

**LINDA S. ADAIR**

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Honorary Professor  
School of Clinical Medicine  
University of the Witwatersrand  
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**

- 7/1/02-present Professor, Department of Nutrition  
University of North Carolina Schools of Public Health and Medicine  
Fellow, Carolina Population Center
- 4/1/13-present Honorary Professor  
School of Clinical Medicine  
University of the Witwatersrand  
Johannesburg, South Africa
- 7/1/08-2017 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
- 7/1/88-6/30/02 Associate Professor, Department of Nutrition  
University of North Carolina Schools of Public Health and Medicine

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: Global Nutrition and Health. 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, and 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, Global Nutrition Council  
International Society for Developmental Origins of Health and Disease  
US DOHaD Society  
ISRHML: International Society for Research in Human Milk and Lactation  
Sigma Xi, Delta Omega Public Health Honorary Society  
International Association for the Study of Human Growth and Clinical Auxology

#### **CURRENT UNIVERSITY ROLES**

Advisory Council, Carolina Population Center (2018-present)  
ECHO, Duke University Coordinating Center.  
CC representative to ECHO Working Groups and Task Forces: Diet and Obesity, Return of Results, Alternative Measures, Remote Measures, Protocol Implementation and Evaluation, Protocol Implementation Fidelity (Chair), Opportunities and Infrastructure Fund (Chair)

#### **CONSULTANCIES and Participation in National or International Scientific Groups**

##### **World Health Organization**

Research priorities to prevent, identify and manage young infants with growth failure in the first 6 months of life. January 2019

Ad hoc Working Group on Science and Evidence for Ending Childhood Obesity (2014-15)

Guideline Development Group – Infant and Young Child Feeding Recommendations to prevent overweight and obesity in children (2015)

Committee to identify research priorities - preventing overweight, obesity and metabolic syndrome in children/adolescents (2015)

**UNICEF** International Consultation on Cohort and Longitudinal Studies in Developing Countries (October 2014)

**Elizabeth Glaser Pediatric AIDS Foundation:** Consultant, Kabeho project to evaluate Rwanda's Plan B+ prevention of mother to child transmission of HIV (ongoing, 2013-present)

**DOHAD Society:** International scientific organizing committee, 2015 DOHAD Congress, Cape Town, South Africa

**International Union of Nutritional Scientists:** International scientific committee, 2017 IUNS Congress, Buenos Aires, Argentina.

Executive Committee, **International Association for the Study of Human Growth and Clinical Auxology** (Ongoing, 2018-present)

## **TEACHING AWARDS**

1982 Phi Beta Kappa Award for Superior Teaching, Rice University

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

## **OTHER AWARDS and HONORS**

2014 Kellogg International Prize in Nutrition Award and Lecture. Global Nutrition Council, American Nutrition Society.

2018 Elected to the Society of Fellows, American Society for Nutrition

2018 Clarivate Analytics recognition as researcher with multiple highly cited papers that rank in the top 1 percent of citations in their field.

## **GRANTS AND CONTRACTS**

### **Ongoing Research Support**

NIH/NICHD U2COD023375-01

9/21/2016-8/31/2023

ECHO Coordinating Center: *ECHO Core Elements and Scientific Focus Areas Coordination Component*

The ECHO Coordinating Center provides the organizational framework for the management, direction, and overall coordination of all common ECHO (Environmental Influences on Child Health) activities.

Role: PI of UNC subcontract, Co-I with D. Benjamin and B. Smith, PIs at Duke University.

R01HD030880 (Popkin) 08/15/14-05/31/20  
*Monitoring Social Change: Health, Reproduction, Aging*  
This project continues a 25-year history of collection of in-depth sociodemographic, economic, health services and health behaviors data, and clinical exams of 34,000 Chinese individuals from 288 communities that are part of the China Health and Nutrition Survey. More recent surveys enhance the value of the CHNS by collection, storage, and analysis of a wide range of biomarkers. Role: Co-I.

D43TW009774 (Pettifor) 06/01/14-03/31/24  
*UNC Wits AIDS Implementation Research and Cohort Analyses Training Grant*  
This project strengthens the MSc in Epidemiology at the University of the Witwatersrand in Johannesburg, by creating a new concentration of Implementation Science at the School of Public Health, and offering training to junior faculty, and predoctoral trainees from multiple African countries. Role: Trainer.

NHLBI 1T32HL129969 8/1/2016-7/31/2021  
*Global Cardiometabolic Disease*  
Predoctoral training grant for nutrition student focused on cardiometabolic disease across the globe, with a focus on low and middle-income countries (LMIC). In addition to the PhD curriculum in nutrition, this training opportunity supports global internships with mentors in LMICs. Role: Co-PI with Penny Gordon-Larsen.

Bill and Melinda Gates Foundation. OPP1164115 4/1/2017-12/31/2021  
*Child Development and Adult Social and Human Capital: COHORTS*. This project assesses, in prospective birth cohorts in low and middle-income country settings, the longitudinal relationships among socioeconomic status and other circumstances at birth and in early childhood; early and later childhood development (using a broad definition of child development); and adult cognitive, executive, social and emotional functioning and social and human capital. The results from this investigation will provide unique insights into the patterns and determinants of trajectories of psycho-socio-economic development from birth through adulthood in low and middle-income contexts. Role: Consultant

Bill and Melinda Gates Foundation 11/1/2018-  
Funding to Ariadne Labs and Harvard University (Semerau), with Subcontract to UNC (Hoffman/Mvalo) *Low Birthweight Infant Feeding Trial (LIFT)*. This study is designed to improve the evidence base for the WHO recommendations for feeding LBW infant. The initial year of funding is for formative research and an observational cohort which will inform a randomized control feeding trial among low birth weight infants in Malawi, Tanzania, and India. Role: Co-I for the UNC subcontract.

