

## Amanda L. Thompson

Department of Anthropology  
University of North Carolina  
301 Alumni Building, CB#3115  
Chapel Hill, NC 27599

Carolina Population Center  
University Square, CB# 8120  
137 West Franklin Street  
Chapel Hill, North Carolina 27516

Telephone: 919-843-2060  
E-mail: [althomps@email.unc.edu](mailto:althomps@email.unc.edu)

### 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

- 7/2020-present Professor, Department of Anthropology, University of North Carolina Chapel Hill
- 7/2020-present Professor, Department of Nutrition, Gillings School of Global Public Health, Chapel Hill, NC
- 7/2019-present Associate Chair, Department of Anthropology, University of North Carolina Chapel Hill
- 1/2019-present Faculty Research Director, Center for Galapagos Studies, University of North Carolina
- 7/2016-6/2018 Associate Chair, 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
- 1/2015-present Associate Professor, Department of Anthropology, University of North Carolina Chapel Hill
- 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

- 2019 Norman Kretchmer Memorial Award in Nutrition and Development, American Society for Nutrition
- 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

### Publications

#### *Edited Volumes*

(in press) Water, food and human health in the Galapagos Islands, Ecuador: A little world within itself. *Co-editors:* Amanda L. Thompson, Valeria Ochoa-Herrera, and Enrique Teran. *Springer*. New York.

Includes 5 authored/co-authored chapters:

Water quality and access in Isabella: results from a household water survey. Nicholas Badwaha, Donald Fefjar, Rodrigo Pozo, Khristopher Nicholas, Alyssa Grube, Jill Stewart, Amanda Thompson and Valeria Ochoa-Herrera

Syndemic water and food insecurity: impacts on the dual burden of disease in Galapagos. Amanda L. Thompson, Enrique Teran and Margaret E. Bentley

Spatial and social dimensions of Galápagos food environments. Khristopher Nicholas, Paul Delameter, and Amanda Thompson

Health Across the First 1000 Days in the Galápagos Islands. Johanna R. Jahnke, Amanda L. Thompson, Norman T. Archer, Margaret E. Bentley, Kelly M. Houck, María Francisca Murgueitio Fuentes, Juan Ochoa

Health seeking behavior and perceptions of care: A qualitative study investigating the underutilization of public health care on the Galápagos Islands. Johanna R. Jahnke, Norman T. Archer, Amanda L. Thompson, Jaime Ocampo, Margaret E. Bentley

### ***Book Chapters***

(in press) **Amanda L. Thompson**, Child and Juvenile Growth, In Cameron and Schell *Human Growth and Development*. 3rd edition. Cambridge: Cambridge University Press

2021 **Alison Nulty, Hope K. Lima, Christina Chauvenet, and Amanda L. Thompson**. Maternal, Child, and Family Nutrition in *Maternal and Child Health: Programs, Problems and Policy in Public Health, 4th. Ed.*, edited by Sarah Verbiest and Russell Kirby. Burlington, MA: Jones & Bartlett Publishing.

2019 **Thompson, Amanda L**. Early gut microbiome: a good start in nutrition and growth may have lifelong lasting consequences. How Fermented Foods Feed a Healthy Gut Microbiota. Eds. M. Andrea Azcarate-Peril, Arnold Roland, José M. Bruno-Bárcena. Springer. Pg. 239-258.

2018 **Thompson, Amanda** and Katherine Barrett. Growth hormones. *The International Encyclopedia of Biological Anthropology*, Wenda Trevathan (ed). John Wiley and Sons, Inc. 4 pages.  
<https://doi.org/10.1002/9781118584538.ieba0156>

2018 **Thompson, AL** and M.E. Bentley. Nutritional Issues in Medical Anthropology. *International Encyclopedia of Anthropology: Health, Illness and Medicine*. Ed. Catherine Panter-Brick. John Wiley & Sons. 4406-4417.  
<https://doi.org/10.1002/9781118924396.wbiea1679>

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. (accepted) \*Nulty, Alison, **Amanda L. Thompson**, Heather Wasser, Peggy Bentley. Directionality of the associations between bedsharing, maternal depressive symptoms, and infant sleep: the importance of maternal health during the first 15 months of life. *Sleep Health special issue*
2. (accepted) Katherine Barrett\* and **Amanda L. Thompson**. Infant Eating Behaviors and Milk Feeding Independently Predict Infant Size. *American Journal of Human Biology*.
3. (in press) **Thompson, Amanda L**. Greater male vulnerability to stunting? Evaluating sex differences in growth, pathways and biocultural mechanisms. *Annals of Human Biology*.

