

Amanda L. Thompson

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Education

- 2007 Ph.D, Anthropology, Emory University
Dissertation Title: "More than just birth weight: A longitudinal study of the reproductive ecology of infant growth and development."
- 2007 MPH, Public Nutrition/Global Health, Rollins School of Public Health, Emory University
- 1999 A.B., Anthropology, Harvard University (*summa cum laude*)

Professional Experience

- 1/2015-present Associate Professor, Department of Anthropology, University of North Carolina Chapel Hill
- 5/2016-present Associate Professor, Department of Nutrition, Gillings School of Global Public Health, Chapel Hill, NC
- 1/2009-12/2014 Assistant Professor, Department of Anthropology, University of North Carolina Chapel Hill
- 2009-present Fellow, Carolina Population Center
- 2007-12/2008 Postdoctoral Fellow, Interdisciplinary Obesity Center, University of North Carolina Chapel Hill; Preceptors: Linda Adair and Kay Lund
- 2007-12/2008 Postdoctoral Scholar, Carolina Population Center, University of North Carolina Chapel Hill; Preceptors: Linda Adair and Margaret Bentley

Honors and Awards

- 2014 Michael A. Little Early Career Award, Human Biology Association
- 2011 Fellow, Dannon Institute, Nutrition Leadership Institute
- 2007 Dean's Teaching Fellowship, Emory University (declined)
- 2007 Graduate Symposium Paper Prize, Department of Anthropology, Emory University
- 1999 Phi Beta Kappa
- 1997-1999 John Harvard Scholarship and Elizabeth Cary Agassiz Scholarships
- 1995-1997 Harvard College Scholarship and Elizabeth Cary Agassiz Certificate of Merit

Memberships

Human Biology Association
American Society of Nutrition
The Obesity Society
American Anthropological Association

Publications

Book Chapters

(accepted) **Thompson, AL** and M.E. Bentley. Nutritional Issues in Medical Anthropology. *International Encyclopedia of Anthropology: Health, Illness and Medicine*. Ed. Catherine Panter-Brick. 20 manuscript pages.

2011 **Thompson, AL** and P Gordon-Larsen. The Anthropology of Obesity. In *The Oxford Handbook of the Social Science of Obesity*, ed. John Cawley. Oxford: Oxford University Press. Pg. 60-86.

