

Barbara Ann Piperata

Department of Anthropology
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Education

- Ph.D. Anthropology, University of Colorado-Boulder
Dissertation Title: *The Energetics of Lactation Among Tropical Horticulturists in the Brazilian Amazon*
- M.A. Anthropology, University of Colorado, Boulder
Master's Thesis Title: *Anthropometric characteristics of pregnant women in Cali, Colombia and their relation to infant birth weight*
- B.S. Biology, University of New Mexico

Fields of Specialization

Nutritional Anthropology, Food Security, Maternal-Child Health, Breastfeeding, Poverty and Health, Biocultural Approaches, Life History Theory, Latin America, Brazil, Nicaragua, Amazon.

Academic Appointments

- Professor, The Ohio State University, 2020 – present
Associate Professor, The Ohio State University, 2012 – 2020
Assistant Professor, The Ohio State University, 2006 – 2012
Lecturer, University of Colorado-Boulder, 2006

Affiliations

- Faculty Affiliate, Institute for Infectious Disease, 2016-present.
Faculty Affiliate, Initiative for Food and AgriCultural Transformation (InFact), 2013-present
Faculty Affiliate, The Ohio State University, Food Innovations Center (FIC), 2012-present.
Department of Women's Studies, The Ohio State University, 2009 – present.
Faculty Affiliate, The Ohio State University International Poverty Solutions Collaborative (IPSC), 2009 – 2012.
Faculty Affiliate, The Ohio State University Institute for Population Research (IPR), 2006 – present.
Center for Latin American Studies (CLAS), The Ohio State University, 2006 – present.

Journal Articles (Peer-Reviewed)

*denotes graduate and undergraduate co-authorship

- Brewis AA, **Piperata BA**, Thompson AL, Wutich A. 2020. Localizing resource insecurities: A biocultural perspective on water and wellbeing. *WIREs Water* e1440. DOI: 10.1002/wat2.1440.
- Piperata BA**, Lee S, *Mayta A, *Cary A, Vilchez S, *Oruganti P, Garabed R, Wilson W, Lee J. 2020. Water insecurity and the composition and diversity of the gut microbiome of rural Nicaraguan children. *American Journal of Human Biology*, 32(1): e23371. DOI: 0.1002/ajhb.23371.
- Piperata BA**, Salazar VM, Schmeer KK, Herrera Rodriguez A. 2020. Tranquility is a child with a full belly: Pathways linking food insecurity and maternal mental health in Nicaragua. *Ecology of Food and Nutrition*, 59(1): 79-103. DOI: 10.1080/03670244.2019.1671835.
- Wilson WW, Bulkan J, **Piperata BA**, Hicks K. 2019. Secular trends in adult stature among the Makushi of Guyana in the 20th Century. *American Journal of Human Biology* 31(5):1-9. DOI:10.1002/ajhb.23285
- Da Gloria P, **Piperata BA**. 2019. Modos de vida dos ribeirinhos da Amazônia sob uma abordagem biocultural. *Ciência e Cultura* 17(2): 45-51.
- Dufour DL, **Piperata BA**. 2018. Reflections on nutrition in biological anthropology. *American Journal of Physical Anthropology* 165(4): 855-864.
- Schmeer KK, **Piperata BA**. 2017. Household food insecurity and child health. *Maternal & Child Nutrition* 13 e12301. DOI: 10.1111/mcn.12301.
- Piperata BA**, McSweeney K, Murrieta RSS. 2016. Conditional Cash Transfers, Food Security and Health: biocultural insights for poverty-alleviation policy from the Brazilian Amazon. *Current Anthropology* 57(6):806-826.
- Piperata BA**, Schmeer KK, Herrera Rodriguez A, Salazar Torres VM. 2016. Food insecurity and maternal mental health in Nicaragua: potential limitations on the moderating role of social support. *Social Science & Medicine* 171:9-17.
- *Healy-Profítos J, **Piperata BA**, Moritz M, Gundich M, Lee J, Mouhaman A, Garabed R, Lee S. 2016. Water quality in Cameroon: Anthropologists have a place in One Health research. *Practicing Anthropology* 38(4): 27-30.
- Dufour DL, **Piperata BA**, Murrieta RSS, Wilson WW, Williams DD. 2016. Amazonian foods: implications for human biology. *Annals of Human Biology* 46: 330-348.
- *Healy Profitós J, Lee S, Mouhaman A, Garabed R, Moritz M, **Piperata BA**, Lee J. 2016. Neighborhood diversity of potentially pathogenic bacteria in drinking water from the city of Maroua, Cameroon. *Journal of Water and Health* 14(3):559-70.
- Silva HP, **Piperata BA**, Dufour DL. 2016. Human Biology of the Amazon. *Annals of Human Biology* 46:289-292.
- Schmeer KK, **Piperata BA**, Herrera Rodriguez A, Salazar Torres VM, Centena Cárdenas FJ. 2015. Maternal resources and household food security: evidence from Nicaragua. *Public Health Nutrition* 18: 2915-2924.
- *Healy Profitós J, Mouhaman A, Lee S, Garabed R, Moritz M, **Piperata BA**, Tien J, Bisesi M, Lee J. 2014. Muddying the Waters: A New Area of Concern for Drinking Water Contamination in Cameroon. *International Journal of Environmental Research and Public Health* 11: 12454-12472.