NIH R01 AG061006-01 4/1/2020-3/31/2024  
*Lifecourse determinants and outcomes of epigenetic age acceleration across two Generations*.  
PI Chris Kuzawa, Northwestern University. This application uses existing data and adds collection of new biomarker data to the Cebu Longitudinal Health and Nutrition Survey to examine epigenetic changes related to adverse lifecourse events, and their association with multiple aspects of health and wellbeing.  
Role: Consultant

### **Pending NIH**

1 R01 HD100497-01A1 7/1/2020-6/30/2025  
*Clinical trial with the levonorgestrel intrauterine system to measure changes in hemoglobin and serum ferritin among anemic women in Kenya*. This study will evaluate the utility of the LNG implant for preventing excess blood loss and improve iron status of anemic low-income women in Kenya. UNC Subcontract to FHI 360, PI:

David Hubacher, PI. Role: Co-I. Pending funding decision: Score 26 , 9<sup>th</sup> percentile

*Monitoring Social Change: Dynamics of Aging and Cognitive Function.* This application is for a continuation of the China Health and Nutrition Survey data collection among middle to older age adults, and analysis focused on trajectories of factors that promote healthy aging or onset and progression of cognitive decline and dementia. (PI: Gordon-Larsen, Carolina Population Center). Role: Co-I. (R01) Funded, pending government approvals.

*Monitoring Social Change: Health and Human Capital from Childhood to Adulthood.* This application is for a continuation of the China Health and Nutrition Survey data collection on children and young adults, and analysis focused on physical growth and cognitive development and development of obesity and non-communicable disease risk from childhood to young adulthood. (PI: Gordon-Larsen, Carolina Population Center). Role: Co-I (R01) Funded, pending government approvals.

### **Recently Completed Grants and Contracts**

NIH/NIA R01AG39143 (Adair) 07/01/11-06/30/18  
*Multidimensional Pathways to Healthy Aging among Filipino Women*  
This interdisciplinary study aimed 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 sought 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.

NIH/NICHD R21 ES023904 (Julie Daniels) 11/01/14-10/31/17  
*Prenatal Exposure to Organophosphates and Associations with Child Growth*  
This study aimed to investigate the impacts of prenatal organophosphate exposure on children's growth from birth through age 3. The research capitalizes on previously collected data and biospecimens from the Pregnancy Infection and Nutrition cohort, a well- characterized cohort with carefully assessed longitudinal measures of growth from birth through age 3 years. Role: Co-I .

USAID/Elizabeth Glaser Pediatric AIDS Foundation. 4/2013-4/2017  
Cooperative Agreement No. AID-OAA-A-12-00024.  
*The Kigali Antiretroviral and Breastfeeding Assessment for the Elimination of HIV (Kabeho) study* was a longitudinal observational study conducted between 2013 and 2016 among HIV-positive women participating in the national PMTCT program in Kigali, Rwanda, that was designed to evaluate the effectiveness of the Rwandan eMTCT program. Role: Consultant

The Sackler Institute for Nutrition Science, New York Academy of Sciences 12/1/2015-8/31/2016  
*A lifecourse perspective on adolescent nutrition in the Philippines*  
This study is one of a group of projects on adolescent nutrition across multiple settings. It aimed to examine how diet and nutritional status in adolescent females relates to their young adult health and nutrition status and birth outcomes as part of a cohort study involving participants in the Cebu Longitudinal Health and Nutrition Survey. Role: PI.

World Health Organization 4/30/2015-11/30/2016  
*Assessing Health Impacts of Consumption of Commercially Available Complementary Food*  
This contract was for preparation of a systematic review to inform a WHO STAG on new policies on

Inappropriate Promotion of Foods for Infants and Young Children. Role: PI.

*Nestle Nutrition Innovation Collaboration* 5/17/2012-8/15/2016  
This educational grant was to support doctoral student research related to pediatric nutrition  
Role: Co-PI (With Peggy Bentley).

Saving Brains/Nutrition Canada/Bill and Melinda Gates Foundation 4/15/2014-6/30/2014  
*Economic Impacts of poverty-related risk factors during the first 1000 days for cognitive development and human capital.* This project uses data from the COHORTS collaboration to assess how early life growth relates to young adult wellbeing in 5 low and middle- income countries. Role: PI of Subcontract, main contract to Aryeh Stein, Emory University

NIH/NICHD R01HD057194-03 (Gordon Larsen) 09/30/08-06/30/13  
*Gene-Environment Interactions and Weight Gain*  
The objective of this research was 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-I.

NIH/NICHD R01HD054501-03 (Adair) 09/18/08-06/30/14  
*Modeling the Developmental Origins of Adult Disease Risk Factors*  
This interdisciplinary research was 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 study used data from the ongoing community-based Cebu Longitudinal Health and Nutrition Survey in The Philippines. Role: PI.

NIH/NIDDK R21-DK089306-01 (Gordon-Larsen) 07/15/2010-04/30/14  
*Heterogeneity in Cardiometabolic Risk with Obesity: Who Is at Risk?*  
This study took 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-I.

The Bill and Melinda Gates Foundation OPP53107 (Bentley) 09/01/09-12/31/13  
*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.*  
This project used data from our Breastfeeding, Anti-Retrovirals, and Nutrition (BAN) study 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-I.

NIH/NICHD R01HD030880-16 (Popkin) 08/15/94-05/31/13  
*Monitoring Social Change: Health, Reproduction, Aging*  
This project collected and disseminated three additional rounds of survey data in Russia and a fifth wave of data in the China Health and Nutrition Survey. Role: Co-I.

NIH/NIDDK R01DK078150-03 (Mohlke) 04/01/07-03/31/13  
*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