Refereed Papers and Articles

1. Katherine Barrett*, **Amanda L. Thompson** and Margaret E. Bentley. (accepted). The Influence of Maternal Psychosocial Characteristics on Infant Feeding Styles. *Appetite*. 22 manuscript pages.
2. Fidelia A. A. Dake*, **Amanda L. Thompson**, Shu Wen Ng, Samuel Agyei-Mensah, Samuel N. A. Codjoe. (in press) The Local Food Environment and Body Mass Index among the Urban Poor in Accra, Ghana. *Journal of Urban Health*. 1-18. doi: 10.1007/s11524-016-0044-y
3. Charles T. Wood, Krista M. Perreira, Eliana M. Perrin, H. Shonna Yin, Russell L. Rothman, Lee M. Sanders, Alan M. Delamater, Margaret E. Bentley, **Amanda L. Thompson**. (2016) Confirmatory Factor Analysis of the Infant Feeding Styles Questionnaire in Latino Families. *Appetite*. doi: 10.1016/j.appet.2016.02.018. 24 manuscript pages.
4. Hong Mei; Bingbing Guo; Linda Adair; **Amanda Thompson**; Baomin Yin; Xiong Liang; Jianduan Zhang. (2015) Interactive effects of early exclusive breastfeeding and pre-pregnancy maternal weight status on young children's BMI- a Chinese birth cohort. *PLOS One* 10(12): e0144357. 14 pages.
5. **Thompson, Amanda L.**, L Adair, P Gordon-Larsen, B Zhang and B. Popkin. (2015) Environmental, Dietary and Behavioral Factors Distinguish Chinese Adults with High Waist-to-Height with and without Inflammation. *Journal of Nutrition*. 145:1335-1344.
6. **Thompson, A.L.**, A. Monteagudo-Mera, M. B. Cadenas, M. Lampl, and M. A. Azcarate-Peril.(2015) Milk- and solid-feeding practices and daycare attendance are associated with differences in bacterial diversity, predominant communities, and metabolic and immune function of the infant gut microbiome. *Frontiers in Cellular and Infection Microbiology*. 5:3. doi: 10.3389/fcimb.2015.00003.
7. S Attard*, A Herring, H Wang, A-G Howard, **A.L. Thompson**, L.S. Adair, E. J. Mayer-Davis, and P Gordon-Larsen. (2015) Implications of iron deficiency/anemia on the classification of diabetes using HbA1c. *Nutrition and Diabetes*. 5:e166; doi:10.1038/nutd.2015.16
8. Gordon-Larsen, P., Koehler, E., Howard A.G., Paynter, L., **Thompson, A. L.**, Adair, L., Mayer-Davis, E.J., Zhang, B., Popkin, B.M., Herring, A.H. (2014) Eighteen-year weight trajectories and metabolic markers of diabetes in modernizing China. *Diabetologia*. 57:1820- 829.
9. **Thompson, AL**, KM Houck, LS Adair, P Gordon-Larsen, and B Popkin. (2014) Multilevel examination of the association of urbanization with inflammation in Chinese adults. *Health & Place*. 28:177–186.
10. **Thompson, AL**, LS Adair, and ME Bentley. (2014) “Whatever average is:” understanding African-American mothers' perceptions of infant weight, growth and health. *Current Anthropology*. 55: 348-355.
11. **Thompson, AL**, KM Houck, LS Adair, P Gordon-Larsen, S Du, B Zhang, and BM Popkin. (2014) Associations between Pathogenic and Obesogenic Factors and Inflammation in Chinese children, adolescents, and adults. *American Journal of Human Biology*. 26:18-28.

12. **Thompson, AL** and ME Bentley (2013) The critical period of infant feeding for the development of early disparities in obesity. *Social Science and Medicine*. 97: 288-296.
13. **Thompson, AL** (2013) Intergenerational impact of maternal obesity and postnatal feeding practices on pediatric obesity. *Nutrition Reviews*. 71: S55-S61.
14. **Thompson, AL** and M Lampl. (2013) Prenatal and postnatal energetic conditions and sex steroids levels across the first year of life. *American Journal of Human Biology*. 25:643–654.
15. Turner, BL and **AL Thompson** (2013) Beyond the Paleolithic Prescription: Incorporating diversity and flexibility in the study of human diet evolution. *Nutrition Reviews*. 7: 501-510. (lead article)
16. Wasser, HM*, **AL Thompson**, AM Siega-Riz, LS Adair, EA Hodges, ME Bentley. (2013) Who's feeding baby? Non-maternal involvement in feeding and its association with intakes of obesity-related foods among infants and toddlers. *Appetite*. 71: 7-15.
17. **Thompson, AL**, LS Adair and ME Bentley. (2013) Pressuring and restrictive feeding styles influence infant feeding and size among a low-income African-American sample. *Obesity*. 21(3): 532-571.
18. **Thompson, AL**, LS Adair, and ME Bentley. (2013) Maternal characteristics and perception of infant temperament associated with television exposure in African-American infants. *Pediatrics* 131(2): e390-e397.
19. **Thompson, AL**. (2012) Developmental origins of obesity: early feeding environments, infant growth and the intestinal microbiome. *American Journal of Human Biology*. 24(3): 350-360.
20. **Thompson, AL**, PL Whitten, and M Lampl. (2011) Measurement of testosterone in infant fecal samples. *American Journal of Human Biology*. 23(6): 820-22.
21. Wasser, H*, ME Bentley, J Borja, BD Goldman, **AL Thompson**, MM Slining and LS Adair. (2011) Early patterns of feeding and the role of infant temperament: Are infants perceived as “difficult” more likely to be fed complementary foods before 4 months? *Pediatrics*. 127: 229-237.
22. **Thompson AL**, PL Whitten, ML Johnson and M Lampl.(2010) Noninvasive methods for estradiol recovery from infant fecal samples. *Frontiers in Physiology*. 1:148. doi:10.3389/fphys.2010.00148. 8 pages.
23. **Thompson AL**, MA Mendez, JB Borja, LS Adair, CR Zimmer and ME Bentley. (2009) Development and validation of the Infant Feeding Style Questionnaire. *Appetite*. 53(2): 210-221.
24. Lampl M and **AL Thompson**. (2007) Growth chart curves do not describe individual growth biology. *American Journal of Human Biology*. 19(5): 643-653.
25. Lampl M, **AL Thompson**, and EA Frongillo. (2005) Sex differences in the relationships among weight gain, subcutaneous skinfolds and saltatory length growth spurts in infancy. *Pediatric Research* 58(6): 1238-1242.
26. Sellen D, **AL Thompson**, D Hruschka, A Stein, and R Martorell. (2005) Early determinants of non-exclusive breast feeding among Guatemalan infants. *Advances in Experimental Medicine and Biology*. 534: 299-301.