- Piperata BA**, Hubbe M, Schmeer KK. 2014. Intra-population variation in anemia status and its relationship to self-perceived health and income in the Mexican Family Life Survey: implications for bioarchaeology. *American Journal of Physical Anthropology* 155: 210-220.
- Vercellotti G, **Piperata BA**, Agnew AM, Wilson WM, Dufour DL, Boano R, Justus HM, Larsen CS, Stout SD, Sciulli PW. 2014. Exploring the multidimensionality of stature variation in the past through comparisons of archaeological and living populations. *American Journal of Physical Anthropology* 155: 229-242.
- Piperata BA**, Schmeer KK, Hadley C, *Ritchie-Ewing G. 2013. Dietary inequalities of mother-child pairs in the rural Amazon: Evidence of maternal-child buffering? *Social Science and Medicine* 96: 183-191.
- Adams C, Munari LC, Van Vliet N, Murrieta RSS, **Piperata BA**, Futemma C, Pedroso Jr. N, Taqueda C, Crevelaro MA, Spressola V. 2013. Diversifying incomes and losing landscape complexity in *Quilombo* shifting cultivation communities from the Atlantic Rainforest (Brazil). *Human Ecology*. 41: 119-137.
- Vercellotti G, **Piperata BA**. 2012. The use of biocultural data in interpreting sex differences in body proportions among rural Amazonians. *American Journal of Physical Anthropology* 147:113-127.
- Wilson W, Bulkan J, **Piperata B**, Hicks K, Ehlers P. 2011. Nutritional status of Makushi Amerindian Children and Adolescents of Guyana. *Annals of Human Biology*, 38:615-629.
- Piperata BA**, *Spence JE, da Gloria P, Hubbe M. 2011. The nutrition transition in Amazonia: Rapid economic change and its impact on growth and development in Ribeirinhos. *American Journal of Physical Anthropology*, 146:1-13.
- Piperata BA**, *Ivanova SA, *da Gloria P, *Veiga G, *Polsky A,* Spence JE, Murrieta RSS. 2011. Nutrition in transition: dietary patterns of rural Amazonian women during a period of economic change. *American Journal of Human Biology*, 23:458-469.
- Piperata BA**, *Gooden Mattern L. 2011. Longitudinal study of breastfeeding structure and women's work in the Brazilian Amazon. *American Journal of Physical Anthropology*, 144:226-237.
- Piperata BA**. 2009. Variation in maternal strategies during lactation: the role of the biosocial context. *American Journal of Human Biology*, 21:817-827.
- Piperata BA**. 2008. Forty days and forty nights: A biocultural perspective on postpartum practices in the Amazon. *Social Science and Medicine*, 67:1094-1103.
- Dufour DL, **Piperata BA**. 2008. Energy expenditure among farmers in developing countries: What do we know? *American Journal of Human Biology* 20:249-258.
- Piperata BA**. 2007. The nutritional status of *Ribeirinhos* in Brazil and the nutrition transition. *American Journal of Physical Anthropology* 133:868-878.
- Piperata BA**, Dufour DL. 2007. Diet, energy expenditure and body composition of lactating Ribeirinha women in the Brazilian Amazon. *American Journal of Human Biology* 19:722-34.
- Dufour DL, **Piperata BA**. 2004. Rural-to-urban migration in Latin America: An update and thoughts on the model. *American Journal of Human Biology* 16:395-404.
- Piperata BA**, Dufour DL, Reina JC, Spurr GB. 2001. Anthropometric characteristics of pregnant women in Cali, Colombia and their relation to infant birth weight. *American Journal of Human Biology* 14:29-38.

Editorials

Piperata BA. 2014. Commentary: Food, Water and Scarcity: Toward a Broader Anthropology of Resource Insecurity. *Current Anthropology* 55 (4): 457-458.

Book Chapters

*denotes graduate and undergraduate co-authorship

Adams, IKR; **Piperata, BA.**, Woods-Dawson, J. 2020. Diet Quality Among African Americans. In: Wilson L, editor, *Healthy Lifestyles and Healthy Eating*. Nova Science Publishers, Inc. pp. 1-57.

Adams C, **Piperata B.A.** 2020. *Transição Nutricional e Epidemiológica na Amazônia*. In: Diagnóstico povos indígenas e comunidades locais tradicionais no Brasil: Contribuições para a biodiversidade, ameaças e políticas públicas. Sociedade Brasileira para o Progresso da Ciência.

Piperata BA. 2019. Filling the belly and feeding the mind? Brazil's *Bolsa Familia* Program and the building of children's human capital in rural Amazonia. In: Elisa Maria Balen and Martin Fotta, editors. *Money from the government in Latin America: Conditional cash transfer policies and rural lives*. Routledge. pp 44-62.

Piperata BA. 2018. Basal Metabolism: geographic variation. In: The International Encyclopedia of Biological Anthropology (IEBA). Wiley.

Piperata BA, Dufour DL. 2018. "On the lookout: The use of direct observation in nutritional anthropology". In: Brett J and Chrzan J, editors. *Food Culture: Anthropology, Linguistics and Food Studies (Research Methods for Anthropological Studies of Food and Nutrition)*. New York: Berghahn Books. pp 81-91.

Dufour DL, **Piperata BA.** 2017. "Design in biocultural studies of food and nutritional anthropology." In: Brett J and Chrzan J, editors. *Food research: Nutritional anthropology and archaeological methods (Research Methods for Anthropological Studies of Food and Nutrition)*. New York: Berghahn Books. pp 31-43.

Adams C, **Piperata BA.** 2014. Ecologia Humana, Saúde e Nutrição na Amazônia. In: Guimarães Viera IC, Mann de Toledo, P, Araújo Oliveira Santos Jr. R, editors. *Ambiente e Sociedade na Amazônia: Uma Abordagem Interdisciplinar*. Belém: Museu Paraense Emílio Goeldi. pp

Piperata BA. 1995. La prospección Del Sitio San Jose Robleto, San Marcos, Carazo, Nicaragua. In: Lange FW, editor. *Descubriendo Las Huellas De Nuestros Antepasados*. Managua: Museo Nacional de Nicaragua. p 61-69.

Piperata BA and Kokaly RF. 1995. Sitio con Petroglifos en San Marcos, Sitio N-CA-4. In Lange FW, editor. *Descubriendo Las Huellas De Nuestros Antepasados*. Managua: Museo Nacional de Nicaragua. p 83-90.

Manuscripts in Review

*denotes graduate and undergraduate co-authorship

Manuscripts in Preparation

*denotes graduate and undergraduate co-authorship

Piperata BA, Dufour DL. (Invited). Food insecurity, nutritional inequality and health: A biocultural agenda for filling knowledge gaps. *Annual Review of Anthropology*.

- Piperata BA**, Scaggs S, Adams I. (Invited). Measuring food insecurity: methodological approaches for human biologists and health scientists. *American Journal of Human Biology*.
- *Hardin D, DeCaro J, *Gaitán-Arróliga GF, *Hoehn H, *Brown GE, Wilson W, Schmeer KK, **Piperata BA**. Incongruence between self-perceived health and risk of chronic disease among rural Nicaraguan women experiencing the epidemiological transition. *Annals of Human Biology*.
- *Brown GE, *Hoehn N, DeCaro J, **Piperata BA**, Schmeer K, Wilson WM. Environmental enteric dysfunction: Is it associated with growth in children under 2 years of age living in rural Nicaragua? *American Journal of Human Biology*.
- *Rudkoski AK, McLennan J, *Brown GE, *Hoehn N, **Piperata BA**, Schmeer KK, Wilson WM. Social support and maternal mental health in rural Nicaragua. *Social Science & Medicine*.
- *Wolfe EJ, **Piperata BA**, Schmeer KK, *Cary AS, Herrera-Rodriguez A, Salazar-Torres VM. Exploring the relationship between children's dietary adequacy and maternal perceptions of food insecurity in Nicaragua. *American Journal of Physical Anthropology*.
- Piperata BA**, *Cary A, Schmeer KK, *Wolfe-Sherrie E, Herrera Rodriguez A, Gaitán-Arróliga GF, Salazar Torres VM. The meat of the matter: the relative importance of nutritional and cultural sufficiency of the diet for perceptions of food security. *Appetite*.