4. Joshua Douglas Miller\*; Cassandra L. Workman; Sarita V. Panchang; Gretchen Sneegas; Ellis A. Adams; Sera L. Young; **Amanda L. Thompson**. (2021) Water security and nutrition: current knowledge and research opportunities. *Advances in Nutrition*. nmab075.
5. Alexander L. Carlson, Kai Xia, M. Andrea Azcarate-Peril, Samuel Rosin, Jason P. Fine, Jared B. Zopp, Mary C. Kimmel, Martin A. Styner, **Amanda L. Thompson**, Cathi B. Propper, Rebecca C. Knickmeyer. (2021) Infant gut microbiome composition is associated with non-social fear behavior in a pilot study. *Nature Communications*. 12 (1): 1-16
6. Jahnke, J. R., Roach, J., Azcarate-Peril, M. A., & **Thompson, A. L.** (2021). Maternal precarity and HPA axis functioning shape infant gut microbiota and HPA axis development in humans. *Plos one*, 16(5), e0251782.
7. **Amanda L Thompson**. (2021) What is normal, healthy growth? Global health, Human biology and Parental Perspectives. *American Journal of Human Biology*. Special issue: Biological Normalcy. 33: e23597.
8. Dorsey, Achsah, Mary Penny, and **Amanda L Thompson**. (2021) Adiposity and pathogen exposure: An investigation of response to iron supplementation and hypothesized predictors in anemic pre-school-aged children living in a dual burden environment. *American Journal of Physical Anthropology*.
9. Vernaza, W., Pozo, R., Mateus, M. C., Quiroga, D., Stewart, J., **Thompson, A.**, Raheem, N., & Ochoa-Herrera, V. (2021). "Agua para Galápagos": un programa de monitoreo de la calidad del agua en las islas Galápagos. *Esferas*, 2(1), 26. <https://doi.org/10.18272/esferas.v2i.2026> [in Spanish]
10. **Amanda L. Thompson**, Heather Wasser, Alison Nulty, and Margaret Bentley. (2021) Feeding style patterns are associated with maternal and infant characteristics and infant feeding and weight outcomes in African American infants. *Appetite*. 160:105084
11. Jahnke, J, Enrique Terán, Francisca Murgueitio, Holger Cabrera, **Amanda Thompson**. (2021) Maternal stress, placental 11-beta-hydroxysteroid dehydrogenase type 2, and infant HPA axis development in humans: Psychosocial and physiological pathways. *Placenta* 104, 179-187
12. Samuel P. Rosin, Kai Xia, Andrea Azcarate-Peril, Alexander L. Carlson, Cathi B. Propper, **Amanda L. Thompson**, Karen Grewen, Jason P. Fine, Rebecca C. Knickmeyer. (2021) A Study of Natural Gut Microbiome Variation and HPA Reactivity in Infancy. *Psychoneuroendocrinology*. 124:105046.
13. Dorsey, A. F., & **Thompson, A. L.** (2020). Child, caretaker, and community: Testing predictors of anemia and response to iron supplementation in Peruvian preschool-aged children. *American Journal of Human Biology*, e23538.
14. **Amanda L. Thompson**. (2020) Evaluating the pathways linking complementary feeding practices to obesity in early life. *Nutrition Research*. 78 (Supp\_2): 13–24.
15. Heather Marie Wasser, **Amanda Logan Thompson**, Chirayath M Suchindran, Barbara Davis Goldman, Eric Ashworth Hodges, Meredith Jane Heinig, Margaret Esplin Bentley. (2020) Home-based intervention for non-Hispanic black families finds no significant difference in infant size or growth: Results from the Mothers & Others randomized clinical trial. *BMC Pediatrics*. 20(1): 1-13. <https://doi.org/10.1186/s12887-020-02273-9>
16. A Brewis, B Piperata, **A Thompson**, and A Wutich. (2020) Localizing Resource Insecurities: A Biocultural Perspective on Water and Wellbeing. *WIREs Water*. e1440

17. Kelly M Houck, Enrique Terán, Juan Ochoa, Gyssell N. Zapata, Ana Maria Gomez, Rafael Parra, Denise Dvorquez, Jill R. Stewart, Margaret E. Bentley, **Amanda L. Thompson**. (2020) Drinking water improvements and rates of urinary and gastrointestinal infections in Galápagos, Ecuador: assessing household and community factors. *American Journal of Human Biology. Special Issue: Human Biology of Water*. 32. e23358.
18. **Amanda L Thompson**, Khristopher M Nicholas, Elijah Watson, Enrique Terán, Margaret E Bentley. (2020) Water, Food and the Dual Burden of Disease in Galápagos, Ecuador. *American Journal of Human Biology. Special Issue: Human Biology of Water*. 32. e23344
19. Bahorski, Jessica, Gwendolyn Childs, Lori Loan, Andres Azuero, Marti Rice, Paula Chandler-Laney, Eric Hodges, Heather Wasser, **Amanda Thompson**, Peggy Bentley. (2020) Associations Between Parental Self-efficacy and Weight-for-Length Z-score. *Western Journal of Nursing Research*. 42 (4), 254-261
20. Nicholas, K., Bentley, M., Terán, E., & **Thompson, A.** (2019). Water security in the Galápagos: Socioecological determinants and health implications. *EcoHealth*, 1-14.
21. **Amanda L. Thompson**, Heather Wasser, Margaret E. Bentley. (2019) Validation of the Infant Feeding Beliefs Questionnaire (IFBQ) among Pregnant African- American Women and Their “Others”. *Appetite*. 104316. 11 pages.
22. Johanna R Jahnke, Kelly M Houck, Margaret E Bentley, **Amanda L Thompson**. (2019) Maternal, Institutional, and Policy Factors Associated with Rising C-section Rates in Ecuador over 23 Years. *Birth*. 1-9.
23. **Amanda L. Thompson**. (2019) Caesarean delivery, inflammation and immune function in Ecuadorian infants and young children. *Journal of the Developmental Origins of Health and Disease*. 1-8.
24. Gao, W., Salzwedel, A.P., Carlson, A.L., Xia, K., Azcarate-Peril, M.A., Styner, M.A., **Thompson, A.L.**, Geng, X., Goldman, B.D., Gilmore, J.H. and Knickmeyer, R.C. (2019) Gut microbiome and brain functional connectivity in infants-a preliminary study focusing on the amygdala. *Psychopharmacology*:1-11.
25. **Amanda L. Thompson**, Kelly M. Houck, and Johanna R. Jahnke. (2019) Pathways linking Caesarean delivery to early health in a dual burden context: immune development and the gut microbiome in infants and children from Galapagos, Ecuador. *American Journal of Human Biology*. e23219. 12 pages.
26. Nhan T. Ho, Fan Li, Kathleen A. Lee-Sarwar, Hein M. Tun, Bryan Brown, Pia S. Pannaraj, Lianna F. Wood, Jeffrey M. Bender, Joanne E. Sordillo, Meghan B. Azad, **Amanda L. Thompson**, Scott T. Weiss, M. Andrea Azcarate-Peril, Augusto A. Litonjua, Anita L. Kozyrskyj, Heather B. Jaspan, Grace M. Aldrovandi, Louise Kuhn. (2018) Meta-analysis of effects of exclusive breastfeeding on infant gut microbiota across populations. *Nature Communications*. 9(1), 4169. 13 pages.
27. Yosuke Inoue, Annie Green Howard, **Amanda L. Thompson**, Penny Gordon-Larsen. (2018) A secular change in the association between urbanization and abdominal adiposity in China (1993 – 2011). *Journal of Epidemiology and Community Health*. 72:484-490.
28. Achsah F. Dorsey\*, **Amanda L. Thompson**, Richard E. Kleinman, Christopher P. Duggan, Mary E. Penny. (2018) Iron and Infection: An Investigation of the Optimal Iron Hypothesis in Lima, Peru. *American Journal of Human Biology*. 30(3): e23114. 5 pages.
29. Katherine Barrett\*, Heather Wasser, **Amanda Thompson**, and Margaret Bentley. (2018) Contributions of Non-Maternal Caregivers to Infant Feeding. *Maternal and Child Nutrition*. e12610. 12 pages.

