange, N.R. Lee, **L.S. Adair**, and K.L. Mohlke. 2013. "Replication of LIN28B SNP association with age of menarche in young Filipino women." *Pediatr Obes* 8(5):e50-53.
11. Dahly, D.L., P. Gordon-Larsen, M. Emch, J. Borja, and L.S. Adair. 2013. "The spatial distribution of overweight and obesity among a birth cohort of young adult Filipinos (Cebu Philippines, 2005): an application of the Kulldorff spatial scan statistic." *Nutr Diabetes* 3:e80.
12. Flax, V.L., M.E. Bentley, C.S. Chasela, D. Kayira, M.G. Hudgens, K.Z. Kacheche, C. Chavula, A.P. Kourtis, D.J. Jamieson, C.M. van der Horst, and **L.S. Adair**. 2013. "Lipid-based nutrient supplements are feasible as a breastmilk replacement for HIV-exposed infants from 24 to 48 weeks of age." *J Nutr* 143(5):701-707.
13. Gordon-Larsen, P., **L.S. Adair**, J.B. Meigs, E. Mayer-Davis, A. Herring, S.K. Yan, B. Zhang, S. Du, and B.M. Popkin. 2013. "Discordant risk: overweight and cardiometabolic risk in Chinese adults." *Obesity (Silver Spring)* 21(1):E166-174.
14. Jaacks, L.M., P. Gordon-Larsen, E.J. Mayer-Davis, **L.S. Adair,** and B. Popkin. 2013. "Age, period and cohort effects on adult body mass index and overweight from 1991 to 2009 in China: the China Health and Nutrition Survey." *Int J Epidemiol* 42(3):828-837.
15. Katz, J., A.C. Lee, N. Kozuki, J.E. Lawn, S. Cousens, H. Blencowe, M. Ezzati, Z.A. Bhutta, T. Marchant, B.A. Willey, **L. Adair**, F. Barros, A.H. Baqui, P. Christian, W. Fawzi, R. Gonzalez, J. Humphrey, L. Huybregts, P. Kolsteren, A. Mongkolchati, L.C. Mullany, R. Ndyomugyenyi, J.K. Nien, D. Osrin, D. Roberfroid, A. Sania, C. Schmiegelow, M.F. Silveira, J. Tielsch, A. Vaidya, S.C. Velaphi, C.G. Victora, D. Watson-Jones, and R.E. Black. 2013. "Mortality risk in preterm and small-for-gestational-age infants in low-income and middle-income countries: a pooled country analysis." *Lancet* 382(9890):417-425.

1. Kuzawa, C.W., **L.S. Adair**, J. Borja, and T.W. McDade. 2013. "C-reactive protein by pregnancy and lactational status among Filipino young adult women." *Am J Hum Biol* 25(1):131-134.