Published Abstracts

*denotes graduate and undergraduate co-authorship

- Piperata BA**, Lee J, Lee S, *Mayta A, *Cary A, *Oruganti P, Garabed R, Wilson W. 2019. Exploring the relationship between water insecurity and the composition and diversity of the gut microbiome of rural Nicaraguan children. *American Journal of Human Biology* (31):40.
- Schmeer KK, DeCaro J, **Piperata BA**, Wilson W, *Hoehn N, *Brown G. 2019. Maternal distress and child inflammation in a high poverty setting. *American Journal of Human Biology* (30):47.
- Da-Gloria P, **Piperata BA**, Hoffman C, Simionatto MR, Oliveira R, Nogueira FN. 2019. Oral health in a rural population of the Brazilian Amazon: Implications for interpretation of dental caries in the past. *American Journal of Physical Anthropology* 168(S68):52.
- *Ritchie-Ewing GT, **Piperata BA**. 2019. How conflicting messages during pregnancy affect U.S. women's self-reported and biological stress levels. *American Journal of Physical Anthropology* 168(S68):204.
- *Wright H, Shepard G, **Piperata BA**. 2019. Sedentism and dietary variation among the semi-nomadic Naduhup of the northwest Amazon. *American Journal of Physical Anthropology* 168(S68):274.
- Spence JE, Guatelli-Steinberg D, **Piperata BA**, Floyd B, Silva HP. 2019. Infant condition and the timing of deciduous tooth emergence in the Brazilian Amazon. *American Journal of Physical Anthropology* 168(S68):235.
- *Cary A, **Piperata BA**, *Wolfe EJ, *Gaitán-Arróliga GF, Schmeer KK, Herrera-Rodriguez A, Salazar-Torres VM. 2018. Perceived food insecurity, dietary quality, and nutritional adequacy among low-income Nicaraguan women. *American Journal of Human Biology* 30(2):8.
- Gaitán-Arróliga GF, Piperata BA, *Hoehn H, *Brown GE, Schmeer KK, DeCaro J, Wilson W. 2018. Disconnect between self-perceived health and risk of chronic disease among rural Nicaraguan women experiencing the nutrition transition. *American Journal of Human*

- Biology* 30(2):13.
- *Hoehn N, DeCaro J, **Piperata B**, Schmeer K, *Rudkoski AK, *Brown GE, Wilson W. 2018. Maternal mental health and child allostatic load in rural Nicaragua. *American Journal of Human Biology* 30(2):18
- *Ritchie-Ewing G, **Piperata BA**. 2018. Connections between perceived and biological measures of stress in early pregnancy in a sample of US women. *American Journal of Human Biology* 30(2):36.
- *Spence J, Guatelli-Steinberg D, **Piperata B**, Floyd B, Silva HP. 2018. Deciduous tooth emergence and infant feeding practices in the Brazilian Amazon. *American Journal of Human Biology* 30(2):42.
- *Wolfe EJ, **Piperata BA**, *Cary AS, Gaitan-Arroliga GF, Schmeer KK, Herrera-Rodriguez A, Salazar-Torres AM. 2018. Exploring the relationship between children's dietary adequacy and maternal perceptions of food insecurity in Nicaragua. *American Journal of Human Biology* 30(2):48.
- Piperata BA**, Schmeer KK, AH Rodriguez, VM Salazar Torres. 2017. Food insecurity and maternal mental distress in Nicaragua: Potential limitations on the moderating role of social support. *American Journal of Human Biology* 29:36-37.
- *Cary A, **Piperata BA**, Schmeer KK, Hubbe M, Herrera Rodriguez A, Salazar Torres VM. 2017. The meaning of dietary diversity: Cultural ideals and food insecurity in Nicaragua. *American Journal of Human Biology* 29:7-8.
- *Brown GE, *Hoehn NC, DeCaro J, **Piperata BA**, Schmeer KK, WM Wilson. 2017. Linking growth and gut function: environmental enteropathy in children under 2 years in rural Nicaragua. *American Journal of Human Biology* 29:6-7.
- *Spence JE, Floyd D, Guatelli-Steinberg D, **Piperata B**. 2017. Can the Timing of Deciduous Tooth Emergence be Partially Accounted for by Mother's Past or Current Circumstances? *American Journal of Physical Anthropology* 162(S64):366-367.
- Piperata BA**, *Nagarajan T, Schmeer KK, Hubbe M, *Leeper H, Body A, Herrera A, Castrillo ME. 2015. Dietary patterns of Nicaraguan children and their relationship to maternal perceptions of household food security. *American Journal of Human Biology* 27: 281-282.
- Piperata BA**. 2014. Nutrition in Transition: Dietary Strategies and Health Status of Ribeirinhos in the 21st Century. *American Journal of Physical Anthropology* 153(S58): 208-209
- Piperata BA**, Schmeer KK. 2014. Variation in the relationship between food insecurity and health among mother-child pairs in León, Nicaragua. *American Journal of Human Biology* 26(2): 277.
- Vercellotti G, Wilson WM, **Piperata BA**. 2014. An analysis of body proportions of adult Makushi Amerindians of Guyana: Sex differences, growth retardation, and distinct female morphotypes. *American Journal of Human Biology* 26(2): 285.
- Piperata BA**, Hubbe M, Schmeer KK. 2013. Intra-household variation in anemia status and its relationship with self-perceived health in the Mexican Family Life Survey: Implications for Bioarchaeology. *American Journal of Physical Anthropology* 150:222.
- *Tranter M, **Piperata BA**. 2013. Dietary patterns of rural children living in food insecure households in the Brazilian Amazon. *American Journal of Human Biology* 25:278.
- *Ritchie-Ewing GT, **Piperata BA**. 2012. Household food consumption of Ribeirinhos, eastern Amazon, Brazil. *American Journal of Human Biology* 24: 240.