30. Alexander L. Carlson, Kai Xia, M. Andrea Azcarate-Peril, Barbara D. Goldman, Martin A. Styner, **Amanda L. Thompson**, Xiujuan Geng, John H. Gilmore, Rebecca C. Knickmeyer. (2018) Gut microbiome associated with cognitive outcomes and brain structure in human infants. *Biological Psychiatry*. 83(2):148-159.
31. Kay, Melissa C. Heather Wasser, Linda Adair, **Amanda L. Thompson**, Anna Maria Siega-Riz, Chirayath Suchindran, Margaret Bentley. Consumption of obesogenic foods in non-Hispanic black mother-infant dyads. (2018) *Maternal & Child Nutrition*. 14 (1): e12482. 11 pages.
32. Heather M. Wasser, **Amanda L. Thompson**, Chirayath M. Suchindran, Eric A. Hodges, Barbara D. Goldman, Eliana M. Perrin, Myles S. Faith, Cynthia M. Bulik, M. Jane Heinig, Margaret E. Bentley. (2017) Family-based Obesity Prevention for Infants: Design of the “Mothers & Others” Randomized Trial. *Contemporary Clinical Trials*. 60: 24-33.
33. Kay, Melissa C. Heather Wasser, Linda Adair, **Amanda Thompson**, Anna Maria Siega-Riz, Chirayath Suchindran, Margaret Bentley. (2017) Consumption of key food groups during the postpartum period in low-income, non-Hispanic black mothers. *Appetite*. 117: 161-167.
34. Fei Dong, Annie Green Howard, Amy H. Herring, **Amanda L. Thompson**, Linda S. Adair, Barry M. Popkin, Allison E. Aiello, Bing Zhang, Penny Gordon-Larsen. (2017) Longitudinal associations of diet, screen time, and physical activity behaviors with cardiometabolic risk factors among Chinese children and their parents. *American Journal of Clinical Nutrition*. 106(1), 168-178.
35. Yosuke Inoue; Annie Green Howard; **Amanda L Thompson**; Michelle A Mendez; Amy H Herring; Penny Gordon-Larsen. (2017) A positive association between urbanization and reduced renal function: Findings from the China Health and Nutrition Survey. *BMC Nephrology*. 18(1), 160. 10 pages.
36. Arnold, Jason, Andrea Monteagudo-Mera, Eric Altermann, Maria Cadenas, **Amanda Thompson**, and M. Andrea Azcarate-Peril. (2017) Genome sequence of potential probiotic *Lactobacillus rhamnosus* isolates from human infants (genomeA00107-17). *Genome Announcements*. 5 (14), e00107-17. 2 pages.
37. Dong, F., A. G. Howard, A. H. Herring, **A. L. Thompson**, L. S. Adair, B. M. Popkin, A. E. Aiello, B. Zhang and P. Gordon-Larsen (2016). Parent–child associations for changes in diet, screen time, and physical activity across two decades in modernizing China: China Health and Nutrition Survey 1991–2009. *International Journal of Behavioral Nutrition and Physical Activity* 13(1): 118. 11 pages.
38. **Amanda L. Thompson**, Elizabeth Koehler, Amy H. Herring, Lauren Paynter, Shufa Du, Bing Zhang, Barry Popkin, and Penny Gordon-Larsen. (2016) Weight gain trajectories associated with elevated C-reactive protein levels in Chinese adults. *Journal of the American Heart Association*. 5(9): e003262. 11 pages.
39. Dong, F., Howard, A. G., Herring, A. H., Adair, L. S., **Thompson, A. L.**, Popkin, B. M., Zhang B. and Gordon-Larsen, P. (2016). Concordance of haemoglobin A1c, blood pressure and C-reactive protein between children and their parents in Chinese households. *Pediatric obesity*. 12 (5), 422-430.
40. Katherine Barrett, **Amanda L. Thompson** and Margaret E. Bentley. (2016) The Influence of Maternal Psychosocial Characteristics on Infant Feeding Styles. *Appetite*, 103: 396-402.
41. Fidelia A. A. Dake, **Amanda L. Thompson**, Shu Wen Ng, Samuel Agyei-Mensah, Samuel N. A. Codjoe. (2016) 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