## PUBLICATIONS IN REFEREED JOURNALS OR VOLUMES

### H-Index 98, i10 index 291

\* Denotes publications with current or former students or postdoctoral fellows

#### 2020

1. \*Kahkoska AR, Nguyen CT, **Adair LS**, Aiello AE, Burger KS, Buse JB, Dabelea D, Dolan LM, Malik FS, Mottl AK, Pihoker C, Reboussin BA, Sauder KA, Kosorok MR, Mayer-Davis EJ. Longitudinal Phenotypes of Type 1 Diabetes in Youth Based on Weight and Glycemia and Their Association With Complications. *J Clin Endocrinol Metab.* 2019 Dec 1;104(12):6003-6016. doi: 10.1210/jc.2019-00734. PubMed PMID:31290977; PubMed Central PMCID: PMC6812733.
2. \*Wang Y, Howard AG, **Adair LS**, Wang H, Avery CL, Gordon-Larsen P. Waist Circumference Change is Associated with Blood Pressure Change Independent of BMI Change. *Obesity (Silver Spring).* 2019 Nov 22. doi: 10.1002/oby.22638. [Epub ahead of print] PubMed PMID: 31755247.
3. \*Pedraza LS, Popkin BM, Batis C, **Adair L**, Robinson WR, Guilkey DK, Taillie LS. The caloric and sugar content of beverages purchased at different store-types changed after the sugary drinks taxation in Mexico. *Int J Behav Nutr Phys Act.* 2019 Nov 12;16(1):103. doi: 10.1186/s12966-019-0872-8. PubMed PMID: 31718664; PubMed Central PMCID: PMC6849184.
4. Aburto TC, Gordon-Larsen P, Poti JM, Howard AG, **Adair LS**, Avery CL, Popkin BM. Is a Hypertension Diagnosis Associated With Improved Dietary Outcomes Within 2 to 4 Years? A Fixed-Effects Analysis From the China Health and Nutrition Survey. *J Am Heart Assoc.* 2019 Nov 5;8(21):e012703. doi: 10.1161/JAHA.119.012703. Epub 2019 Oct 28. PubMed PMID: 31657282.

#### 2019

5. \*Lane C, Bobrow EA, Ndatimana D, Ndayisaba GF, **Adair LS**. Decreased consumption of common weaning foods is associated with poor linear growth among HIV-exposed infants participating in the Kigali antiretroviral and breastfeeding assessment for the elimination of HIV (Kabeho) study. *Am J Hum Biol.* 2019 Nov;31(6):e23308. doi: 10.1002/ajhb.23308. Epub 2019 Aug 9. PubMed PMID: 31397003.
6. Spracklen CN, Karaderi T, Yaghootkar H, Schurmann C, Fine RS, Kutalik Z, Preuss MH, Lu Y, Wittemans LBL, **Adair LS**, Allison M, Amin N, Auer PL, Bartz TM, Blüher M, Boehnke M, Borja JB, Bork-Jensen J, Broer L, Chasman DI, Chen YI, Chirstofidou P, Demirkan A, van Duijn CM, Feitosa MF, Garcia ME, Graff M, Grallert H, Grarup N, Guo X, Haessler J, Hansen T, Harris TB, Highland HM, Hong J, Ikram MA, Ingelsson E, Jackson R, Jousilahti P, Kähönen M, Kizer JR, Kovacs P, Kriebel J, Laakso M, Lange LA, Lehtimäki T, Li J, Li-Gao R, Lind L, Luan J, Lyytikäinen LP, MacGregor S, Mackey DA, Mahajan A, Mangino M, Männistö S, McCarthy MI, McKnight B, Medina-Gomez C, Meigs JB, Molnos S, Mook-Kanamori D, Morris AP, de Mutsert R, Nalls MA, Nedeljkovic I, North KE, Pennell CE, Pradhan AD, Province MA, Raitakari OT, Raulerson CK, Reiner AP, Ridker PM, Ripatti S, Roberston N, Rotter JI, Salomaa V, Sandoval-Zárate AA, Sitlani CM, Spector TD, Strauch K, Stumvoll M, Taylor KD, Thuesen B, Tönjes A, Uitterlinden AG, Venturini C, Walker M, Wang CA, Wang S, Wareham NJ, Willems SM, Willems van Dijk K, Wilson JG, Wu Y, Yao J, Young KL, Langenberg C, Frayling TM, Kilpeläinen TO, Lindgren CM, Loos RJF, Mohlke KL. Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. *Am J Hum Genet.* 2019 Sep 5;105(3):670-671. doi: 10.1016/j.ajhg.2019.08.001. PubMed PMID: 31491410; PubMed Central PMCID:PMC6732522.
7. Spracklen CN, Karaderi T, Yaghootkar H, Schurmann C, Fine RS, Kutalik Z, Preuss MH, Lu Y, Wittemans LBL, **Adair LS**, Allison M, Amin N, Auer PL, Bartz TM, Blüher M, Boehnke M, Borja JB, Bork-Jensen J, Broer L, Chasman DI, Chen YI, Chirstofidou P, Demirkan A, van Duijn CM, Feitosa MF, Garcia ME, Graff M, Grallert H, Grarup N, Guo X, Haessler J, Hansen T, Harris TB, Highland HM, Hong J, Ikram MA, Ingelsson E, Jackson

R, Jousilahti P, Kähönen M, Kizer JR, Kovacs P, Kriebel J, Laakso M, Lange LA, Lehtimäki T, Li J, Li-Gao R, Lind L, Luan J, Lyytikäinen LP, MacGregor S, Mackey DA, Mahajan A, Mangino M, Männistö S, McCarthy MI, McKnight B, Medina-Gomez C, Meigs JB, Molnos S, Mook-Kanamori D, Morris AP, de Mutsert R, Nalls MA, Nedeljkovic I, North KE, Pennell CE, Pradhan AD, Province MA, Raitakari OT, Raulerson CK, Reiner AP, Ridker PM, Ripatti S, Roberston N, Rotter JI, Salomaa V, Sandoval-Zárate AA, Sitlani CM, Spector TD, Strauch K, Stumvoll M, Taylor KD, Thuesen B, Tönjes A, Uitterlinden AG, Venturini C, Walker M, Wang CA, Wang S, Wareham NJ, Willems SM, Willems van Dijk K, Wilson JG, Wu Y, Yao J, Young KL, Langenberg C, Frayling TM, Kilpeläinen TO, Lindgren CM, Loos RJF, Mohlke KL. Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. *Am J Hum Genet.* 2019 Jul 3;105(1):15-28.

doi:10.1016/j.ajhg.2019.05.002. Epub 2019 Jun 6. Erratum in: *Am J Hum Genet.* 2019 Sep5;105(3):670-671. PubMed PMID: 31178129; PubMed Central PMCID: PMC6612516.