1. McDade, T.W., M. Hoke, J.B. Borja, **L.S. Adair**, and C. Kuzawa. 2013. "Do environments in infancy moderate the association between stress and inflammation in adulthood? Initial evidence from a birth cohort in the Philippines." *Brain Behav Immun* 31:23-30.
2. Parker, M.E., M. Tembo, **L. Adair**, C. Chasela, E.G. Piwoz, D.J. Jamieson, S. Ellington, D. Kayira, A. Soko, C. Mkhomawanthu, F. Martinson, C.M. van der Horst, and M.E. Bentley. 2013. "The health of HIV-exposed children after early weaning." *Matern Child Nutr* 9(2):217-232.
3. Ramlal, R.T., M. Tembo, A. Soko, M. Chigwenembe, B.C. Tohill, D. Kayira, C.C. King, C. Chasela, D. Jamieson, C. van der Horst, M.E. Bentley, and **L.S. Adair**. 2013. "Patterns of body composition among HIV-infected, pregnant Malawians and the effects of famine season." *Matern Child Health J* 17(2):265-273.
4. Slining, M.M., A.H. Herring, B.M. Popkin, E.J. Mayer-Davis, and **L.S. Adair**. 2013. "Infant BMI trajectories are associated with young adult body composition." *J Dev Orig Health Dis* 4(1):56-68.
5. Thompson, A.L., **L.S. Adair**, and M.E. Bentley. 2013. "Maternal characteristics and perception of temperament associated with infant TV exposure." *Pediatrics* 131(2):e390-397.
6. Thompson, A.L., **L.S. Adair**, and M.E. Bentley. 2013. "Pressuring and restrictive feeding styles influence infant feeding and size among a low-income African-American sample." *Obesity (Silver Spring)* 21(3):562-571.
7. Thompson, A.L., K.M. Houck, **L. Adair**, P. Gordon-Larsen, S. Du, B. Zhang, and B. Popkin. 2013. "Pathogenic and obesogenic factors associated with inflammation in Chinese children, adolescents and adults." *Am J Hum Biol*.
8. Wasser, H.M., A.L. Thompson, A. Maria Siega-Riz, **L.S. Adair**, E.A. Hodges, and M.E. Bentley. 2013. "Who's feeding baby? Non-maternal involvement in feeding and its association with dietary intakes among infants and toddlers." *Appetite* 71C:7-15.
9. Widen, E.M., M.E. Bentley, D. Kayira, C.S. Chasela, D.J. Jamieson, M. Tembo, A. Soko, A.P. Kourtis, V.L. Flax, S.R. Ellington, C.M. van der Horst, and **L.S. Adair**. 2013. "Maternal weight loss during exclusive breastfeeding is associated with reduced weight and length gain in daughters of HIV-infected Malawian women." *J Nutr* 143(7):1168-1175.
10. Wu, Y., A.F. Marvelle, J. Li, D.C. Croteau-Chonka, A.B. Feranil, C.W. Kuzawa, Y. Li, **L.S. Adair**, and K.L. Mohlke. 2013b. "Genetic association with lipids in Filipinos: waist circumference modifies an APOA5 effect on triglyceride levels." *J Lipid Res* 54(11):3198-3205.