Published Abstracts and Refereed Presentations (since 2005)

- 2016 **AL Thompson**. Understanding child obesity risk at the household level: The influence of parental and grandparental health beliefs and practices in Chinese families. *American Journal of Physical Anthropology*. 159 (S82):313.
- 2016 *Houck, KM, Thompson AL, and MV Sorensen. E. coli exposure, intestinal barrier function and immune health in Galapagos, Ecuador. *American Journal of Physical Anthropology*. 159 (S82):178.
- 2016 * KJ Barrett, **AL Thompson**, HM Wasser, ME Bentley. The influence of caregiver feeding styles on infant dietary outcomes. 28(2): 268.
- 2016 *Houck, KM, **Thompson AL**, and MV Sorensen. Childhood intestinal health, immune function and the gut microbiome in Galapagos, Ecuador. *American Journal of Human Biology*. 28(2): 281.
- 2016 *JR Jahnke, KM Houck¹, ME Bentley and **AL Thompson** Social and economic change and rising rate of caesarean- section deliveries in Ecuador. *American Journal of Human Biology*. 28(2): 282.
- 2015 **Thompson, A.L, KM Houck**. Trajectories of pathogenic and obesogenic exposures and current inflammation in Chinese children and adults. *American Journal of Human Biology*. 27(2):271.
- 2015 *Houck K, **Thompson A**, Sorensen M. Exploring the effects of energy reserves in modifying tradeoffs between immunostimulation and growth in children from Galapagos, Ecuador. *American Journal of Human Biology*. 27(2):271.
- 2015 *Chamberlain, BG, **AL Thompson**, and ME Bentley Understanding differences between infant feeding knowledge and behaviors among low-income African American mothers. *American Journal of Human Biology*. 27(2):289.
- 2015 **Thompson AL**, KM Houck, L Adair, P Gordon-Larsen, B Popkin. Household-level Analysis of Shared and Unique Predictors of Central Obesity in Chinese Children and Adults. *FASEB Journal*, 29(Supplement): 252.7.
- 2015 *Houck K, **Thompson A**, Sorensen M. Effects of Early Life Pathogenic Exposures and Obesity on Childhood Inflammation Levels in Galápagos, Ecuador. *FASEB Journal*, 29(Supplement): 252.7.
- 2014 *Houck K, **Thompson A**, Sorensen MV. Household patterns of inflammation and overnutrition among children and mothers on San Cristobal, Galapagos. Presented December 2014 at the American Anthropological Association's Annual Meeting in Washington DC.
- 2014 **Thompson, AL**, KM Houck, L Adair, P Gordon-Larsen and B Popkin. Risk factors for moderate inflammation in Chinese adults with and without central obesity. Presentation, *American Society for Nutrition*, Experimental Biology Annual Meetings, April 2014, San Diego, CA
- 2014 **Thompson AL** The intestinal microbiome in nutrition and metabolism. (Plenary Talk). *American Journal of Human Biology*. 26(2): 283.
- 2014 *Houck, KM, **AL Thompson** and MV Sorensen. Dual burden impact of obesity status and E. coli exposure on childhood CRP levels in the Galapagos, Ecuador. *American Journal of Human Biology*. 26(2): 268.
- 2013 **Thompson AL** and **ME Bentley**. Inequality and the development of early life disparities in obesity: the role of food insecurity and household composition. Talk at the *American Anthropology Association* Annual Meeting. November 2013, Chicago, IL.
- 2013 **Thompson AL**, S Du, B Zhang, and J Li. Pathogenic and obesogenic pathways to inflammation in Chinese children and adults. *American Journal of Human Biology* 25(2): 277.
- 2012 * Houck, KM and **AL Thompson**. Obesity, behavior and the built environment: Impacts of Western fast food on childhood overweight and obesity in China. *American Journal of Human Biology*. 24(2):210.
- 2011 * Hill, Sherika N., **AL Thompson**, and ME Bentley. Out-of-home care is a risk factor for early childhood obesity in a low-income, minority population." Poster presented at the Obesity Society. October, 2011, Orlando, FL.