42. 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*. (100): 118-125.
43. 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.
44. **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.
45. **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. 15 pages.
46. 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 9 pages.
47. 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. (2015) Eighteen-year weight trajectories and metabolic markers of diabetes in modernizing China. *Diabetologia*. 57:1820- 829.
48. **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.
49. **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.
50. **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.
51. **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.
52. **Thompson, AL** (2013) Intergenerational impact of maternal obesity and postnatal feeding practices on pediatric obesity. *Nutrition Reviews*. 71: S55-S61.
53. **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.
54. 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)
55. 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.

56. **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.
57. **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.
58. **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.
59. **Thompson, AL**, PL Whitten, and M Lampl. (2011) Measurement of testosterone in infant fecal samples. *American Journal of Human Biology*. 23(6): 820-22.
60. 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.
61. **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.
62. **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.
63. Lampl M and **AL Thompson**. (2007) Growth chart curves do not describe individual growth biology. *American Journal of Human Biology*. 19(5): 643-653.
64. 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.
65. 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.

#### ***Papers under review***

(resubmitted) Hunter, K. E., Johnson, B. J., Askie, L., Golley, R. K., Baur, L. A., Marschner, I. C., ... & Seidler, A. L. (2020). Transforming Obesity Prevention for CHILDren (TOPCHILD) Collaboration: protocol for a systematic review with individual participant data meta-analysis of behavioural interventions for the prevention of early childhood obesity. *BMJ Open*

(*under review*) Johnson, B. J., Hunter, K. E., Golley, R. K., Chadwick, P., Barba, A., Aberoumand, M., ... & Seidler, A. L. (2020). Unpacking the behavioural components and delivery features of early childhood obesity prevention interventions in the TOPCHILD Collaboration: a systematic review and intervention coding protocol. medRxiv. Under review *BMJ Open*

(*under review*) Khristopher M. Nicholas,\* Margaret E. Bentley, Paul L. Delamater, Enrique Terán, **Amanda L. Thompson**. Geographic and experiential food environments in the Galápagos islands of Ecuador. *Foods* (special issue)

(*revise and resubmit*) Isa Godinez\* and **Amanda L. Thompson**. Cardiometabolic health among Purepecha in North Carolina. *American Journal of Human Biology*

(*revise and resubmit*) Alison Nulty,\* Elizabeth Chen, and **Amanda Thompson**. The potential for the Ava bracelet to collect preconception and pregnancy data: a validity and acceptability study. *Digital Health*.

(submitted) Khristopher M. Nicholas, Amanda L. Thompson, Heather M. Wasser, Margaret E. Bentley, Associations between household and community food environments among pregnant Black women in NC and the moderating effect of nutrition assistance programs. *Journal of the Academy of Nutrition and Dietetics*.