8. \*Meyrueix L, **Adair L**, Norris SA, Ideraabdullah F. Assessment of placental metal levels in a South African cohort. *Environ Monit Assess.* 2019 Jul 18;191(8):500. doi: 10.1007/s10661-019-7638-2. PubMed PMID: 31321551; PubMed Central PMCID: PMC6681656.
9. \*Wang Y, Wang H, Howard AG, **Adair LS**, Popkin BM, Su C, Du W, Zhang B, Gordon-Larsen P. Six-Year Incidence of Cardiometabolic Risk Factors in a Population-Based Cohort of Chinese Adults Followed From 2009 to 2015. *J Am Heart Assoc.* 2019 Jun 18;8(12):e011368. doi: 10.1161/JAHA.118.011368. pub 2019 Jun 5. PubMed PMID: 31165668; PubMed Central PMCID: PMC6645625.
10. \*Lane CE, \*Bobrow EA, Ndatimana D, Ndayisaba GF, **Adair LS**. Determinants of growth in HIV-exposed and -uninfected infants in the Kabehe Study. *Matern Child Nutr* 2019; e12776. doi: 0.1111/mcn.12776. Epub 2019 Jan 29. PubMed PMID: 30609287; PubMed Central PMCID: PMC6667835.
11. \*Tzioumis E, Avila J, **Adair LS**. Determinants of Successful Aging in a Cohort of Filipino Women. *Geriatrics* 2019;4(1):1-12. PubMed PMID: 31023980; PubMed Central PMCID: PMC6473400.
12. **Adair LS**, Perez TL, \*Borja JB. The Life History of a Cohort Study: Attrition in the Cebu Longitudinal Health and Nutrition Survey. *Philippines Population Review* 2019; Forthcoming.
13. Kuzawa, C. W., Barrett, T. M., Borja, J. B., Lee, N. R., Aquino, C. T., Adair, L. S. and McDade, T. W. Ankle brachial index (ABI) in a cohort of older women in the Philippines: Prevalence of peripheral artery disease and predictors of ABI. *American Journal of Human Biology*, 2019; 31(3), e23237.
14. Kahkoska, A. R., Adair, L. A., Aiello, A. E., Burger, K. S., Buse, J. B., Crandell, J., Maahs, D. M., Nguyen, C. T., Kosorok, M. R. and Mayer-Davis, E. J. Identification of clinically relevant dysglycemia phenotypes based on continuous glucose monitoring data from youth with type 1 diabetes and elevated hemoglobin A1c. *Pediatric Diabetes.* 2019; 2019 Apr 10. doi: 10.1111/pedi.12856. [Epub ahead of print]
15. Warrington, N. M., Beaumont, R. N. et al. Adair, L. S et al. . Freathy, R. M. Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. *Nature Genetics*, 2019; 51(5), 804-814.
16. Ewing AC, Davis NL, Kayira D, Hosseinipour MC, van der Horst C, Jamieson DJ, Kourtis AP; Breastfeeding, Antiretrovirals and Nutrition study team. Prescription of Antibacterial Drugs for HIV-Exposed, Uninfected Infants, Malawi, 2004-2010. *Emerg Infect Dis.* 2019 Jan;25(1). doi: 10.3201/eid2501.180782. PubMed PMID: 30561313; PubMed Central PMCID: PMC6302572.

## 2018

17. Takeuchi F, Akiyama M, Matoba N, Katsuya T, Nakatochi M, Tabara Y, ...**Adair LS**, et al. Interethnic analyses of blood pressure loci in populations of East Asian and European descent. *Nat Commun* 2018;9(1):5052.

18. **Adair** LS, Duazo P, \*Borja JB. How Overweight and Obesity Relate to the Development of Functional Limitations among Filipino Women. *Geriatrics (Basel)* 2018;3(4).
19. **Adair** LS, Kuzawa C, \*McDade T, Carba DB, \*Borja JB. Seventeen-Year Changes in Body Mass Index, Waist Circumference, Elevated Blood Pressure, and Diabetes Phenotypes in a Cohort of Filipino Women. *Asia Pac J Public Health* 2018;30(6):561-571.
20. \*Johnson CM, Sharkey JR, Lackey MJ, **Adair** LS, Aiello AE, Bowen SK, et al. Relationship of food insecurity to women's dietary outcomes: a systematic review. *Nutr Rev* 2018;76(12):910-928.
21. \*Kagura J, Ong KK, **Adair** LS, Pettifor JM, Norris SA. Paediatric hypertension in South Africa: An underestimated problem calling for action. *S Afr Med J* 2018;108(9):708-709.
22. \*Wang Z, Siega-Riz AM, Gordon-Larsen P, Cai J, **Adair** LS, Zhang B, et al. Diet quality and its association with type 2 diabetes and major cardiometabolic risk factors among adults in China. *Nutr Metab Cardiovasc Dis* 2018;28(10):987-1001.
23. Hoffman K, Stapleton HM, Lorenzo A, Butt CM, **Adair** L, Herring AH, et al. Prenatal exposure to organophosphates and associations with birthweight and gestational length. *Environ Int* 2018;116:248-254.
24. \*Cates JE, Westreich D, Unger HW, Bauserman M, **Adair** L, Cole SR, et al. Intermittent Preventive Therapy in Pregnancy and Incidence of Low Birth Weight in Malaria-Endemic Countries. *Am J Public Health* 2018;108(3):399-406.
25. Hampel D, Shahab-Ferdows S, Gertz E, \*Flax VL, **Adair** LS, Bentley ME, et al. The effects of a lipid-based nutrient supplement and antiretroviral therapy in a randomized controlled trial on iron, copper, and zinc in milk from HIV-infected Malawian mothers and associations with maternal and infant biomarkers. *Matern Child Nutr* 2018;14(2):e12503.
26. \*Kay MC, Wasser H, **Adair** LS, \*Thompson AL, \*Siega-Riz AM, Suchindran CM, et al. Consumption of obesogenic foods in non-Hispanic black mother-infant dyads. *Matern Child Nutr* 2018;14(1).