- 2011 **Thompson, AL**, M Lampl and MA Azcarate-Peril. Developmental microbial ecology: the effects of age and diet on the establishment of intestinal microflora in infants. *American Journal of Human Biology*. 23(2): 280.
- 2011 *Houck, K and **AL Thompson**. Investigating childhood nutritional status and urbanization in China: What's happening in transitional neighborhoods? *American Journal of Human Biology*. 23(2): 261.
- 2010 **Thompson, AL**, L Adair, and ME Bentley. Maternal feeding styles, infant feeding and the development of overweight in African American infants. *American Journal of Human Biology* 22(2): 272.
- 2010 *Edens, B, **AL Thompson**, LJ Richardson. Body Mass Index, Body Image, and the Weight-Related Health Behaviors of Postpartum African American Women. Student paper presented at the Southern Demographic Association Annual Meetings. October 2010. Knoxville, TN.
- 2010 Armelagos, G, **AL Thompson**, AR Campbell and J Edwards. Tetracycline and anemia in ancient Sudanese Nubian Populations. Paleopathology Annual Meetings, April 2010. Albuquerque, NM.
- 2009 **Thompson, AL** and M Lampl. Sex differences in infant growth and body composition: implications for the developmental origins of adult reproductive function. 6th World Congress of the Developmental Origins of Health and Disease. November, 2009. Santiago, Chile.
- 2009 **Thompson, AL**, L Adair and ME Bentley. Maternal perception of infant size, feeding practices, and weight gain in African-American infants. *American Journal of Human Biology* (21)2: 271.
- 2009 *Merritt, C and **AL Thompson**. Lifestyle factors and obesity risk in China: are rural areas becoming more urban-like. Student paper presented at the Southern Demographic Association Annual Meetings. October 2009. Galveston, TX.
- 2008 **Thompson, AL**, L Adair, AM Siega-Riz, and ME Bentley. Maternal perception of infant body size and solid feeding practices are associated with reported energy intake among 3-month old African-American infants. Poster presented at the Obesity Society. October, 2008. Phoenix, AZ.
- 2008 **Thompson, AL** and M Lampl. Sex differences in infant growth and hormonal development: an evolutionary reproductive ecology perspective. *American Journal of Human Biology* 20(2): 235.
- 2007 **Thompson, AL** and M Lampl. Feeding, hormones and body composition. *American Journal of Physical Anthropology* 132(S44).
- 2007 **Thompson, AL** and M Lampl. HPG activation in infancy: Relationship to sex and size. *American Journal of Human Biology* 19(2): 283.
- 2006 **Thompson, Amanda L.** and Turner, Bethany L. Recruiting undergraduates to biological anthropology: Using PBL/ICBL as gateways. Poster presented at the International Conference PBL 2006 APB, July 20, Lima, Peru.
- 2006 **Thompson, AL** and M Lampl. Changing views of baby fat: biological and cultural meanings of infant weight and body composition. Paper presented at the American Anthropological Association. November, 2006. San Jose, California.
- 2006 **Thompson, AL**, M Lampl, and PL Whitten. Measurement of testosterone from infant fecal samples. *American Journal of Physical Anthropology* 149(S42): 176.
- 2005 **Thompson AL**, M Lampl, J Millette, and P Whitten. Noninvasive methods for steroid measurement during infancy. *American Journal of Physical Anthropology* 126:210.
- 2005 **Thompson, AL** and DW Sellen. Sex differences in the establishment and duration of breastfeeding in rural Guatemala: Effects on growth in the first years of life. Invited session. Paper presented at the American Anthropological Association. November, 2005. Washington, DC.
- 2005 **Thompson, AL**, DW Sellen and R Martorell. Breast-feeding is associated with improved growth in rural Guatemala. *American Journal of Human Biology* 17(2): 259.
- 2005 Quinn, EA, **AL Thompson**, and M Lampl. Into the mouths of babes: Developmental cross-talk. *American Journal of Human Biology* 17(2): 254.