- Piperata BA**, Guatelli-Steinberg D. 2011. Offsetting the costs of reproduction: the role of social support in human evolution. *American Journal of Physical Anthropology* 144 (suppl):239
- *Spresola-Prado V, Murrieta R, Adams C, **Piperata BA**. 2011. Socioeconomic changes, ecology and nutrition transition in Quilombola communities in southern Brazil. *Appetite* 56: 545.
- *Ivanova SA, **Piperata BA**. 2010. Dietary intake among Ribeirinha women in the eastern Amazon: Evidence of a nutrition transition? *American Journal of Human Biology* 22:257-258
- *Spence, JE, **Piperata BA**. 2010. Economic change and nutritional status of Ribeirinhos, eastern Amazon, Brazil. *American Journal of Human Biology* 22:270-271.
- *Gooden LM, **Piperata BA**. 2009. Breastfeeding patterns among tropical horticulturists in the Brazilian Amazon. *American Journal of Human Biology* 21:255.
- Piperata BA**. 2008. Understanding variation in maternal energetics during lactation among subsistence farmers in the eastern Amazon. *American Journal of Physical Anthropology* 46: 172S.
- Dufour DL, **Piperata BA**. 2007. Physical activity and energy expenditure in the tropics: What do we know? *American Journal of Human Biology* 19:292.
- Piperata BA**. 2006. Nutritional status of tropical horticulturists involved in the market economy in the lower Amazon, Brazil. *American Journal of Physical Anthropology* 42 (suppl.): 147.
- Williams H, Dufour DL, **Piperata B**. 2006. Work efficiency in lactating women. *American Journal of Human Biology* 18:280-281.
- Piperata BA**, Dufour DL. 2005. The energetics of lactation among tropical horticulturists in the Brazilian Amazon. *American Journal of Human Biology* 17: 252.
- Piperata BA**, Dufour DL. 2003. Forty days and forty nights: Biocultural perspectives on the energetics of the immediate postpartum period among subsistence horticulturists in the Brazilian Amazon. *American Journal of Physical Anthropology* 123:160.
- Piperata BA**, Fogaço de Assis Montag L, Ribeiro Silva F, Borges Barthem R. 2003. Fishing strategies of traditional riverine populations living in and around the Caxiuanã National Forest. *Proceedings of the Joint Meeting of Ichthyologists and Herpetologists* p 48.
- Piperata BA**, Dufour DL, Batistoni e Silva M. 2003. Reproductive life history characteristics of tropical horticultural women living in the lower Brazilian Amazon. *American Journal of Human Biology* 15:280.
- Wilson WM, **Piperata BA**, Forte J. 2001. Birth order and growth among Makushi Indians of Guyana. *American Journal of Human Biology* 13:145.
- Piperata BA**, Dufour DL, Reina JC, Spurr GB. 1999. Anthropometry, energy expenditure, and dietary intake of Colombian women during lactation. *American Journal of Human Biology* 11:127.
- Piperata BA**, Dufour DL, Reina JC, Spurr GB. 1998. Anthropometric characteristics of pregnant women in Cali, Colombia and their relation to infant birth weight. *American Journal of Human Biology* 10:133.

Presentations at Professional Meetings

- Piperata BA**, Lee J, Lee S, *Mayta A, *Cary A, *Oruganti P, Garabed R, Wilson W. 2019.

- Exploring the relationship between water insecurity and the composition and diversity of the gut microbiome of rural Nicaraguan children. Poster presented at the 44th Annual Meetings of the Human Biology Association, Cleveland, OH, March 27-28.
- *Ritchie-Ewing GT, **Piperata BA**. 2019. How conflicting messages during pregnancy affect U.S. women's self-reported and biological stress levels. Poster presented at the 88th Annual Meetings of the American Association of Physical Anthropologists, Cleveland, OH, March 27-30.
- Schmeer KK, DeCaro J, **Piperata BA**, Wilson W, *Hoehn N, *Brown G. 2019. Maternal distress and child inflammation in a high poverty setting. Poster presented at the 44th Annual Meetings of the Human Biology Association, Cleveland, OH, March 27-28.
- *Wright H, Shepard G, **Piperata BA**. 2019. (Invited). Sedentism and dietary variation among the semi-nomadic Naduhup of the northwest Amazon. Poster presented at the 88th Annual Meetings of the American Association of Physical Anthropologists, Cleveland, OH, March 27-30.
- *Spence JE, Guatelli-Steinberg D, **Piperata BA**, Floyd B, Silva HP. 2019. (Invited). Infant condition and the timing of deciduous tooth emergence in the Brazilian Amazon. Poster presented at the 88th Annual Meetings of the American Association of Physical Anthropologists, Cleveland, OH, March 27-30.
- Schmeer KK, DeCaro J, **Piperata BA**, Wilson W. 2019. (Invited). Maternal distress and child inflammation in a high stress setting. Paper presented at the Society for Research on Child Development, Baltimore, MD, March 21-23.
- Shain R, Tomu T, **Piperata BA**. 2019. A, B, or C: How uncompromising public health messaging on safe infant sleep is renegotiated in the home. Poster presented at the annual meeting of the Society for Applied Anthropology, Portland, OR, March 19-23.
- Hoffmann-Sarda FA, Rizzuto Gomes L, Carriero MR, Da Silva Lima F, Piperata B, Wenzel De Menezes E, Da Gloria PJT, Hoffmann C. 2018. Two sides of Brazil: the Gut Microbiome of an Amazon Riverine Population is Markedly Distinct from that of São Paulo Metropolitan Individuals. Paper presented at 7th Annual International Human Microbiome Consortium Meetings, Killarney Ireland, Jun 26-28.
- Tomu, T, Shain R, **Piperata BA**. 2018. Exploring Sleeping Patterns Among African American Infants and Their Relationship to Public Health Messaging. Paper presented at the 78th Annual Meeting of the Society for Applied Anthropology, Philadelphia, PA, April 3-7.
- Gaitán GF, **Piperata BA**, Hoehn N, Brown GE, Schmeer KK, DeCaro J, Wilson W. 2018. Disconnect between self-perceived health and risk of chronic disease among rural Nicaraguan women experiencing the nutrition transition. Paper presented at the 78th Annual Meeting of the Society for Applied Anthropology, Philadelphia, PA, April 3-7.
- Cary A, **Piperata BA**, Wolfe EJ, Gaitán-Arróliga GF, Schmeer KK, Herrera-Rodriguez A, Salazar-Torres VM. 2018. Perceived food insecurity, dietary quality, and nutritional adequacy among low income Nicaraguan women. Paper presented at the 43rd Annual Meetings of the Human Biology Association, Austin TX, April 11-13.
- Gaitán GF, **Piperata BA**, Hoehn H, Brown GE, Schmeer KK, DeCaro J, Wilson W. 2018. Disconnect between self-perceived health and risk of chronic disease among rural Nicaraguan women experiencing the nutrition transition. Poster presented at the 43rd Annual Meetings of the Human Biology Association, Austin TX, April 11-13.
- Hoehn N, DeCaro J, **Piperata B**, Schmeer K, Rudkoski AK, Brown GE, Wilson W. 2018. Maternal mental health and child allostatic load in rural Nicaragua. Paper presented at the