**Papers as part of genetic consortia using Cebu Longitudinal Health and Nutrition Survey data**

1. Freathy RM, Mook-Kanamori DO, Sovio U, Prokopenko I, et al. (2010) Variants in ADCY5 and near CCNL1 are associated with fetal growth and birth weight. **Nat Genet.** 42:430-435.
2. Teslovich TM, Musunuru K, Smith AV, Edmondson AC, Stylianou IM, et al. Biological, clinical and population relevance of 95 loci for blood lipids. **Nature.** 2010 Aug 5;466(7307):707-13. PubMed PMID: 20686565.
3. Fox ER, Young JH, Li Y, Dreisbach AW, Keating BJ, et al with The International Consortium for Blood Pressure Genome-wide Association Studies (ICBP-GWAS); CARDIoGRAM consortium; CKDGen consortium; KidneyGen consortium; EchoGen consortium; CHARGE-HF consortium, Chakravarti A, Zhu X, Levy D. (2011). Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. **Hum Mol Genet**. 20(11):2273-2284. PubMed Central PMCID: PMC3090190.
4. Kilpelainen TO, den Hoed M, Ong KK, Grontved A,k Brage S; Early Growth Genetics Consortium, Jameson K, Cooper C, Khaw KT, Ekelund U, Wareham NJ, Loos RJ. (2011) Obesity-susceptibility loci have a limited influence on birth weight: a meta-analysis of up to 28,219 individuals. **Am J Clin Nutr**. 2011 Apr;93(4):851-60 Epub 2011 Jan 19 PubMed PMID: 21248185.
5. Cho YS, Chen CH, Hu C, Long J, Ong RT, Sim X, Takeuchi F, Wu Y, et al. (2011) Meta-analysis of genome-wide association studies identifies eight new loci for type 2 diabetes in east Asians. **Nat Genet**.;44(1):67-72. doi: 10.1038/ng.1019. PubMed PMID: 22158537.
6. Horikoshi M, Yaghootkar H, Mook-Kanamori DO, Sovio U, Taal HR, et al. New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. **Nat Genet**. 2012 Dec 2;45(1):76-82. doi: 10.1038/ng.2477. Epub 2012 Dec 2. PubMed PMID: 23202124.
7. Xi B, Takeuchi F, Chandak GR, Kato N, Pan HW; AGEN-T2D Consortium, et al.. Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. **PLoS Genet**. 2012;8(3):e1002607. doi: 10.1371/journal.pgen.1002607. Epub 2012 Mar 29. PubMed PMID: 22479202; PubMed Central PMCID: PMC3315470.
8. Scott RA, Lagou V, Welch RP, Wheeler E, Montasser ME, Luan J, et al. Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. **Nat Genet.** 2012 Sep;44(9):991-1005. doi: 10.1038/ng.2385. Epub 2012 Aug 12. PubMed PMID: 22885924; PubMed Central PMCID: PMC3433394.
9. Bradfield JP, Taal HR, Timpson NJ, Scherag A, Lecoeur C, Warrington NM, et al Early Growth Genetics Consortium. A genome-wide association meta-analysis identifies new childhood obesity loci. **Nat Genet**. 2012 May;44(5):526-31. doi: 10.1038/ng.2247. PubMed PMID: 22484627; PubMed Central PMCID: PMC3370100.
10. Taal HR, St Pourcain B, Thiering E, Das S, Mook-Kanamori DO, Warrington NM, et al.; Early Growth Genetics Consortium. Common variants at 12q15 and 12q24 are associated with infant head circumference. **Nat Genet.** 2012 Apr 15;44(5):532-8. doi: 10.1038/ng.2238. PubMed PMID: 22504419.
11. Ikram MA, Fornage M, Smith AV, Seshadri S, Schmidt R, et al. Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. Common variants at 6q22 and 17q21 are associated with intracranial volume. **Nat Genet.** 2012 Apr 15;44(5):539-44. doi: 10.1038/ng.2245. Erratum in: Nat Genet. 2012 Jun;44(6):732. PubMed PMID: 22504418.
12. Do, RCJ, Willer EM, Schmidt S, Sengupta C, Gao GM, Peloso S, et al. (2013) "Genome-wide association study meta-analysis reveals transethnic replication of mean arterial and pulse pressure Loci." ***Hypertension*** 62(5):853-859.
13. Willer, C.J.E.M. SchmidtS. SenguptaG.M. PelosoS. GustafssonS. Et al.. 2013. "Discovery and refinement of loci associated with lipid levels." ***Nat Genet***. 2013 Oct 6. doi: 10.1038/ng.2797. [Epub ahead of print]
14. Wu, Y., H. Gao, H. Li, Y. Tabara, M. Nakatochi, Y.F. Chiu, E.J. Park, W. Wen, L.S. Adair, J.B. Borja, et al (2013). "A meta-analysis of genome-wide association studies for adiponectin levels in East Asians identifies a novel locus near WDR11-FGFR2." ***Hum Mol Genet***. Oct 14. [Epub ahead of print]
15. Wu, Y., L.L. Waite, A.U. Jackson, W.H. Sheu, S. Buyske, D. Absher, et al. (2013). "Trans-ethnic fine-mapping of lipid loci identifies population-specific signals and allelic heterogeneity that increases the trait variance explained." ***PLoS Genet*** 9(3):e1003379.