Unrefereed Works

* denotes student first author

- 2015 **Thompson, A. L.**, Review of [Childhood Obesity in America: Biography of an Epidemic. By Laura Dawes. 320 pp. Cambridge, MA: Harvard University Press. 2014. \$45.00 (cloth)]. *Am. J. Hum. Biol.*, 27: 147–148. doi: 10.1002/ajhb.22662
- 2007 **Thompson, Amanda L.** and Bethany L. Turner. Recruiting undergraduates to biological anthropology: Using PBL/ICBL as gateways. *Anthropology News*. 48(4): 34.

Invited Talks

- 2015 “Early Infant Feeding Influences on the Infant Microbiome.” National Maternal Nutrition Intensive Course (MNIC), University of Minnesota, August 13, 2015.
- 2014 “Biological and behavioral pathways to obesity: fecal hormones, the microbiome, and early feeding Environments” Department of Nutrition Seminar Series, Gillings School of Global Public Health, UNC, November 14, 2014.
- “The early feeding environment: biological and behavioral influences on the development of obesity.” Developmental Psychology Seminar Series, Department of Psychology, UNC September 10, 2014.
- “Environments, Nutrition, and Inflammation in Chinese Children and adults,” Carolina Asia Center, UNC, April 15, 2014
- 2013 “Maternal feeding styles and practices: Influence on child nutrition and obesity.” CVD Epidemiology Seminar Series, Gillings School of Global Public Health, UNC, October 8, 2013.
- “Early life origins of obesity” School of Public Health, Tongji Medical School, Wuhan, China, August 1, 2013.
- “Early life origins of obesity: Biological and behavioral pathways” Children’s Hospital of Philadelphia, Nutrition Seminar Series, May 21, 2013
- “Environmental predictors of inflammation in Chinese children and adults” Carolina Population Center, UNC, Friday Seminar Series, February 1, 2013.
- 2012 “Maternal obesity and offspring feeding patterns,” IX Nestle Nutrition Conference: Maternal Obesity: Reproduction, Pregnancy and Offspring Outcomes. Mexico City, Mexico. November 9, 2012.
- “Impact of urbanizing environments on patterns of inflammation,” FASEB (Federation for American Societies for Experimental Biology) Scientific Research Conference “From Causes to Consequences and Treatment: Obesity in Perspective,” Snowmass, Colorado, August 6, 2012
- “Inflammation: why it matters and some measurement options,” UNC & CCDC China Health and Nutrition Survey: International Workshop on Study Design, Suzhou City, China, May 30, 2012.
- “Predictors of Inflammation in Chinese Children and Adults,” UNC and Chinese Centers for Disease Control China Health and Nutrition Survey (CHNS) Symposium on Nutrition and Chronic Disease, Beijing, China, May 21, 2012.
- 2011 “The Early Feeding Environment and Infant Growth: Intergenerational Impacts on Obesity Risk,” Predicting Lifespan Health Conference, Emory University, February 18, 2011.