## 2017

27. Lu X, Peloso GM, Liu DJ, Wu Y, Zhang H, Zhou W, ...**Adair** LS et al. Exome chip meta-analysis identifies novel loci and East Asian-specific coding variants that contribute to lipid levels and coronary artery disease. *Nat Genet* 2017;49(12):1722-1730.
28. Kishi R, Zhang JJ, Ha EH, Chen PC, Tian Y, Xia Y, ...**Adair** LS et al. Birth Cohort Consortium of Asia: Current and Future Perspectives. *Epidemiology* 2017;28 Suppl 1:S19-S34.
29. \*Wang Z, **Adair** LS, Cai J, Gordon-Larsen P, \*Siega-Riz AM, Zhang B, et al. Diet Quality Is Linked to Insulin Resistance among Adults in China. *J Nutr* 2017;147(11):2102-2108.
30. Graff M, Scott RA, Justice AE, Young KL, Feitosa MF, Barata L, ...**Adair** LS et al. Correction: Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. *PLoS Genet* 2017;13(8):e1006972.
31. Lee AC, Kozuki N, Cousens S, Stevens GA, Blencowe H, Silveira MF, ...**Adair** LS et al. Estimates of burden and consequences of infants born small for gestational age in low and middle income countries with INTERGROWTH-21(st) standard: analysis of CHERG datasets. *BMJ* 2017;358:j3677.
32. \*Cates JE, Unger HW, Briand V, Fievet N, Valea I, Tinto H, ...**Adair** LS et al. Malaria, malnutrition, and birthweight: A meta-analysis using individual participant data. *PLoS Med* 2017;14(8):e1002373.
33. \*Kay MC, Wasser H, **Adair** LS, Thompson AL, Siega-Riz AM, Suchindran CM, et al. Consumption of key food groups during the postpartum period in low-income, non-Hispanic black mothers. *Appetite* 2017;117:161-167.

34. \*Dong F, Howard AG, Herring AH, \*Thompson AL, **Adair** LS, Popkin BM, et al. Longitudinal associations of away-from-home eating, snacking, screen time, and physical activity behaviors with cardiometabolic risk factors among Chinese children and their parents. *Am J Clin Nutr* 2017;106(1):168-178.
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306. **Adair** LS. Low birth weight and intrauterine growth retardation in Filipino infants. *Pediatrics* 1989;84(4):613-22.
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314. **Adair** L, Pollitt E. Energy balance during pregnancy and lactation. *Lancet* 1982;2(8291):219.
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317. Lanciault G, Shaw JE, Urquhart J, **Adair** LS, Brooks FP. Response of the isolated perfused stomach of the dog to electrical vagal stimulation. *Gastroenterology* 1975;68(2):294-300.

## BOOK REVIEWS

1. **Adair** L. Review of: *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* 2007; 600-601.
2. **Adair** LS. Review of C. J. K. Henry and S. J. Ulijaszek, *Long-Term Consequences of Early Environment: Growth Development and the Lifespan Developmental Perspective* (New York: Cambridge University Press, 1996). *American Journal of Human Biology*. 1998;10:269-70.

3. **Adair L.** Review of: ONLY MOTHERS KNOW – Patterns of infant feeding in traditional cultures by Dana Raphael, *American Anthropologist*. 1986;88(3):756-7.
4. **Adair L.** Review of: Breastfeeding and Fertility, by Potts M, Thapa S, Herbertson MA. *American Journal of Physical Anthropology*. 1986;70(1):136-8. doi: 10.1002/ajpa.1330700121.
5. **Adair L.** Breastfeeding and fertility Potts M, Thapa S, Herbertson MA. *American Journal of Physical Anthropology*. 1986;70(1):136-8. doi: 10.1002/ajpa.1330700121.

## BOOK CHAPTERS

1. **Adair LS** (2014). Long-Term Consequences of Nutrition and Growth in Early Childhood and Possible Preventive Interventions. In: Black RE, Singhal A, Uauy R, editors. *International Nutrition: Achieving Millennium Goals and beyond*. Vevey, Switzerland: Nestec Ltd., S. Karger AG; p. 111-20.
2. **Adair LS** (2005) Early Origins of Disease: Non-Fetal. *Encyclopedia of Human Nutrition*.
3. **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 .
4. **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).
5. **Adair LS**. Pre- and Postnatal Exposures and Later Growth and Developmental Outcomes. In: Johnston FE, Zemel B, Eveleth PB, editors. *Human Growth in Context*. London: Smith-Gordon; 1999. p. 313-20.
6. **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.
7. \*Siega-Riz AM, **Adair LS**. Biological determinants of pregnancy weight gain in a Filipino population. In: Keen CL, Bendich A, Willhite CC, editors. *Maternal Nutrition and Pregnancy Outcome 1993*. p. 364-5.
8. **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.
9. Akin JS, Guilkey DK, Popkin BM, Briscoe J, Flieger W, Black RE, **Adair LS**. Using Survey Data to Estimate the Determinants of Child Health: The Cebu Longitudinal Health and Nutrition Study. In: Sawyer DRTO, McCracken SD, editors. *The Young and the Elderly: Issues on Morbidity and Mortality*. Belo Horizonte, Brazil: Centro de Desenvolvimento e Planejamento Regional, Faculdade de Ciências Econômicas, Universidade Federal de Minas Gerais; 1992.
10. **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.
11. **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.
12. **Adair LS** (1987) Nutrition in the Reproductive Years. In: Johnston, F.E. (ed) *Nutritional Anthropology*, pp 119-154. New York: Alan R. Liss.
13. **Adair LS** (1984) Marginal intake and maternal adaptation: The case of rural Taiwan. In: Pollitt, E. and P. Amante (editors) *Energy Intake and Activity*, pp 33-55. New York: Alan R. Liss.