**Papers as part of the BAN Study Team**

1. Chasela CS, Wall P, Drobeniuc J, King CC, Teshale E, Hosseinipour MC, Ellington SR, Codd M, Jamieson DJ, Knight RJ, Fitzpatrick P, Kourtis AP, Hoffman IF, Kayira D, Mumba N, Kamwendo DD, Martinson F, Powderly W, van der Horst C, Kamili S; BAN team. Prevalence of hepatitis C virus infection among human immunodeficiency virus-1-infected pregnant women in Malawi: the BAN study. J Clin Virol. 2012 Aug;54(4):318-20. doi: 10.1016/j.jcv.2012.05.003. Epub 2012 Jun 2. PubMed PMID: 22658797.
2. Ferguson YO, Eng E, Bentley M, Sandelowski M, Steckler A, Randall-David E, Piwoz EG, Zulu C, Chasela C, Soko A, Tembo M, Martinson F, Tohill BC, Ahmed Y, Kazembe P, Jamieson DJ, van der Horst C; UNC Project BAN Study Team, **Adair L**, Ahmed Y, Ait-Khaled M, Albrecht S, Bangdiwala S, Bayer R, Bentley M, Bramson B, Bobrow E, Boyle N, Butera S, Chasela C, Chavula C, Chimerang'ambe J, Chigwenembe M, Chikasema M, Chikhungu N, Chilongozi D, Chiudzu G, Chome L, Cole A, Corbett A, Corneli A, Duerr A, Eliya H, Ellington S, Eron J, Farr S, Ferguson YO, Fiscus S, Galvin S, Guay L, Heilig C, Hoffman I, Hooten E, Hosseinipour M, Hudgens M, Hurst S, Hyde L, Jamieson D, Joaki G, Jones D, Kacheche Z, Kamanga E, Kamanga G, Kampani C, Kamthunzi P, Kamwendo D, Kanyama C, Kashuba A, Kathyola D, Kayira D, Kazembe P, Knight R, Kourtis A, Krysiak R, Kumwenda J, Loeliger E, Luhanga M, Madhlopa V, Majawa M, Maida A, Marcus C, Martinson F, Thoofer N, Matika C, Mayers D, Mayuni I, McDonough M, Meme J, Merry C, Mita K, Mkomawanthu C, Mndala G, Mndala I, Moses A, Msika A, Msungama W, Mtimuni B, Muita J, Mumba N, Musis B, Mwansambo C, Mwapasa G, Nkhoma J, Pendame R, Piwoz E, Raines B, Ramdas Z, Rublein J, Ryan M, Sanne I, Sellers C, Shugars D, Sichali D, Snowden W, Soko A, Spensley A, Steens JM, Tegha G, Tembo M, Thomas R, Tien HC, Tohill B, van der Horst C, Waalberg E, Wiener J, Wilfert C, Wiyo P, Zgambo O, Zimba C. (2009) Evaluating nurses' implementation of an infant-feeding counseling protocol for HIV-infected mothers: The Ban Study in Lilongwe, Malawi. **AIDS Educ Prev.** 21(2):141-55.

**III. Book Reviews**

Adair, Linda. Developing a Different Perspective on Disease. Review of Developmental Origins of Health and Disease, Peter Gluckman and Mark Hanson (editors) Cambridge University Press, 2006. Science 2 February 2007: 600-601.

IV Book Chapters

**Adair LS** (1984) Marginal intake and maternal adaptation: The case of rural Taiwan. In: Pollitt, E. and P. Amante (eds) Energy Intake and Activity, pp 33-55. New York: Alan R. Liss.

**Adair, LS** (1987) Nutrition in the Reproductive Years. In: Johnston, F.E. (ed) Nutritional Anthropology, pp 119-154. New York: Alan R. Liss.

**Adair, LS** and E Bisgrove (1991) Relationship of maternal anthropometry and pregnancy weight gain to pregnancy outcome. In: Anthropometric Assessment of Nutritional Status. John Himes (ed) New York: Alan R. Liss.

**Adair, LS**, VanDerslice J, Zohoori N (1992) "Urban-rural differences in determinants of growth and health of Filipino infants. In: Urban Ecology and Health in the Third World. Schell LM, Watts E, Smith M, and Bilsborough A (editors). Cambridge University Press, Cambridge U.K.

**Adair, LS** (1991) Weight-for-Height and body mass index in nonpregnant women. In: Maternal Nutrition and Pregnancy Outcomes: Anthropometric Assessment. K. Krasovec and MA Anderson (eds). Pan American Health Organization, Scientific Publication No. 529, Washington, D.C.

**Adair LS**; Popkin BM (1997) Special policies are needed to promote breastfeeding among low birthweight infants. In: Exclusive breastfeeding promotion: a summary of findings from EPB's applied research program (1992-1996), Wellstart International. Expanded Promotion of Breastfeeding Program. Washington, D.C.

**Adair LS** (1999) Pre-and postnatal exposures and later growth and developmental outcomes. In: Johnston FE, Eveleth, P, and Zemel B (eds) Human Growth in Context. Chapter 28. Auxology: Advances in the study of Human Growth and Development, No.2. London: Smith-Gordon.