- 2009 “Feeding styles and parenting: influences on toddler dietary intake and weight status” (with Margaret Bentley and Linda Adair). The Center for Excellence in Pediatric Nutrition Symposium on “Early life influences on young child feeding and dietary intake patterns.” University of North Carolina at Chapel Hill. December 15, 2009.
- 2008 “Biological, Behavioral, and Evolutionary Perspectives on Infant Growth and Development,” Carolina Population Center Friday Seminar; February 15, 2008.
- 2007 “A historical perspective on the study of infant feeding in human biology” *The Rank Prize Funds Mini-Symposium* on The Origins of the Science and Practice of Infant and Child Nutrition and Feeding; Windermere, England; October 8, 2007.

Teaching Activities (University of North Carolina at Chapel Hill)

Courses Taught

ANTH 143: Human Evolution and Adaptation (2009: 30 students; 2010: 106 students)
 ANTH 318: Human Growth and Development in Comparative Perspective (2009: 33 students; 2010: 37 students)
 ANTH 319: Global Health (2009: 35 students; 2010: 34 students; 2011: 229 students; 2012: 240 students; 2013: 240 students; 2014: 295 students; 2015: 295 students; 2016: 296 students)
 ANTH 490: Human Biology in Comparative Perspective (2015: 25 students)
 ANTH 499: Human Disease Ecology (2011: 20 students)
 ANTH 499: Biocultural Perspectives on Maternal and Child Health (2012: 17 students; 2014: 19 students)
 ANTH 704: Graduate Core Course in Evolution and Ecology (2010: 6 students; 2015: 7 students)

Guest Lectures

NUTR 745: International Nutrition, “Nutrition and inflammation.” September 24, 2012.
 IDST 195: Modes of Inquiry, “Anthropological Perspectives: Evolutionary and Biocultural Approaches to Human Health, Growth and Development.” November 1, 2011.
 NUTR 885: Doctoral Seminar, “Doctoral Seminar: Infection, Diarrhea and Under-nutrition” January 27, 2010

Student Mentoring and Advising

Doctoral Committees

Chair

Kelly Houck, Anthropology (co-chair), expected May 2016, “A New Dual Burden Life History Theory Application Exploring Childhood Gut Immune Function and Overnutrition in the Galápagos”
 Brittany Glarrow Chamberlain, Anthropology (chair), expected May 2017, “Biocultural Embodiment of Breastfeeding in White, Middle Class Women of North Carolina”
 Katherine Barrett, Anthropology (chair), expected May 2018
 Achsah Dorsey, Anthropology (advisor), expected May 2019
 Isaura Godinez, Anthropology (advisor), expected May 2019
 Hannah Janhke, Anthropology (advisor), expected May 2019
 Kari Riggle, Anthropology (advisor), expected May 2020

Member

Qiang Fu, Sociology, Duke University (member), completed May 2015
 Sara Juengst, Anthropology (member), completed May 2015
 Sherika Hill, Maternal and Child Health (member), completed May 2013, “Early Child Care and Weight Outcomes Among Low-Income African-Americans.”
 Marianne Reeves, Anthropology (member), completed May 2013, “Profiling Metabolic Stress in

Medieval Denmark: An Analysis of Internal and External Defects.”
Heather Wasser, Nutrition (member), completed December 2012, “Non-maternal Involvement in Feeding and the Development of Obesogenic Diets Among Infants and Toddlers”
Taylor Livingston, Anthropology (member), expected December 2016
Malena Rousseau, Anthropology (member), expected May 2016
Marissa Wojcinski, Anthropology (member), expected May 2017
Emma Tzioumis, Nutrition (member), expected May 2016
Melissa Cunningham Kay, Nutrition (member), expected May 2017
Sama Hammad, School of Nursing (member), expected May 2017
Fei Dong, Nutrition (member), expected August 2016
Sophie Dent (member), Anthropology, expected May 2018