- 43nd Annual Meetings of the Human Biology Association, Austin TX, April 11-13.
- Ritchie-Ewing G, **Piperata BA**. 2018. Connections between perceived and biological measures of stress in early pregnancy in a sample of US women. Poster presented at the 43nd Annual Meetings of the Human Biology Association, Austin TX, April 11-13.
- Spence J, Guatelli-Steinberg D, **Piperata B**, Floyd B, Silva HP. 2018. Deciduous tooth emergence and infant feeding practices in the Brazilian Amazon. Poster presented at the 43nd Annual Meetings of the Human Biology Association, Austin TX, April 11-13.
- Wolfe EJ, **Piperata BA**, Cary AS, Gaitan-Arroliga GF, Schmeer KK, Herrera-Rodriguez A, Salazar-Torres AM. 2018. Exploring the relationship between children's dietary adequacy and maternal perceptions of food insecurity in Nicaragua. Poster presented at the 43nd Annual Meetings of the Human Biology Association, Austin TX, April 11-13.
- Piperata BA**. 2017. (Invited). Traditional peoples' health in a changing political landscape: Social action, movements, and policy in Brazil. Paper presented at the 116th Annual Meeting of the American Anthropological Association, Washington D.C., Nov 29-Dec 3.
- Piperata BA**, Schmeer KK, AH Rodriguez, VM Salazar Torres. 2017. Food insecurity and maternal mental distress in Nicaragua: Potential limitations on the moderating role of social support. Paper presented at the 42nd Annual Meetings of the Human Biology Association, New Orleans LA, April 19-21
- Cary A, **Piperata BA**, Schmeer KK, Hubbe M, Herrera Rodriguez A, Salazar Torres VM. 2017. The meaning of dietary diversity: Cultural ideals and food insecurity in Nicaragua. Poster presented at the 42nd Annual Meetings of the Human Biology Association, New Orleans LA, April 19-21.
- Brown GE, Hoehn NC, DeCaro J, **Piperata BA**, Schmeer KK, WM Wilson. 2017. Linking growth and gut function: environmental enteropathy in children under 2 years in rural Nicaragua. Paper presented at the 42nd Annual Meetings of the Human Biology Association, New Orleans LA, April 19-21.
- Spence JE, Floyd D, Guatelli-Steinberg D, **Piperata B**. 2017. Can the Timing of Deciduous Tooth Emergence be Partially Accounted for by Mother's Past or Current Circumstances? Poster presented at the 86th Annual Meeting of the American Association of Physical Anthropologists, New Orleans LA, April 19-22.
- Ritchie-Ewing GT, **Piperata BA**. 2016. Competing Cultural Models of Pregnancy and Childbirth in the United States. Paper presented at the 115th Annual Meeting of the American Anthropological Association, Minneapolis MN, November 16-20.
- Da-Gloria P, **Piperata BA**, Nogueira FN, Oliveira RE, Hoffmann C, Simionato, MRL. 2016. Oral Health of Riverine populations of the medium Solimões River, Amazonas. Paper presented at the XIV Congreso de la Asociación Latinoamericana de Antropología Biológica, Tacuarembó, Uruguay, October 18-21.
- Piperata BA**, McSweeney K. 2016. (Invited). Conditional Cash Transfers and the Rural Household Economy: Understanding Bolsa Familia's underperformance in the Brazilian Amazon. Paper presented at the 14th Biennial Conference of the European Association of Social Anthropologists (EASA), Milan, Italy July 20-23.
- Brown GE, Hoehn N, **Piperata BA**, Schmeer KK, DeCaro J, Wilson WM. 2016. The challenges of defining and operationalizing "health" in different cultural contexts. Poster presented at the 76th Annual Meeting of the Society for Applied Anthropology, Vancouver, Canada March 29-April 2.

- Rudkoski A, Brown G, Hoehn N, **Piperata BA**, Schmeer KK, Wilson WM. 2016. Maternal mental health and child health in rural Nicaragua. Poster presented at the 76th Annual Meeting of the Society for Applied Anthropology, Vancouver, Canada March 29-April 2.
- Piperata BA**, Nagarajan T, Schmeer KK, Hubbe M, Leeper H, Body A, Herrera A, Castrillo ME. 2015. Dietary patterns of Nicaraguan children and their relationship to maternal perceptions of household food security. Poster presented at the 40th Annual Meeting of the Human Biology Association, St. Louis, MO, March 23-25.
- Schmeer KK, **Piperata B**, Herrera Rodrigues A, Salazar Torres VM. 2015. Maternal Resources and Household Food Security: Evidence from Nicaragua. Paper presented at the Annual Meeting of the Population Association of America, San Diego, CA, April 30-May 2
- Piperata BA**. 2014. (Invited) Keynote Address: La Nutrición en Transición en América Latina: Una Perspectiva Biocultural. Asociación Latinoamericana de Antropología Biológica. Santiago, Chile October 15-18.
- Piperata BA**. 2014. Nutrition in Transition: Dietary Strategies and Health Status of Ribeirinhos in the 21st Century. Poster presented at the 83rd Annual Meeting of the American Association of Physical Anthropologists, Calgary, Canada, April 9-12
- Piperata BA**, Schmeer KK. 2014. Variation in the relationship between food insecurity and health among mother-child pairs in León, Nicaragua. Poster presented at the 39th Annual Meeting of the Human Biology Association, Calgary, Canada, April 9-12.
- Vercellotti G, Wilson WM, **Piperata BA**. 2014. An analysis of body proportions of adult Makushi Amerindians of Guyana: Sex differences, growth retardation, and distinct female morphotypes. Poster presented at the 39th Annual Meeting of the Human Biology Association, Calgary, Canada, April 9-10.
- Piperata BA**, McSweeney K. 2013. Bolsa Família and the changing meaning of poverty in the rural Amazon. Paper presented at the 112th Annual Meeting of the American Anthropological Association, Chicago, IL, November 19-24.
- Piperata BA**, Hubbe M, Schmeer KK. 2013. (Invited). Intra-household variation in anemia status and its relationship with self-perceived health in the Mexican Family Life Survey: Implications for Bioarchaeology. Paper presented at the 82nd Annual Meeting of the American Association of Physical Anthropologists, Knoxville, TN, April 10-13.
- Tranter M, **Piperata BA**. 2013. Dietary patterns of rural children living in food insecure households in the Brazilian Amazon. Poster presented at the 38th Annual Meeting of the Human Biology Association, Knoxville, TN, April 9-11.
- Ritchie-Ewing GT, **Piperata BA**. 2012. Household food consumption of Ribeirinhos, eastern Amazon, Brazil. Paper presented at the 37th Annual Meeting of the Human Biology Association, Portland OR April 11-12.
- Piperata BA**. 2012. (Invited). Food Security and Health among Amazonian Peasants in a Time of Economic Change. Food, Water, and the Environment Forum at the 4th International Ecosummit. Columbus, OH September 30-October 5.
- Schmeer KK, **Piperata BA**, Ibañez L. 2012. (Invited). Household Determinants of Food Insecurity: Evidence from León, Nicaragua.” Food, Water, and the Environment Forum at the 4th International Ecosummit. Columbus, OH September 30-October 5.
- Piperata BA**. 2011. (Invited). Postpartum depression in evolutionary perspective: A consequence of reduction in social support? Paper to be presented at the 110th Annual Meeting of the American Anthropological Association, Montreal, QC, Canada, November 15-20.