**Adair LS,** Kuzawa C. (2001) Early growth failure and syndrome X: Conceptual and Methodological Issues Surrounding the Programming Hypothesis In Nutrition and Growth. Nestle Nutrition Workshop Series, Volume 47. Lippencott-Raven, Philadelphia PA .

**Adair LS** (2002) Early Nutrition Conditions and Later Risk of Disease. In: Caballero, Benjamin and B.M. Popkin, Editors. The nutrition transition: diet, lifestyle and disease in the developing world. (London: Academic Press).

**Adair LS** (2005) Early Origins of Disease: Non-Fetal. Encyclopedia of Human Nutrition.

**IV Other**

**Adair, LS**, Popkin BM, Bisgrove EZ (1990) A longitudinal analysis of patterns and determinants of women's diet and nutritional status in the Philippines. Maternal Nutrition and Health Care Program Research Reports Series. Report Number 1. International Center for Research on Women, Washington D.C.

**Adair LS,** Polhamus B, Viswanathan M., Gultiano S., and Avila, J (1997) Exploring the Complexity of Women’s Lives: Family Planning, Children, Decision-making, Domestic Work, and Labor Force Participation in Cebu, Philippines. Report to the Agency for International Development.

**Adair LS**, Polhamus B (1998) Testing Indicators for use in monitoring interventions to improve women’s nutritional status. Working Paper of the Measure/Evaluation Project. University of North Carolina at Chapel Hill

**Adair, LS.** (2013). "Discussion on economic drivers and consequences of stunting." Nestle Nutr Inst Workshop Ser **71**: 143-146.

**Adair, LS** (2013). "Discussion on migration and development of obesity and cardiometabolic disease in the developing world." Nestle Nutr Inst Workshop Ser **71**: 157-160.

**V. Selected Invited Lectures: 2008-2012**

**Can we prevent NCD’s by targeting the first 1000 days of life? Overview of early life factors that influence NCD risk and implications for interventions and policy.** USAID Consultation on Non-Communicable Diseases and Targeting in the first 1,000 Days: Examining the science and programmatic approaches to combating NCDs by targeting the first 1,000 days. Washington DC, August 2012

**The Emergence of Obesity and Cardiometabolic Disease Risk in China: Important Contributions of the *China Health and Nutrition Survey.*** China Centers for Disease Control and Prevention, Beijing, June 2012.

***Why are the first 1000 days of life so important for health and human development?*** Chinese Public Health Nutrition Congress, Souzhou China, June 2012

***Conceptual basis of the pathways through which early diet could influence chronic disease development.***  World Health Organization Workshop on Complementary feeding and Non Communicable Disease development, June 2011

***What is Risky about early growth?*** Predicting Lifespan Health Conference: Fetal Programing. Emory University Center for Predictive Health. February 2011

***Relating early life exposures to young adult outcomes: methodological challenges and insights from the COHORTS collaboration***. Brown University Epidemiology Lecture Series, March 2011

***What is Risky about early growth?*** University of the Witswatersrand School of Public Health. March 2011

***Short & Long-Term Benefits to Promoting Healthy Growth***. Promoting Healthy Growth: Implications of Shifting Global Focus and Efforts from Underweight to Linear Growth and Stunting, Bill & Melinda Gates Foundation, March 2010

***Lifecourse perspectives on health and nutrition: Lessons from 25 years of the Cebu Longitudinal Health and Nutrition Survey*** Keynote lecture, Philippine Population Association. Manila, February 2010

***Lifecourse perspectives on health and nutrition: The Cebu Longitudinal Health and Nutrition Survey*** Philippine Nutrition Society, Nutrition Center of the Philippines, February 2010

***Feeding styles and parenting: influences on toddler dietary intake and weight status***

***The Infant Care project.*** Center for Excellence in Pediatric Nutrition Symposium, Chapel Hill, December 2009

***Birth weight, early child growth and young adult body composition, blood pressure and glucose metabolism: A pooled analysis from birth cohorts in 5 developing and transitional countries International Congress of Nutrition.*** Bangkok, Thailand. October 2009.