***Selected Published Abstracts and Refereed Presentations (since 2011)***

- 2021 \*KM Nicholas, **AL Thompson**, H Wasser, ME Bentley. Community food environments, enrollment in WIC, and household availability of fresh fruits and vegetables among African-American mother-infant pairs in North Carolina. *American Journal of Human Biology*: 33.
- 2021 \*Long, A. M., **Thompson, A. L.**, Jukic, A. M. Z., Jahnke, J. R., & Steiner, A. Z. Serum levels of c-reactive protein and anti-mullerian hormone, follicular-stimulating hormone, and inhibin-B in women attempting pregnancy. *American Journal of Human Biology*: 33.
- 2021 \*Cruz, I., **Thompson, A. L.**, Adair, L., & Macias, C. O. Cardiometabolic health among Purepecha in Michoacan, Mexico. *American Journal of Human Biology*: 33.
- 2021 \*Carrier, J., \*Nulty, A., \*Nicholas, K., **Thompson, A. L.**, Wasser, H., & Bentley, M. E. Socioeconomic Determinants of Breastfeeding Intentions and Duration Among African-American Women in Central North Carolina. *American Journal of Human Biology*: 33.
- 2021 **Thompson, A. L.**, Jahnke, J. R., Teran, E., & Bentley, M. E. Pathways linking maternal mental health and child health in a dual burden context. *American Journal of Human Biology*: 33.
- 2021 \*Dorsey, A., Azcarate-Peril, M. A., & **Thompson, A. L.** Intestinal microbiota and iron supplementation efficacy in Peruvian preschool aged children. *American Journal of Human Biology*: 33.
- 2021 \*Nulty, A. K., Thompson, A. L., Wasser, H. M., & Bentley, M. E. Maternal perception of insufficient breastmilk supply: Predictors and potential pathways. *American Journal of Human Biology*: 33.
- 2020 **Thompson, A.**, Wasser, H., Nulty, A., & Bentley, P. (2020). Examining Pathways Underlying the Association Between Maternal Depressive Symptoms and Infant Weight Outcomes. *Current Developments in Nutrition*, 4(Supplement\_2), 1088-1088.
- 2020 \*Nicholas, K., Wasser, H., **Thompson, A.**, & Bentley, P. (2020). Spatial and Social Determinants of Household Food Environments in Central North Carolina. *Current Developments in Nutrition*, 4(Supplement\_2), 255-255.
- 2020 \*Nulty, A., **Thompson, A.**, Wasser, H., & Bentley, P. (2020). Maternal-Infant Bedsharing Associated with Maternal Depressive Symptoms and Perception of Infant Sleep. *Current Developments in Nutrition*, 4(Supplement\_2), 1052-1052.
- 2020 A Dorsey\*, **AL Thompson**. Iron regulation and response: The impact of iron availability and intestinal microbiota on recovery from anemia in pre-school-aged children. *American Journal of Human Biology*. 32.
- 2020 KM Houck, **AL Thompson**. Fluid intake, hydration status and urinary tract infections in mothers and children from Galapagos, Ecuador. *American Journal of Human Biology*. 32.
- 2020 JR Jahnke\*, **AL Thompson**. Maternal perinatal stress and depression shape the infant gut microbiome in humans: Evidence from the Galapagos Islands. *American Journal of Human Biology*. 32.
- 2020 I Godinez\*, **AL Thompson**, LS Adair, O Macias Campo. Cardiometabolic health outcomes and influences among Purepecha in Michoacan, Mexico. *American Journal of Human Biology*. 32.
- 2020 **AL Thompson**, E Teran, ME Bentley. Water and food insecurity contribute to a triple burden of disease in Galápagos, Ecuador. *American Journal of Human Biology*. 32.
- 2019 **Thompson, A.L.** What is normal, healthy growth? Factors associated with and consequences of caregivers' perceptions of infant and child growth. Podium Session. *American Association of Anthropologists Annual Meeting*, November 2019. Vancouver, BC, Canada.
- 2019 **Thompson, A. L.**, & Houck, K. M. Early environments and the development of the human microbiome: implications for growth and health. *American Journal of Physical Anthropology*. 168: 246.
- 2019 **Thompson, AL**, KM Nicholas, E Watson, E Terán, and ME Bentley. Water, food and the dual burden of disease in Galápagos, Ecuador. *American Journal of Human Biology*. 31:e23214. 55.



- 2019 \*Jahnke, JR and **AL Thompson**. Effects of maternal perinatal stress on cortisol regulation in the Galápagos Islands: implications for the HPA axis and developmental origins of health and disease. *American Journal of Human Biology*. 31:e23214. 25.
- 2019 \*Watson, E, **AL Thompson**, ME Bentley, E Hoving. Social determinants of household diet quality in Galápagos, Ecuador. *American Journal of Human Biology*. 31:e23214. 59
- 2019 \*Nicholas, KM, ME Bentley, E Terán and **AL Thompson**. Socioecological determinants of water security and implications for health in the Galápagos. *American Journal of Human Biology*. 31:e23214. 37.
- 2019 \*KM Nicholas, **AL Thompson**, ME Bentley, P Delamater. Household-level interactions of spatiotemporally interpolated nutritional environments in the Galápagos. American Association of Geographers (AAG) Annual Meeting 2019
- 2018 **Thompson, A.L.**, H Wasser and ME Bentley. Validating a Prenatal Feeding Beliefs Questionnaire among Pregnant African American Women. *Current Developments in Nutrition*. 2(11): 84.
- 2018 \*Houck, KM, AL Thompson and ME Bentley. Immunostimulation Associated with Environmental Enteric Dysfunction in Children from a Dual Burden Environment. *Current Developments in Nutrition*. 2(11): 7.
- 2018 **Thompson, A.L.**, Houck, K and J.R. Jahnke. Pathways linking birth practices and early health: Immune development and the gut microbiome. *American Journal of Physical Anthropology*.
- 2018 \*Houck, Kelly, **Thompson, A. L.**, & Sorensen, M. V. Immunoregulatory effects of childhood endotoxemia on total-IgE response: Implications for the hygiene hypothesis from Galapagos, Ecuador. *American Journal of Human Biology*. 30(2).
- 2018 \*Owens, C., Houck, K. M., Barrett, K. J., **Thompson, A. L.**, & Sorensen, M. V. Effects of psychosocial stress and BMI on c-reactive protein in a student sample. *American Journal of Human Biology*. 30(2).
- 2017 **Thompson, A. L.**, Jahnke, H. R., & Houck, K. M. Birth practices and infant immune development in Ecuador. *American Journal of Human Biology*. 29(2).
- 2017 \*Barrett, K. J., **Thompson, A. L.**, Perreira, K., & Bentley, M. E. The impact of social support on infant feeding outcomes among Latino families in North Carolina. *American Journal of Human Biology*. 29(2).
- 2017 \*Dorsey, A., **Thompson, A. L.**, Penny, M., Kleinman, R., & Duggan, C. Iron and morbidity among toddlers in Lima, Peru. *American Journal of Human Biology*. 29(2).
- 2017 \*Godinez, I, LS Adair and **AL Thompson**. Genetic risk, salt consumption, and effects on blood pressure in Filipino women. *American Journal of Human Biology*. 29(2).
- 2017 \*Houck, K., **Thompson, A. L.**, & Sorensen, M. (2017, March). Effects of early life fecal pathogen exposure on the gut microbiome in children from Galapagos, Ecuador. *American Journal of Human Biology*. 29(2).
- 2017 \*Riggle K., **A.L. Thompson**, P Mugwaneza, A Asiimwe, EA Bobrow. Maternal knowledge of HIV and breastfeeding practices in Kigali, Rwanda. *American Journal of Human Biology*. 29(2).
- 2017 \*Wilbur, R., Aiello, A. E., & **Thompson, A. L.** The impact of social determinants of health on gastrointestinal infectious disease burden: Results from the China Health and Nutrition Survey. *American Journal of Human Biology*. 29(2).
- 2017 Dong, F., Howard, A. G., Herring, A., Adair, L., **Thompson, A.**, Popkin, B., ... & Gordon-Larsen, P. Longitudinal Associations of Diet, Screen Time, and Physical Activity Behaviors With Cardiometabolic Risk Factors Among Chinese Children and Their Parents. *Circulation*. 35 (Suppl 1), AP281-AP281.
- 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 Houck<sup>1</sup>, 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.