- Piperata BA**, Guatelli-Steinberg D. 2011. (Invited). Offsetting the costs of reproduction: the role of social support in human evolution. Paper presented at the 80th Annual Meeting of the American Association of Physical Anthropologists. Minneapolis, MN. April 14-17.
- Spressola-Prado V, Murrieta R, Adams C, **Piperata BA**. 2010. Socioeconomic changes, ecology and nutrition transition in Quilombola communities in southern Brazil. Paper presented at the Joint Meeting of the Association for the Study of Food and Society (ASFS), Agriculture, Food, and Human Values Society (AFHVS), Society for the Anthropology of Food and Nutrition (SAFN). Bloomington, IN. June 2-5.
- Wilson W, Bulkan J, **Piperata B**, Hicks K. 2010. Secular trends in growth among adult Makushi Amerindians of Guyana. Paper presented at the 38th Annual Meeting of the Canadian Association for Physical Anthropology. Saskatoon, SK, Canada. October.
- Adams C, Murrieta RSS, Pedroso Jr. NN, Munari LC, Taqueda C, **Piperata B**, Abrahão M, Spressola V. 2010. (Invited). Transition in a shifting cultivation system in the Atlantic Rainforest (Brazil): changes in the landscape and livelihoods in the last five decades. Paper presented at the GLP Open Science Meeting: Land systems, global change and sustainability, Tempe, AZ, October 17-19.
- Ivanova SA, **Piperata BA**. 2010. Dietary intake among *Ribeirinha* women in the eastern Amazon: evidence of a nutrition transition? Paper presented at the 35th annual meeting of the Human Biology Association, Albuquerque, NM, April 13-14.
- Spence JE, **Piperata BA**. 2010. Economic change and nutritional status of *Ribeirinhos*, eastern Amazon, Brazil. Poster presented at the 35th annual meeting of the Human Biology Association, Albuquerque, NM, April 13-14.
- Piperata BA**. 2009. (Invited). The effect of a conditional cash transfer program on food security and dietary intake in tropical horticultural communities in the Brazilian Amazon. Paper presented at the 108th annual meeting of the American Anthropological Association, Philadelphia, PA, December 2-6.
- Gooden LM, **Piperata BA**. 2009. Breastfeeding patterns among tropical horticulturists in the Brazilian Amazon. Poster presented at the 34th annual meeting of the Human Biology Association, Chicago, IL, April 1-2.
- Piperata BA**, Guatelli-Steinberg D. 2009. (Invited) Life history, selection and the energetics of lactation. Paper presented at the annual meeting of the American Association for the Advancement of Science (AAAS), Chicago, IL, February 13-16.
- Adams C, Murrieta RSS, **Piperata BA**, Pedroso-Junior NN. 2008. Segurança alimentar e conservação ambiental: Primeiros apontamentos. Paper presented at the 4th Annual Meeting of the Associação Nacional de Pós-Graduação e Pesquisa em Ambiente e Sociedade. Direitos Humanos e a Conservação do Patrimônio Ambiental Global. Brasília, Brazil, June 4-6.
- Piperata BA**. 2008. Understanding variation in maternal energetics during lactation among subsistence farmers in the eastern Amazon. Paper presented at the 77th annual meeting of the American Association of Physical Anthropologists, Columbus, Ohio, April 9-12.
- Piperata BA**. 2007. (Invited). Producing and Reproducing: Dietary intakes, work patterns and nutritional status of lactating Ribeirinha women in the eastern Amazon. Paper presented at the 15th International Conference of the Society for Human Ecology, Rio de Janeiro, Brazil, October 5-8.
- Piperata BA**. 2007. (Invited). Economic change and nutritional status of tropical horticulturists in the eastern Amazon: a biocultural perspective. Paper presented at the 15th International Conference of the Society for Human Ecology, Rio de Janeiro, Brazil, October 5-8.

- Piperata BA.** 2007. 40 Days and 40 Nights: How cultural practices shape maternal dietary intake and work patterns during lactation. Paper presented at the Ohio Latin Americanist Conference, Columbus, Ohio, April 14.
- Dufour DL, **Piperata BA.** 2007. Physical activity and energy expenditure in the tropics: What do we know? Paper presented at the 32nd Annual Meeting of the Human Biology Association, Philadelphia, Pennsylvania, March 28-29.
- Piperata BA.** 2006. (Invited). The role of social support systems in helping rural, lactating women in the Brazilian Amazon meet their energy needs. Paper presented at the 105th Annual Meeting of the American Anthropological Association, San Jose, California, November 15-19.
- Piperata BA.** 2006. Nutritional status of tropical horticulturists involved in the market economy in the lower Amazon, Brazil. Paper presented at the 75th Annual Meeting of the American Association of Physical Anthropologists, Anchorage, Alaska, March 8-11.
- Williams H, Dufour DL, **Piperata BA.** 2006. Work efficiency in lactating women. Poster presented at the 31st Annual Meeting of the Human Biology Association, Anchorage, Alaska, March 8-9.
- Piperata BA.** 2005. Cultural ideals and daily practices: Dietary intake and activity patterns in the postpartum period and their implications for meeting the energy demands of lactation. Paper presented at the 104th Annual Meeting of the American Anthropological Association, Washington D.C., November 30-Dec 3.
- Piperata BA.** 2005. 40 dias y 40 noches: Estudio energético del periodo posparto inmediato de mujeres rurales de Amazonas. Paper presented at the 8th Coloquio Internacional de Antropología Física Juan Comas, Campeche, Mexico, November 7-11.
- Piperata BA** and Dufour DL. 2005. The energetics of lactation among subsistence horticulturists in the Brazilian Amazon. Paper presented at the 30th Annual Meeting of the Human Biology Association, Milwaukee, Wisconsin, April 6-7.
- Piperata BA** and Dufour DL. 2004. Forty days and forty nights: Biocultural perspectives on the energetics of the immediate postpartum period among subsistence horticulturists in the Brazilian Amazon. Paper presented at the 73rd Annual Meeting of the American Association of Physical Anthropologists, Tampa, Florida, April 14-17.
- Piperata BA,** Fogaço de Assis Montag L, Ribeiro Silva F, Borges Barthem R. 2003. Fishing strategies of traditional riverine populations living in and around the Caxiuanã National Forest. Poster presented at the Joint Meeting of Ichthyologists and Herpetologists, Manaus, Brazil, June 26 – July 1.
- Piperata BA,** Dufour DL and Batistoni e Silva M. 2003. Reproductive life history characteristics of tropical horticultural women living in the lower Brazilian Amazon. Poster presented at the 28th Annual Meeting of the Human Biology Association, Tempe, Arizona, April 25-27.
- Wilson WM, **Piperata BA,** Forte J. 2001. Birth order and growth among Makushi Indians of Guyana. Poster presented at the 26th Annual Meeting of the Human Biology Association, Kansas City, March 26-28.
- Wilson W, Forte J, **Piperata B.** 2001. Birth order, growth, and maternal depletion among the Makushi. Paper presented at the Annual Meetings of the Canadian Association of Physical Anthropologists. Winnipeg, October.