***Impact of Early Growth on Lifelong health.*** Society for the Developmental Origins of Adult Disease. Santiago, Chile. November 2009

***Structural equation modeling in epidemiological studies.*** Laval University, September 2009.

***The importance of growth for short term health***. Presented at the 65th Nestle Nutrition Institute Workshop Developing World Perspective: Importance of Growth for Health and Development, Kuala Lampur, Malaysia, March 30, 2009.

***Maternal and Child Nutrition: Long Term Impacts on Disease in Low and Middle Income Countries.*** Teratology Society Annual Meeting, San Juan, Puerto Rico April 2009

***Effect of birth weight and early feeding practices on child obesity.*** University of Alabama at Birmingham. Intensive Course in Pediatric Nutrition. Birmingham AL, March 25, 2009

***Early life determinants of obesity***. Presented at the Centers for Disease Control, Maternal and Child Health Epidemiology Conference, Atlanta GA, Dec. 10-12, 2008.

***Long-Term Effects of Infant Feeding.***  Presented at the the Obesity Society Symposium, Early-Life Risk Factors for Obesity. Phoenix, AZ, October 6, 2008

***The Global Nutrition Transition Worldview***: An international program for educators

Community College Symposium 2008: Globalization and Global Health Issues: The University of North Carolina at Chapel Hill. November 12, 2008.

***Methods appropriate for infant feeding studies***. Presented at the American Society for Nutrition Symposium: Infant Feeding and the Development of Obesity: What Does the Science Tell Us? Session Chair, and presenter, San Diego, CA, April 9, 2008.

***CVD biomarkers in the Cebu Longitudinal Health and Nutrition Survey***. Interdisciplinary Obesity Center, UNC Chapel Hill, March 25, 2008

***Birth weight, child growth, and young adult blood pressure.*** COHORTS (Consortium on health orientated research in transitional societies) Workshop, Johannesburg South Africa May 19-22. .

**VI. Study Sections and grant reviews 2008-2011.**

RFA Panel/Scientific Review Group PSE-B 50R Effects of the Social Environment on Health

June 20, 2011

Fogarty International Center Millenium Promise Grants. ZRG1 BDA-L (50) L

Millennium Promise Awards: Non-communicable Disease Study Section Chair, March 25, 2009.

NIEHS. Infant Feeding and Early Development Study (IFED) Scientific Review Group, DSMB and project monitoring and evaluation committee. 2008-present.

Special Emphasis Panel/Scientific Review Group 2009/01 ZRG1 HOP-D.

October 31, 2008.

Special Emphasis Panel/Scientific Review Group ZRG1 PSE C 04 M July 2008

Appointed to NIH College of CSR Reviewers 3/23/10

**VII. Editorial Boards**

Journal of Nutrition, Editorial Board Member 2003-2009

Obesity, Editorial Board Member

DOHAD Journal, Associate Editor

IX. Other service and professional activities.

*Department of Nutrition*

Chair of the Doctoral Committee,1994-97

Chair of the Doctoral Comprehensive Examination Committee,1997-2002, 2006-7

Member of the Doctoral Committee, (2002-2004, 2005- 2008)

Associate Chair for Academic Affairs, 2004-2008

Division Director, Nutrition Epidemiology, July 2008-present

Internal Advisory Board Members, Clinical Nutrition Research Unit, 2007-present

Center for Excellence in Pediatric Nutrition Advisory Board, 2007-present

*School of Public Health*

Chair, Institutional Review Board on Research Involving Human Subjects, 1994-2004.

Appointments and Promotions Committee, 2008-present; Committee Chair 2009-present.

*National/International organizations*

The Obesity Society, Scientific Program Committee 2008-2010

 American Society for Nutrition: Scientific Program Committee, 2006-2010

 American Society for Nutrition Nominating Committee, 2007-2009

National Academy of Sciences: Committee on the Evaluation of the addition of ingredients new to infant formula, 2002-2004

The Obesity Society Scientific Program Committee, 2008-2010

Project VIVA Scientific Advisory Board, Harvard University

Office of Population Studies Foundation, University of San Carlos, Advisory Board Member, 2006-present