#### **IV Other Publications**

1. **Adair L**, Zhai FY, Popkin B. Preface. *Obesity Reviews*. 2014;15:1-.
2. \*Tzioumis E, \*Kay M, \*Wright M, **Adair LS**. Health effects of commercially- available complementary foods: a systematic review. 2015 Report submitted to the World Health Organization. [http://www.who.int/nutrition/topics/CF\\_health\\_effects\\_commercially\\_systematicreview.pdf](http://www.who.int/nutrition/topics/CF_health_effects_commercially_systematicreview.pdf)
3. #Parker ME, Flax VL, Tembo M, Piwoz EG, **Adair LS**, Bentley ME. The controversy of infant formula: does it have a role in managing child malnutrition in fully weaned infants? Response. *Maternal and Child Nutrition*. 2015;11(4):1053-5. doi: 10.1111/mcn.12066
4. Howard AG, Gordon-Larsen P, Koehler E, Paynter L, \*#Thompson AL, **Adair LS**, Zhang B, Herring AH. Eighteen year weight trajectories and metabolic markers of diabetes in modernising China: which timescale is most relevant? Reply to Vistisen D and Faerch K [letter]. *Diabetologia*. 2014;57(12):2607-8. Epub 2014/10/01. doi: 10.1007/s00125-014-3387-5. PubMed PMID: 25265878; PMCID: PMC4221418.
5. **Adair LS**, Zhai F, Popkin BM. Preface. *Obesity Reviews*. 2014;15(S1):1.
6. **Adair, LS**. (2013). Discussion on economic drivers and consequences of stunting. *Nestle Nutr Inst Workshop Ser* **71**: 143-146.
7. **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.
8. **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
9. **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.
10. **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.

#### **NIH STUDY SECTIONS AND OTHER GRANT REVIEW PANELS, PAST 10 years**

2017-present	Chair and Administrator, ECHO Opportunities and Infrastructure Fund Review Panel
2018-present	Wellcome Trust Longitudinal Population Studies Review Panel
2013-present:	Wellcome Trust Peer Review College
2013-2017	Standing Member, and Chair NIH Social Sciences and Population (SSPA) study section
2013-2018	OSMB member, Hyperglycemia and Adverse Pregnancy Outcome (HAPO) Follow-up Study
2010-2016:	Appointed to NIH College of CSR Reviewers
2016:	Economic and Social Research Council (ESRC) Interim review panel for CLOSER (Cohorts and Longitudinal Studies Enhancement Resources. Medical Research Council, UK
2015-16	Ad Hock Grant reviewer: South Africa National Research Foundation
2015-2016	Reviewer, Gillings Innovation Laboratory Grant applications
2015	Canadian Institutes of Health Research (CIHR), Review Committee for Team Grant : DOHaD - Implications for Men, Women, Boys and Girls
2011	RFA Panel/Scientific Review Group PSE-B 50R Effects of the Social Environment on Health

## **SELECTED INVITED PRESENTATIONS, PAST 5 years**

Invited Seminar Speaker. University of Michigan Institute for Social Research and the Evolution and Human Adaptation Program. "Developmental Origins of Health and Disease: Evolutionary and Epidemiological Approaches."

University of San Carlos, Economics Lecture Series: Human Capital: Driver of Growth and Development, March 11, 2020. USC, Cebu, Philippines.

Keynote Speaker for the International Breastfeeding Symposium, an International Symposium with the Ministry of Health and Social Protection of Colombia. Bogota, Colombia (planned June 2020, postponed)

Keynote speaker for the International Conference on Public Health, in Solo, Indonesia, June 17-18, 2020, postponed to November 2020.

Invited speaker and Symposium Organizer, "Continuities and Discontinuities in Pre and Postnatal growth". International Society for Auxology, Sibenek, Croatia, June 2020, postponed.

Urbanization and Health: Identifying pathways to healthy sustainable urban development. Conference. "The nutrition transition". Invited speaker, Hannover, Germany Oct 11-12, 2018

Does faster post-malnutrition infant growth heighten risk of excess adiposity in adulthood? Podium presentation at the US DoHAD Society Meetings, Chapel Hill, NC, Oct 1-2, 2018

National Institutes on Aging, Baltimore MD, 2018. "Multidimensional aspects of aging: A 20-year profile of morbidity and functional outcomes in Filipino women."

Demography Daze, Duke University May 2018 "Harmonizing Data from Multiple Cohort Studies"

National Heart, Lung and Blood Institute, Bethesda, MD May 2018. "Nutritional Stressors During Pregnancy and Early Life and Risk for Developing CVD", presented at NIH Working Group meeting on "Social Determinants of Health: Early Life Adversity as a Contributor to Disparities in Cardiovascular Diseases."

Philippine Population Association, Los Banos, Philippines February 2018. "Child health in the first 1000 days predicts health and human capital outcomes in Cebuano young adults".

Philippine Population Association, Philippines 2017 Plenary lecture. "Trajectories of Healthy Aging"

Department of Economics, University of San Carlos, Cebu, Philippines. January 2017 Lecture series on the Cebu Longitudinal Health and Nutrition Survey data analysis.

Carolina Population Center, January 2017 "The Value of Multidisciplinary and Longitudinal Approaches to Maternal and Child Health".

Demography Daze, Chapel Hill NC May 2017 "Mother to child transmission of HIV in Rwanda"

NCRM Research Methods Festival, Bath July 2016; Invited lecture: When children become adults, international birth cohort studies session. "*Methodological Challenges: The Cebu Longitudinal Health and Nutrition Survey*"

Inra-Cirad joint workshop on "Nutritional Transitions and Health Impacts", Paris, July 2016. Invited speaker.

Philippines Population Association Annual Meeting, Keynote speaker January 2016: *“Multidimensional pathways to healthy aging in Filipino women”*

College of Human Nutrition, University of the Philippines, Los Banos. Invited lecture for a series of presentations January 2016: *“Developmental Origins of Adult Health and Disease”*

International Society for Research in Human Milk and Lactation, Stellenbosh South Africa. Invited symposium speaker March 2016: *“Impact of Anti-retroviral medications on breast milk and infant nutritional status”*

Philippine Population Association, Annual Meeting, Cebu Philippines, January 2015, keynote speaker: *“Urbanization and Women’s Health in the Philippines:”*

CLOSER Conference on the importance of early years, childhood and adolescence: Evidence from longitudinal studies. British Library, London, November 2015 Keynote speaker: *“Early life influences on young adult health and human capital in low and middle income countries: Challenges and lessons from the COHORTS collaboration”*

Exito Foundation Nutrition Awards, Bogata Colombia. September 2015. Keynote speaker: *“The First 1000 Days: Short and Long term Implications for Health, Development, and Well-Being”*