Piperata BA, Dufour DL, Reina JC, Spurr GB. 1999. Anthropometry, energy expenditure, and dietary intake of Colombian women during lactation. Poster presented at the 24th Annual Meeting of the Human Biology Association, Columbus Ohio, April 26-28.

Piperata BA, Dufour DL, Reina JC, Spurr GB. 1998. Anthropometric characteristics of pregnant women in Cali, Colombia and their relation to infant birth weight. Paper presented at the 23rd Annual Meeting of the Human Biology Association, Salt Lake City, March 30-April 1.

Sessions Organized at Professional Meetings

Hubbe M, **Piperata BA**. 2014. "Evolutionary anthropology in Brazil: Celebrating Dr. Walter Neves' contributions to modern human evolution, archaeology, bioarchaeology, and human ecology". 83rd Annual Meeting of the American Association of Physical Anthropologists, Calgary, Canada, April 8-12.

Piperata, BA, Murrieta RSS. 2006. Co-organized session "Rainforests in Transition: Health and Nutrition of Human Populations in Neotropical Forests". 75th Annual Meeting of the American Association of Physical Anthropologists, Anchorage, Alaska, March 8-11.

Workshops

2014 – "Indigenous well-being amid socioeconomic transformation" [Invited]. University of California Santa Barbara, Santa Barbara, March 14.

2010 – "Food Security and Mental Health" [Invited]. University of Kentucky, Lexington, October 13-15.

2009 – "Evolution and Diseases of Civilization" [Invited], Charité Universitätsmedizin, Berlin, Germany, October 12-15.

Invited Lectures

2020 – Food Insecurity and Mental Health: An Underexplored Global Health Concern. College of Arts and Sciences, Science Sundays Lecture Series, The Ohio State University.

2020 – How Food Insecurity Undermines Mental Health. College of Arts and Sciences, ASC Experience Day, The Ohio State University.

2019 – Tranquility is a Child with a Full Belly: Pathways Linking Food Insecurity and Maternal Mental Health in Nicaragua. Center for Global Health, Arizona State University.

2019 – Embedded Biologies: Contextualizing Maternal-Child Health from Rural Amazonia to Urban Nicaragua, Department of Anthropology, University of Colorado-Boulder.

2018 – Household Ecology and the Infant Gut Microbiome in Nicaragua. Global One Health Initiative (GOHi), The Ohio State University.

2018 – Biocultural dimensions of resource scarcity in Nicaragua: Implications for maternal-child Health. Department of Anthropology, Northwestern University.

2017 – Food Insecurity and Maternal Mental Distress in Nicaragua. Grand Rounds – School of Health and Rehabilitation Sciences, Wexner Medical Center, The Ohio State University.

2017 – Gender dynamics and maternal health in Nicaragua. College of Nursing, The Ohio State University.

2017 – Conditional Cash Transfers and the Rural Household Economy: Understanding Bolsa

- Familia's Underperformance in the Brazilian Amazon. Anthropology Club, The Ohio State University
- 2016 – Food insecurity and maternal mental health in León, Nicaragua: Potential limitations on the moderating role of social support. Institute for Population Research, The Ohio State University.
- 2015 – Mundança na dieta e segurança alimentar: a transição nutricional e o papel do Bolsa Família. Food Research Center (FoRC), Universidade de São Paulo, Brazil.
- 2015 – Transição nutricional: decifrando o papel do Bolsa Família na Amazônia. Department of Public Health, Universidade de São Paulo, Brazil.
- 2015 – Managing the costs of lactation in the Amazon: A biocultural investigation. Department of Biosciences, Universidade de São Paulo, Brazil.
- 2015 – Offsetting the costs of reproduction: the role of social support in human evolution. Department of Biology and Ecology, Universidade Federal do Pará, Brazil
- 2015 – Bolsa Família e a transição nutricional em comunidades ribeirinhas do Pará, Brasil, Department of Anthropology, Universidade Federal do Pará, Brazil.
- 2015 – Managing the costs of lactation in the Brazilian Amazon. Department of Anthropology, Tulane University.
- 2015 – Dietary transitions and food security: opportunities for interdisciplinary research in Brazil and Nicaragua. Roger Thayer Stone Center for Latin American Studies, Tulane University.
- 2014 – Re-imagining poverty in the Brazilian Amazon: Livelihoods, food security and health in the age of Bolsa Família, University of Cincinnati.
- 2014 – Economic change, food security and dietary intakes in the rural Amazon, Center for Latin American Studies, The Ohio State University.
- 2013 – Nutrition in rural Amazonian communities, Department of Nutrition, The Ohio State University.
- 2012 – Economic change, food security and dietary intakes in the rural Amazon: evidence of maternal-child buffering? Population Studies and Training Center, Brown University.
- 2011 – Nutrition in transition: Economic change and human health in the rural Amazon, Brazil, College of Nursing, The Ohio State University.
- 2011 – Meeting the Energetic Demands of Lactation: Maternal Strategies in Evolutionary Perspective, Department of Anthropology, University of Utah.
- 2011 – Uprooted: Economic change, food security & health in the Amazon, Institute for Population Research, The Ohio State University.
- 2011 – Poverty and health in the Brazilian Amazon, International Poverty Solutions Collaborative, The Ohio State University.
- 2011 – Producing and reproducing: dietary intakes, work patterns and nutritional status of lactating Ribeirinha women in the eastern Amazon, Medical Anthropology Club, The Ohio State University.
- 2011 – Conducting research in the Brazilian Amazon, Center for Latin American Studies, The Ohio State University.
- 2008 – Variation on maternal strategies for meeting the energy demands of lactation in the Brazilian Amazon, Department of Anthropology, Indiana University