### **Unrefereed Works**

- 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.]. *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.

### **Conference Panel Organization**

- 2018 “Integrating biosocial perspectives to understand health disparities across the lifespan,”  
Plenary Session, Human Biology Association Annual Meeting, Austin, TX.

### **Invited Talks**

- 2021 “Pathways of risk and resilience: biological and behavioral factors shaping health in early life.” Invited seminar, Yale University, Department of Anthropology, September 30, 2021.
- “People & Environment in the Galapagos.” Panel presentation, Institute for the Study of the Americas, UNC Chapel Hill, March 15, 2021.
- “People & Environment in the Galapagos.” Panel presentation. Morehead Planetarium Virtual Science Expo, Public Presentation, April 16, 2021.
- 2020 “Pathways of risk and resilience: biological and behavioral factors shaping health in early life.” Anthropology Day Speaker, Augusta University. Augusta, GA. February 19, 2020.
- 2019 “Sex Differences in Stunting: Patterns and Mechanisms.” National Multisectoral Nutrition Technical Working Group, Scaling Up Nutrition, Zambia. Webinar, December 12, 2019.
- “Food, Water and Human Health in Galápagos, Ecuador.” Invited Plenary Session, Triangle Global Health Consortium, Durham, NC. October 16, 2019.
- “Food insecurity and poor water environments: Impacts on the triple burden of disease in Galápagos, Ecuador,” Center for Global Health Mini-Symposium: The Complexities of Food Insecurity. Arizona State University. October 4, 2019.
- “Social and Environmental Factors Influencing Human Health in Galápagos, Ecuador.” Invited Keynote Speaker, 3<sup>rd</sup> Annual Galápagos Conservation and Research Symposium, Galápagos Science Center and the Galápagos National Park, San Cristobal, Galápagos, Ecuador, June 24, 2019.
- “The gut microbiota in the first 1000 days: implications for growth and health.” First Friday Microbiome Seminar, Microbiomes at Carolina, June 7, 2019.
- 2018 “Big Data Approaches to the First 1000 Days.” Nutrition Department Mini-Symposium: Building Better Babies,” April 2, 2018, Gillings School of Global Public Health, UNC.
- 2017 “Evolutionary Medicine in the First 1000 Days.” Triangle Center for Evolutionary Medicine, September 9, 2017. NC Museum of Natural History. Raleigh, NC.
- “Birth Practices and Infant Health in San Cristobal,” The 2nd Galápagos Conservation and Research Symposium, Charles Darwin Convention Center, San Cristóbal, Galapagos, Ecuador. July 11, 2017,
- 2016 “Complementary Feeding and the Path to Childhood Obesity.” XI Nestlé Nutrition Conference: Complementary Feeding: a piece of the puzzle to understand future health. Mexico City, Mexico. November 14, 2016.
- “Birth, Feeding, and environmental Influences on the Infant microbiome: Consequences for health and disease.” Maternal and Child Health Nutrition Council Quarterly Webinar, January 21, 2016.

- 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 104 (190): Introduction to Biocultural Anthropology (Fall 2020: 43 students)  
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; Maymester 2017: 17 students; Maymester 2018: 8 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; 2017: 296 students; 2018: 294 students; 2019: 222 students; 2020: 274 students; 2021: 215)  
ANTH 490/217: Human Biology in Comparative Perspective (2015: 25 students; 2017: 37 students; 2019: 32 students)  
ANTH 499: Human Disease Ecology (2011: 20 students)  
ANTH 499/471: Biocultural Perspectives on Maternal and Child Health (2012: 17 students; 2014: 19 students; 2017: 25 students)  
ANTH 703: Graduate Core Course in Human Biology, Ecology and Evolution (2020: 4 students)  
ANTH 704: Graduate Core Course in Evolution and Ecology (2010: 6 students; 2015: 7 students)  
ANTH 897: Human Biology and Population Health (2016: 8 students; 2018: 5 students, 2020: 6 students)  
ANTH 898: Human Growth and Development (2016: 8 students)

### **Guest Lectures**

- BIOL Current Topics in Biotechnology: Diet, Environments and Health, Spring 2019, Spring 2021  
NUTR 745: International Nutrition, “Nutrition and inflammation.” Fall 2012, 2016 and 2018.  
MCH 890: Global Breastfeeding Seminar, “Biological and behavioral pathways to obesity.” Spring 2018  
IDST 95/194: Modes of Inquiry, “Anthropological Perspectives: Evolutionary and Biocultural Approaches to Human Health, Growth and Development.” November 1, 2011 and January 19, 2016.  
NUTR 885: Doctoral Seminar, “Doctoral Seminar: Infection, Diarrhea and Under-nutrition” January 27, 2010