Undergraduate Honors Thesis

Chair

Sara Khan, 2016, Thesis: “White School Uniforms and Development Theory: How Menstrual Hygiene Management Became an International Issue for Female Education”
Bailey Minish, 2014. Thesis: “The Effects of Different Types of Childbirth Experiences in White, Middle Class Women in Western North Carolina”
Rachel Green, Anthropology, 2013. Thesis: “The Hunger-Obesity Paradox: How Food Insecurity and Weight Status Influence Dietary Patterns in African American Women of North Carolina”
Abby Halpern, Anthropology, 2013. Thesis: “Biocultural Perspectives on the Cost of “Perfecting” Pregnancy in White, Middle Class American Women”
Kavya Sekar, Anthropology, 2013. Thesis: “Assessing the Health Impact of India’s Inequalities: Child Malnutrition in Rural Chhattisgarh, India”
Cora Wilen, Global Studies, 2013: Thesis: “The 95%: Why Women Embrace Diets That Don't Work”
Matthew O'Neill, Anthropology, 2012. Thesis: “C-Reactive Protein and Anthropometric Correlates Among Yakut Children”
Sophia Duong, Health Policy and Administration, 2011. Thesis: “Mass Media Use and Unhealthy Eating Behaviors in Chinese Adolescents” (co-advisor)

Reader

Katie Reinberger, Anthropology, 2014
Betsy Pleasants, Anthropology, 2014
Sydney Hartsell, Interdisciplinary Studies, 2012
Megan Howard, Anthropology, 2012
Amy Anderson, Archaeology, 2012
Caitlin Smith, Archaeology, 2011
Alyssa Tilly, Anthropology, 2009

Grants and Fellowships

Fellowships and Grants

Current

2015-2017	University Research Council, “Exploring the Impacts of Caesarian Sections on Infant Health and Development: A Pilot Project in the Galapagos Islands.” Role: P1, (\$7492 direct). 0% effort.
2015-2016	Interdisciplinary Initiatives Grant Award, Measuring Social Resilience in Rural Mozambique. Role: Co-PI with Clark Gray, Geography, (\$7000 direct). 0% effort.
2012-2016	NIH/NICHD K01 HD071948-01 K01 Career Development Award, “Environmental Change and Inflammation: Age, Cohort and Household Effects in China.” Role: PI. (\$337, 951 direct). 75% effort.
(2012-2017)	NIH/NICHD R01, “Mothers and Others: Family-based Obesity Prevention for Infants and Toddlers.” Role: Investigator (2015-2017). (PI: Margaret E. Bentley; \$2,981,380 total direct and indirect). 5% effort.
(2012-2017)	NIH/NHLBI (R01-HL108427). Emergence of Cardiometabolic Risk across the Lifecycle in China. Role: Investigator (2015-2017). (PI: Penny Gordon-Larsen). (\$1,897,952 direct). 5% effort.
<i>Completed</i>	
2014-2015	Explorations in Global Health Grant Program, “A Pilot Study on the Impact of Intestinal Infections on the Gut Microbiota in Children on San Cristóbal Island, Galápagos” Role: Co-PI, with Kelly Houck, Anthropology; (\$6100 direct). 0% effort.
2013-2014	Carolina Population Center, Seed Grant, “Examining the Impact of Caesarian Section on Infant Health in China: Pilot and Feasibility Study,” Role: co-PI with Linda Adair, Margaret Bentley, and Michelle Mendez, Nutrition, (\$19,127 direct) 0% effort.
2013-2015	Nutrition Obesity Research Center (NORC) Pilot and Feasibility Grant, Gillings School of Global Public Health, UNC Chapel Hill, “The development of the intestinal microbiome and SCFA production in Chinese infants,” (Role:PI; \$19,900; direct). 0% effort.
2013	IBM Junior Faculty Development Grant, “Intergenerational transmission of obesity risk: maternal obesity, infant feeding, and the development of the intestinal microbiome.” Role: PI. (\$7500 direct). 0% effort.
2012	Foundation of Hope for the Research and Treatment of Mental Illness. Gut Microbiota and Brain Development in One-Year-Old Healthy Infants. Role: Co-investigator (PI: Xiujuan Geng, Department of Psychiatry, UNC). (\$40,000 direct). 0% effort.
2010-2012	University Research Council, University of North Carolina at Chapel Hill. “Infant feeding and the development of the intestinal microbiota in the first 15 months: effects of age and diet on bifidobacteria colonization.” Role: PI. (\$4800 direct).
2010-2012	NIH/NIDDK (1R21DK089306-01), Heterogeneity in Cardiometabolic Risk with Obesity: Who Is at Risk? Role: Investigator (PI: Penny Gordon-Larsen, UNC). (\$300,000 direct). 10% effort.