Carolina Population Center seminar series, UNC Chapel Hill November 2015 : *“Social, Biological, and Environmental Linkages: 30 years of women’s health in the Cebu Longitudinal Health and Nutrition Survey”*

Institute of Medicine, Washington DC Conference on Examining a Developmental Approach to Childhood Obesity: The Fetal and Early Childhood Years, February 2015: *“The Role of Disparity in the Origins of Obesity Risk”*

World Health Organization, Invited presentation to the STAG on Inappropriate Promotion of Foods for Infants and Young Children, Geneva 2015. *“Health effects of commercially- available complementary foods”*

World Health Organization, Ad hoc Working Group on Science and Evidence for Ending Childhood Obesity Geneva, March 2015: *“Relating early growth to young adult health: birth cohort studies in 5 low and middle income countries”*

Duke University Population Research Institute Seminar Series: Invited lecture November 2015 *“Lifecourse and intergenerational health in the Philippines: The Cebu Longitudinal Health and Nutrition Survey”*

Center for Molecular and Clinical Epidemiology of Infectious Diseases (MAC-EPID), University of Michigan, March 2015, Invited keynote speaker *“The Dual Burden of Undernutrition and Obesity in Individuals, Households and Communities: A Global View”*

Developmental Origins of Adult Disease Society, Cape Town, South Africa November 2015 Invited Symposium Speaker: *“Translating biological to statistical models: What underlying biological phenomena do we want to represent with our statistical models?”*

University of Michigan, Early Life Conference, Ann Arbor March 2014, Invited lecture: *“Effects of early life events on later-life health and well-being”*

UNICEF Workshop on longitudinal data, Florence, Italy, October 2014 invited lecture: *“Challenges in harmonization and development of measures among the COHORTS studies”*

Reproductive and Perinatal Epidemiology Seminar series, UNC Chapel Hill February 2014, invited lecture: *“The Cebu (Philippines) Longitudinal Health and Nutrition Survey: Following a birth cohort of >3000 infants and their mothers for ~ 30 years”*

International Congress of Human Growth and Clinical Auxology, Maribor, Slovenia, September 2014: Invited speaker: *“Relating early growth to you adult health: Birth cohort studies in 5 low and middle income countries”*

Cornell University Maternal and Child Nutrition seminar series, invited lecturer, February 2014: *“The Breast-feeding, Anti-Retrovirals, and Nutrition (BAN) Study in Malawi: Implications for Maternal and Child Health”*

International Union of Nutritional Scientists, Beijing September 2013 *“The emergence of cardiometabolic disease risk in in Chinese children and adults: consequences of changes patterns of diet, physical activity, and obesity”*

International Union of Nutritional Scientists, Beijing September 2013 Invited Symposium speaker: *“Effects of Maternal Nutrition Supplementation and Anti-Retroviral Treatment on Postpartum Weight and Micronutrient Status of HIV-infected Women in the BAN Study”*

Developmental Origins of Adult Disease Society, Singapore 2013 Invited Symposium Speaker: *“Potential Interventions Suggested by DOHaD Cohort Studies”*

Nestle Nutrition Institute 78th NNI Workshop: International Nutrition - Achieving Millennium Goals and Beyond Muscat, Oman March 2013 *“Long-Term Consequences of Nutrition and Growth in Early Childhood and Possible Preventive Interventions”*

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: *“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”*

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

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

African Nutrition Congress, Bloemfontein South Africa, October 2012, invited symposium speaker *“Maternal nutrition supplementation and antiretroviral therapy interact to influence nutritional status during lactation:*

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

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

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

University of the Witwatersrand School of Public Health. Johannesburg March 2011 *“What is Risky about early growth?”*

**Peer reviewer for journals:**

Journal of Developmental Origins of Adult Health and Disease (Former Associate Editor); Journal of Nutrition (former Editorial Board Member); International Journal of Obesity (former Editorial Board Member); American Journal of Clinical Nutrition; Pediatrics; Asia Pacific Journal of Nutrition; International Journal of Epidemiology American Journal of Epidemiology; Maternal and Child Nutrition; PLOS One; Lancet; Nature; BMJ

## TEACHING

### Courses:

NUTR 885 *Doctoral Seminar* (2 credits), taught every year, co-taught with Nutrition Biochemistry faculty. Typical class size 8-15 students, Nutrition PhD and MS students only.

NUTR 745 *International Nutrition* (3 credits): Alternate years. Typical class size 15-25 students, with a mix of MPH and PhD students from Nutrition, HB, MCH.

NUTR 818/EPID 818 *Analytic Methods in Nutrition Epidemiology* (3 credits) Alternate years. Typical class size 10-16, nutrition and epidemiology PhD students.

NUTR 808 *Global Cardiometabolic Disease Seminar* (1 credit) Every semester, 5-8 students. Issues related to conduct of global nutrition research related to obesity, diabetes, cardiovascular and related diseases.

University of the Witwatersrand, Johannesburg South Africa

*Translating Conceptual Models to Statistical Models for Implementation Science 2016-2017*

### Individual Mentoring:

I regularly serve as a primary mentor or co-mentor for BSPH and PhD students. These are listed in the tables, below. I also serve on 4-5 doctoral dissertation committees per year for students in nutrition and other departments (most often, Epidemiology).