## **Student Mentoring and Advising**

### ***Doctoral Committees***

#### **Chair**

##### *Completed*

- Kelly Houck, Anthropology (co-chair), awarded December 2017, “A New Dual Burden Life History Theory Application Exploring Childhood Gut Immune Function and Overnutrition in the Galápagos”  
Katherine Barrett, Anthropology (chair), awarded May 2020, “The Influence of Infant-Caregiver Feeding Interactions on Diet, Growth and Metabolic Development.”  
Achsah Dorsey, Anthropology (chair), awarded May 2020, “Iron, Infection, and Malnutrition: An Exploration of Childhood Anemia in a Peruvian Peri-urban Community”  
Hannah Jahnke, Anthropology (chair), awarded May 2020, “*Madres Sanas, Bebés Sanos*: The Intergenerational Effects of Maternal Stress in the Galápagos Islands.”

##### *Current*

- Isaura Cruz, Anthropology (chair), expected May 2022  
Rachel Wilbur, Anthropology (chair), expected May 2022  
Khristopher Nicholas, Nutrition, expected May 2022 (CPC Preceptor and Co-Chair)  
Ann Suk, Anthropology (chair), expected May 2023  
Anneliese Long, (advisor), expected May 2024

Alison Nulty, (advisor), expected May 2024  
Julia Mackessy, (advisor)

**Member**

*Completed*

Qiang Fu, Sociology, Duke University (member), completed May 2015  
Sara Juengst, Anthropology (member), completed May 2015  
Sherika Hill, Maternal and Child Health (member and research preceptor), 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”  
Fei Dong, Nutrition (member), completed August 2016  
Malena Rousseau, Anthropology (member), completed May 2017  
Emma Tzioumis, Nutrition (member), completed May 2017  
Melissa Cunningham Kay, Nutrition (member), completed May 2017  
Sama Hammad, School of Nursing (member), completed May 2017  
Taylor Livingston, Anthropology (member), completed August 2017  
Basma Alyzedei, Nursing (member), completed May 2018  
Stephanie Berger (member), Anthropology, completed May 2021  
Sophie Dent (member), Anthropology, completed May 2021  
Julie Hasken, (member), Nutrition, completed May 2021

*Current*

Jacob Griffin, (member), Anthropology, expected May 2022  
Laetitia Meyrueix, (member), Nutrition, expected May 2022

**Masters Thesis (terminal MS, MPH, MA)**

**Member**

Emily Rossi, MPH, May 2018 (Research Preceptor)  
Kayla Boley, MS, Nutrition, May 2018

**Undergraduate Honors Thesis**

**Chair**

Jordyn Carrier, 2021, Anthropology, Thesis: Socioeconomic Determinants of Breastfeeding Attitudes and Duration Among African American Women in Central North Carolina  
Tina Dev, 2021, Anthropology, Thesis: Health during COVID-19 and Ethnic Disparities in Healthcare Access and Resources through Provider Perspectives  
Sally Kuehn, 2021, Nutrition, Thesis: The impact of COVID-19 on food security and diet patterns in the Galápagos, Ecuador: quantitative and qualitative analysis  
Sarah Payne, 2021, Global Studies, Thesis: Turning Waste into Opportunity: The Viability of Wastewater Surveillance in Today’s COVID-19 Crisis  
Supreet Goraya, 2020, Thesis:” Role and Perceptions of Midwifery Practices in Relation to Health Outcomes in North Carolina.”  
Elijah Watson, 2019, Thesis: “Social Predictors of Diet Quality in Galapagos, Ecuador”  
Archita Chandra, 2017, Thesis: “Examining the Use of Biomedicine and Folk Medicine across Socioeconomic Factors and Health in China”  
Hayley Conyers, 2017, Thesis: “Lo Tiempo Más Largo: A cross-cultural analysis of nausea, vomiting, and diet change during early pregnancy in North Carolina”  
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**

- Hannah Register, Psychology, 2021
- Robert Zachary Cochran, Anthropology, 2020
- Nicholas Badhwa, Environmental Science, 2020
- Meenu Immaneti, Nutrition 2020
- India Benson, Anthropology 2019
- Norman Archer, Nutrition 2018
- Caroline Owens, Anthropology 2018
- Jonathan (Taylor) Wall, Anthropology, 2017
- 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**

*Pending*

From Biological to Social Processes: Interdisciplinary Training in Life Course Research. Co-Principal Investigator (with Bob Hummer), National Institute of Child Health and Human Development. 5-year award of \$2,006,024

*Current*

*External*

- 2020 - 2022 CRDF Global (OISE-20-66869-1). Quito Research Conference. Role: PI. 10% effort.
- 2020-2022 NIH/NICHD R21. Understanding Family Networks and Implications for Maternal and Child Health. (Role: Investigator). 15% effort.
- 2017-2021 NIH/FIC (1R21TW010832-01). Water, Food, and the Triple Burden of Disease in the Galapagos, Ecuador. (Role: PI, \$273,122 direct cost). 15% effort.

2016-2023 NIH Office of the Director (5-UH3-0D023348-05). Environment, Epigenetics, Neurodevelopment and Health of Extremely Preterm Children. (Role: Investigator). 10% effort.

*Internal*

2020-2021 Seed Grant, Carolina Population Center. Role: Co-Investigator. Early life exposures and adolescent health and development outcomes: Assessing the feasibility of following-up a pregnancy cohort in urban Tanzania. (\$19,000), 0% effort.