- 2010 Summer-in-Residence, Grant Writing Fellowship, Carolina Population Center (\$15,000 direct)
- 2009 Center for Global Initiatives, Curriculum Development Grant, University of North Carolina, (\$2000 direct)
- 2008-2010 Center for Excellence in Children's Nutrition Small Grants Program (sponsored by Mead Johnson), University of North Carolina at Chapel Hill, "Infant Feeding, Growth and the Development of the Intestinal Microbiota in the first 15 months." Role: PI. (\$30,000 direct) 0% effort.
- 2006-2007 Woodruff Fund Award, Robert H. Woodruff Health Sciences Center, Emory University; "Early Infancy Predictive Health Modeling: Biological Marker Extraction, Identification, and Projection" Co-PI (with: Michelle Lampl, Emory University) (\$10,000 direct) 0% effort.

Graduate Fellowships and Grants

- 2004-2006 National Science Foundation Dissertation Improvement Grant. "More than just birth weight: a longitudinal study of the reproductive ecology of infant growth and development." Co-PI (with: Michelle Lampl, Emory University) (\$10,000 direct)
- 2004-2007 Howard Hughes Medical Institute, Undergraduate Science Curriculum Development Fellow, Center for Science Education, Emory University (\$17,500 direct + tuition)
- 2003-2004 National Science Foundation, PRISM Fellowship (Problems and Research Integrating Science and Math) Center for Science Education, Emory University. (\$27,500 + tuition)
- 2001 Center for Health, Culture, and Society Fellow, Rollins School of Public Health, Emory University. (\$16,000 + tuition)
- 2000-2005 National Science Foundation, Graduate Research Fellowship (\$71,500 + tuition)
- 1999-2007 George W. Woodruff Graduate Fellowship, Emory University (\$110,000 + tuition)
- 2002 Laboratory Methods Development Grant, Department of Anthropology, Emory University (\$3000 direct)
- 2000 Summer Research Grant, Department of Anthropology, Emory University (\$1500 direct)

Professional Experience and Activities

- 2009- 2012 Faculty Fellow, Inter-Disciplinary Obesity Center (IDOC), Carolina Population Center, University of North Carolina at Chapel Hill (invited)
- 2009-2012 Preceptor, Maternal and Child Obesity Pre-doctoral Training Program, University of North Carolina at Chapel Hill (invited)
- 2005-2007 Student Executive Board Member, Biological Anthropology Section, American Anthropological Association

Service

Discipline

Editorial Board Member, *American Journal of Human Biology*, 2015-

Executive Committee Program Chair, (elected) Human Biology Association, 2015-2019

Nominations and Elections Committee, Human Biology Association, 2012-2014

Program Committee, Human Biology Association, 2010-2012

Ad Hoc Grant Reviewer, National Science Foundation and National Institutes of Health

Ad Hoc Journal Reviewer, *American Journal of Human Biology*, *American Journal of Physical Anthropology*, *Current Anthropology*, *Annals of Human Biology*, *Evolution, Medicine, and Public Health*, *PNAS*, *Health and Place*, *Pediatrics*, *International Journal of Obesity*, *Pediatric Obesity*, *Appetite*, *Annals of Behavioral Medicine*, *Journal of the Developmental Origins of Health and Disease*, *Circulation*, *American Journal of Epidemiology*, *Public Health Nutrition*, and *Asia-Pacific Journal of Public Health*.

Ad Hoc Book Reviewer, *Routledge Press*.

Department of Anthropology

Associate Director of Graduate Studies, 2014-

Department IRB Liaison, 2010-2014

Curriculum Committee, 2012-2013

Graduate Studies Committee, 2011- 2012

Committee Member, Graduate Admissions Committee, 2010, 2013-present

Committee Member, Communications Committee, 2009-2011

Committee Member, Governance Committee, 2009

Carolina Population Center

Committee Member, Training Program Committee, 2009-present

University

Faculty Council, Social Science Untenured Representative, July 2013-June 2016