#### Undergraduate, BSPH

Name	Degree/ graduation year	Thesis topic	Current Position
Kateland Branch	BSPH 2014	Factors influencing body image among Filipino youth	Child and Adolescent Psychiatry Fellow, UNC Health Care
Samuel Haddad	BSPH 2018	Intergenerational influences on breastfeeding in the Philippines	Princeton in Asia Fellow UNC School of Medicine, beginning Fall 2020
Areej Hussein	BSPH 2020	Stunting and later reproductive outcomes in Filipino women	(May 2020 Graduate)

#### Graduate, PhD

Name	Degree/ graduation year	Dissertation Title	Current Position
Anna Maria Siega-Riz	PhD 1993	Nutritional Determinants of Prematurity	Dean of the School of Public Health and Health Sciences, Amherst University
Rittmeyer, Miriam (Urizar)	PhD 1996	Dietary Determinants of Linear Growth: Effect of	Research Consultant, Emory University

		Nutrient Intake and Diet Quality	
Polhamus, Barbara	PhD 1997	The Effect of High Fertility on Maternal Nutritional Status	Behavioral Scientist Centers For Disease Control/Prevention, Division of Nutrition, Physical Activity, and Obesity , retired 2018
Borja, Judith	PhD 1998	Young Maternal Age at First Pregnancy and Infant Growth	Office of Population Studies Foundation, University of San Carlos, Cebu Philippines, Director until 12/31/2019
Mendez, Michelle	PhD 2000	Resilient growth and intellectual development in Filipino children	Associate Professor, University of Pittsburgh
Viswanathan, Meera	PhD 2001	Walking the tightrope: Women's work choices and time allocation strategies surrounding childbirth in Cebu, Philippines	Director, RTI-UNC Evidence-based Practice Center
Saldana, Tina	PhD 2002	Impaired Glucose Tolerance during Pregnancy	Epidemiologist, Social & Scientific Systems, Inc., Durham, NC, USA.
Eckhardt, Cara	PhD 2004	Linear Growth in the Post-Infancy Period: Patterns and Predictors in a Filipino Population	Associate Professor and Director of the Ph.D. program in Community Health at the OHSU-PSU School of Public Health in Portland, Oregon
Daniels, Melissa	PhD 2006	Dietary Diversity as a Measure of Dietary Adequacy throughout Childhood	Independent Nutrition Consultant, Provo, Utah Adjunct Assistant Professor UNC-CH, Dept. of Nutrition
Kelles, Anna (Jennings)	PhD 2008	Identifying the Determinants of Co-existing Over and Under-nutrition in the Philippines	Founder and nutrition counsellor, Kelles Nutrition & Wellness, Ithaca, NY Elected as Tompkins County Legislator
Emily Bobrow	PhD 2008	Factors that influence disclosure and program participation among pregnant HIV-positive women: A mixed methods study in Lilongwe, Malawi	Senior Researcher in the International Division at Mathematica.
Lee, Nanette	PhD 2009	Estimating the Effects of Overweight Duration, Sodium Intake and Genetic Variants on Hypertension Risk among Filipino Women in Cebu, Philippines	Director, Univ. of San Carlos, Office of Population Studies Foundation, Cebu, Philippines

Dahly, Darren	PhD 2009	Environmental and Developmental Determinants of Obesity in Cebu, Philippines	Principal Statistician for the HRB Clinical Research Facility in Cork, Ireland, and Senior Lecturer in Research Methods at University College Cork.
Thomas, Roshan	PhD 2010	Determinants of Prenatal Nutrition and Adverse Birth Outcomes in HIV-Infected Pregnant Women: The BAN Study in Lilongwe, Malawi	Program Manager, Monitoring and Evaluation, Zika Surveillance, Centers for Disease Control and Prevention, Atlanta; Freelance Medical Writer
Slining, Meghan	PhD 2010	Characterization of Early Life Growth Trajectories: Implications for Lifelong Health	Associate Professor of Health Sciences, Furman University
Widen, Elizabeth	PhD 2012	Applying a mother-infant dyad perspective to examine the nutritional interrelationships of HIV-infected Malawian mothers and their exclusively breastfed infants	Assistant Professor Department of Nutritional Sciences, Department of Women's Health, University of Texas, Austin
Niha Zubair	PhD 2013	Novel approach to examine the interactive role of dietary, lifestyle, and genetic factors on cardiometabolic risk	Clinical Research Scientist at Arivale, Seattle
Emma Tzioumis	PhD 2016	Exploring the dual burden of over and undernutrition at the individual, household and community levels	Assistant Professor, UNC Department of Nutrition
Melecia Wright	PhD 2016	Breastfeeding and Protein Intake Influence Body Composition from Infancy to Adulthood	Research Scientist, Division of Chronic Disease Prevention, NY City Department of Health
Alberto Vargas	MS 2016	Exposure to Urbanization and its Longitudinal Association with Blood and Pulse Pressure in Adult Filipino Women	Research Computing Support Specialist, University of North Carolina at Chapel Hill
Elyse Powell	PhD 2018	U.S. Household Purchases of No- and Low-Sugar Products from Key Food Group Sources of Added Sugar, 2002-2014	Public Health Analyst Chronic Disease and Injury Section, North Carolina Department of Health, Raleigh NC
Charlotte Lane	2020	Growth in HIV-exposed and -uninfected infants	Evaluation Specialist, 3ie Impact Evaluation, Washington DC

Luis Maldonado	2020 (anticipated)	Dietary patterns among diverse Latino populations and their consequences for insulin resistance and diabetes	Current PhD student, NIH predoctoral traineeship
Joshua Miller	2024	TBD	Entering PhD student, Fall 2020

### Graduate, MPH

Name	Degree/ graduation year	Thesis Title	Current Position
Shannon Applegate	MPH 2020	Intergenerational Breastfeeding Patterns in the Philippines	MPH/RD student, anticipated graduation August 2020

### Postdoctoral Trainees

Name	PhD University	Traineeship research area	Current Position
Thomas McDade, PhD	Emory	Urbanization and inflammation	Professor; Faculty Fellow, Institute for Policy Research; Director, Laboratory for Human Biology Research, Department of Anthropology, Northwestern University
Michelle Hindin, PhD	Johns Hopkins	Women's autonomy and health	Program Director, Reproductive Health. Population Council, New York, NY
Amanda Thompson, PhD	Emory	Infant feeding and parenting styles: consequence for infant growth	Professor, Department of Anthropology, University of North Carolina at Chapel Hill
Benjamin Capistrant, ScD	Harvard	Aging among Filipino women	Assistant Professor, School of Social Work, Smith College
Valerie Flax, PhD	Tampere. Finland	Growth and micronutrient status in Malawian HIV-exposed infants	Senior Research Public Health Analyst, RTI International
Melissa Bauserman. MD, MPH	UNC-Chapel Hill (MD)	(Adair is LRP and K-Award application mentor) Complementary feeding, infections, and inflammation among infants in the Democratic Republic of the Congo	Associate Professor of Pediatrics, University of North Carolina School of Medicine