2018-2020 Seed Grant, Carolina Population Center. Role: co-PI. Innovative Data for a Socioecological Study of the First 1000 Days in NC. (\$21,000), 0% effort.

**Completed**

*External*

2015-2019 NIH-NIDDKD Transition to a Western diet and cardiometabolic risk: Biomarkers derived from the microbiome. Role: Investigator (PI:Gordon-Larsen) \$659,008. 0% effort.

2014-2020 NIMH R01Gut-Microbiome-Brain Interactions and Mental Health. Role: Investigator. (PI: Rebecca Santelli) (\$681,909), 10% effort.

2012-2018 NIH/NICHD R01, “Mothers and Others: Family-based Obesity Prevention for Infants and Toddlers.” Role: Investigator (2015-2018). (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.

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.

*Internal*

2015-2018 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.

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.

2013-2015 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.

2013-2014 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 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). 0% effort.
- 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). 0% effort.
- 2009 Center for Global Initiatives, Curriculum Development Grant, University of North Carolina, (\$2000 direct). 0% effort.
- 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.

#### *Mentored Graduate Student Fellowships and Grants*

- 2018-2019 National Science Foundation Doctoral Dissertation Research: International Migration and Health: Purepecha in the U.S. and Mexico. (co-PI: Isaura Godinez) (\$30,724), 0% effort
- 2017-2018 National Science Foundation Doctoral Dissertation Research: Intergenerational Effects of Maternal Stress in the Galapagos Islands (co-PI: Johanna Jahnke) (\$25,194), 0% effort.
- 2017-2018 National Science Foundation Doctoral Dissertation Research: Iron, infection, and malnutrition in Lima, Peru (co-PI: Achsa Dorsey) (\$25,116), 0% effort.
- 2017-2018 Fahs-Beck Fund for Research and Experimentation: The influence of infant-caregiver feeding interactions on diet, growth, and metabolic development (co-PI with Katherine Barrett) (\$5,000). 0% effort.
- 2017 Triangle Center for Evolutionary Medicine (TriCEM): An evolutionary approach to understanding Iron Deficiency and its relationship to morbidity in women and children in Peru. Role: Mentor. (PI: Achsa Dorsey). \$15,500. 0% effort.
- 2016-2018 National Science Foundation Doctoral Dissertation Research: The Influence of Infant-Caregiver Feeding Interactions on Diet and Growth, Role: Co-PI (PI: Katherine Barrett) (\$19,840.00), 0% effort
- 2014-2015 Wenner Gren Dissertation Fieldwork Grant, Wenner-Gren Foundation (PI: Kelly Houck) (\$17,470), 0% effort.
- 2013-2015 National Science Foundation Doctoral Dissertation Research: New Dual Burden Life History Theory Tradeoffs: Childhood Gut Immune Function and Overnutrition in the Galápagos. Role: Co-PI (PI: Kelly Houck) (\$22,250.00), 0% effort.

#### **Memberships**

Human Biology Association  
American Society of Nutrition  
American Association of Physical Anthropologists  
American Anthropological Association

**Service**

***Discipline***

Associate Editor, *Evolution, Medicine and Public Health*, 2020-present  
Associate Editor, *American Journal of Human Biology*, 2021- present  
Editorial Board Member, *American Journal of Human Biology*, 2015-2020  
Editorial Board Member, *American Journal of Physical Anthropology*, 2019-present  
Editorial Board Member, *Annals of Human Biology*, 2017-present  
Editorial Board Member, Subject Editor, *Journal of Biosocial Science* 2018-present  
Advisory Board Member, Triangle Center for Evolutionary Medicine  
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  
Reviewer, Graduate Research Fellowship Program (GRFP), National Science Foundation  
Reviewer, Biological Anthropology Senior Panel, National Science Foundation (2017-2019)  
Ad Hoc Grant Reviewer, National Science Foundation, National Institutes of Health, Canadian Institute for Health Research  
Ad Hoc Journal Reviewer, *American Journal of Human Biology*, *American Journal of Physical Anthropology*, *Current Anthropology*, *Social Science and Medicine*, *Annals of Human Biology*, *Evolution, Medicine, and Public Health*, *Lancet*, *American Journal of Clinical Nutrition*, *Journal of Nutrition*, *PNAS*, *Health and Place*, *Pediatrics*, *International Journal of Obesity*, *Pediatric Obesity*, *PLOS One*, *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 Chair, 2016-2018, 2019-present  
Associate Director of Graduate Studies, 2014-2016  
Department IRB Liaison, 2010-2014  
Curriculum Committee, 2012-2013, 2018-2019  
Graduate Studies Committee, 2011- 2012  
Committee Member, Graduate Admissions Committee, 2010, 2013-2017  
Committee Member, Communications Committee, 2009-2011  
Committee Member, Governance Committee, 2009

***Department of Nutrition***

Nutrition Obesity Research Center (NORC), Internal Advisory Committee, member, 2020-  
Faculty Development Committee, 2017-present  
Nutrition Epidemiology Division PhD Exam Committee, 2018

***Carolina Population Center***

Development Core Director, 2021  
Advisory Council, member, 2020-present  
Committee Member, Training Program Committee, 2009-2019

***University***

Vice Chair, Advisory Board, Galapagos Science Center  
Curriculum 2019 Committee, Spring 2017  
Grant reviewer, Graduate School  
Internal reviewer, INCLUDES grant panel  
Faculty Council, Social Science Untenured Representative, July 2013-June 2016