Research Grants Awarded

- 2020 – National Science Foundation. **Piperata BA** (PI), Lee J (Co-PI), Hale V (Co-PI), Song C (Co-PI). “*Ecoculturing the Infant Gut Microbiome.*” (\$495,966)
- 2020 – National Science Foundation. Walter S (PI), Karubian J (PI), **Piperata BA** (PI). “*Collaborative Research: IRES Track 1: International: Socio-ecological training in a tropical landscape.*” (\$299,412).
- 2020 – ByWater Institute. Karubian J (PI), McKinney L (Co-PI), Raheem N (Collaborator), **Piperata BA** (Collaborator). “*Fluid Fortunes: water dynamics in developing tropical landscapes.*” (\$24,092).
- 2020 – National Science Foundation. **Piperata BA** (PI), Wolfe-Sherrie E (Co-PI). “*Doctoral Dissertation Research: Biocultural dynamics of the postpartum interval.*” (\$25,200).
- 2020 - Sustainability Institute, The Ohio State University, Sustainability Research Seed Grant. Downey S (PI), Qin R (Co-PI), **Piperata BA** (Co-PI), Hamilton M (Co-PI), Scaggs S (Co-PI), Jayaprakash C (Co-PI). **SWISH** (SWidden agricultural food systems, Sustainability, and Health). \$12,500.
- 2018 – National Institute of Health (Fogarty). Schmeer KK (PI), **Piperata BA** (Co-I), Ford, J (Collaborator), Browning C (Collaborator). “*Social Contexts, Stress and Non-Communicable Disease Risk Factors across the Life Course: A Pilot Study in Nicaragua.*” (\$343,428)
- 2017 – Global One Health, Infectious Diseases Discovery Theme, Office of Research, and Office of Outreach and Engagement, The Ohio State University. Garabed R (PI), **Piperata BA** (Co-PI), Moritz M (Co-PI), Lee J (Co-PI), Gebreyes W (Co-PI), Oruganti P (Co-PI). “*Connect and Collaborate Grant: The Relationship Between Human-Animal Bond, Human-Animal Interactions and Diarrheal Disease Risk in Developing Settings.*” (\$12,000)
- 2016 – Institute for Population Research, The Ohio State University. Schmeer KK (PI), **Piperata BA** (Co-PI), Wilson W (Co-PI), DeCaro J (Co-PI). “*Predictors of Allostatic Load in Mothers and Children: Biological Evidence from a High-Stress Setting.*” (\$29,936).
- 2016 – Office of International Research, The Ohio State University. Lee J (PI), **Piperata BA** (Co-PI), Garabad R (Co-PI), Moritz M (Co-PI), Rempala G (Co-PI). “*Zoonotic diarrheal disease transmission in Nicaragua.*” (\$8,000)
- 2016 – College of Social and Behavioral Sciences, The Ohio State University, International Travel Grant (\$2000)
- 2015 – Fulbright Scholar Award - Brazil. **Piperata BA**. “*Tracking the Nutrition Transition in Rural Amazonia: a longitudinal and comparative approach*” (\$24,100)
- 2015 – National Science Foundation. **Piperata BA** (PI), Ritchie-Ewing G (Co-PI). “*Doctoral Dissertation Research: Societal expectations of motherhood and maternal stress during pregnancy*” Award Number 1528292 (\$14,980).
- 2014 – University of Calgary SEED Award. Wilson W (PI), **Piperata BA** (Co-PI). “*Maternal and Child Health and the Architecture of Daily Life among Rural Nicaraguans: A Biocultural Investigation*” (\$14,000).
- 2014 – Fundação de Amparo à Pesquisa do Estado de São Paulo (FAPESP). da Gloria P (PI), Menezes Strauss A (collaborator), Suarez Villagran X (collaborator), Elias de Oliveira R (collaborator), Neves Nogueira F (collaborator), Murrieta RSS (collaborator), **Piperata BA** (collaborator), Guatelli-Steinberg D (collaborator). *Health and lifestyle of the Paleoamericans of Lagoa Santa: An ethnoarchaeological approach* (\$240,000).
- 2013 – Institute for Population Research, The Ohio State University. Mortiz M (PI), Lee J (Co-PI), Garabed R (Co-PI), **Piperata BA** (Co-PI), Healy-Profitos J (Collaborator). *Migration and*

- Household Water Practices: An interdisciplinary examination of cholera outbreaks in urban Cameroon* (\$18,310).
- 2013 – National Science Foundation. Guatelli-Steinberg D (PI), **Piperata BA** (Co-PI), Spence J (Co-PI). “*Doctoral Dissertation Improvement Grant: Deciduous tooth emergence, nutritional status, and weaning and feeding decisions in the Brazilian Amazon*” Award Number 126074 (\$25,078.00)
- 2012 – Office of International Affairs, Gateway Grant, The Ohio State University, **Piperata BA** (Co-PI), Schmeer K (Co-PI). *Food Security and Maternal/Child Health: Innovative Research in Nicaragua* (\$10,000).
- 2012 – Office of Outreach and Engagement, The Ohio State University, **Piperata BA** (PI), Schmeer K (Co-PI). *Outreach through Research: Identifying Social and Cultural Barriers to Food Security in Poor Households with Children in León, Nicaragua* (\$56,247)
- 2010 – International Poverty Solutions Collaborative, The Ohio State University. **Piperata BA** (PI), McSweeney K (Co-PI), Melgar-Quiñones H (Co-PI) – *Ties that bind: land security, food security and maternal/child well-being in rural Nicaragua* (\$67,492)
- 2008 – Initiative in Population Research (IPR), The Ohio State University, Piperata BA (PI), Murrieta RSS (collaborator). *Does wealth translate into health? Evaluating the Bolsa Familia Program in Rural Brazil*. (\$35,000)
- 2008 – Office of International Affairs, The Ohio State University (\$5,000)
- 2007 – International Travel Grant, College of Social and Behavioral Sciences, The Ohio State University (\$1500)
- 2002 – Wenner-Gren Foundation for Anthropological Research Inc., Dissertation Research Grant. **Piperata BA** (PI). *The Energetics of Lactation among Tropical Horticulturists Living in the Brazilian Amazon* (\$19,950)
- 2002 – National Science Foundation Dissertation Improvement Grant. Dufour DL (PI), **Piperata BA** (Co-PI). *Production and Reproduction: The Energetics of Lactation Among Tropical Horticulturists in the Lower Brazilian Amazon* (\$10,880)
- 2000 – Beverly Sears Dean Grant, Graduate School, University of Colorado-Boulder (\$910)
- 2000 – Department of Anthropology Grant, University of Colorado-Boulder (\$1500)
- 2000 – Department of Anthropology Pre-Dissertation Grant (\$2100)
- 2000-2005 – Travel Grants (n=5), Graduate School, University of Colorado-Boulder (\$1100)
- 2000-2005 – Travel Grants (n=4), Department of Anthropology, University of Colorado-Boulder (\$800)

Research Grants Under Review

Awards and Honors

- 2013 - Michael A. Little Early Career Award, Human Biology Association.
- 2012 - John T and Ruth Weimer Mount Award, Nominee. Sphinx Honorary and Mortar Board Senior Honor's Society, The Ohio State University.
- 2009 - John T and Ruth Weimer Mount Award, Nominee. Sphinx Honorary and Mortar Board Senior Honor's Society, The Ohio State University.
- 2000 - John Whiteford Church Award. Graduate School, University of Colorado-Boulder (\$750).
- 1999 - Edward E. Hunt student prize. Best poster presentation at the 24th annual meeting of the Human Biology Association, Columbus, Ohio (\$250).

University Advising and Teaching

Graduate Advising

- Doctoral Students (Ph.D.) – Adviser / Co-Adviser (n = 7)
 - Steven Rhue (OSU, Anthropology) – in progress
 - Harold Wright III (OSU, Anthropology) – in progress
 - Taylor Tomu (OSU, Anthropology) – in progress
 - Emily Wolfe-Sherrie (OSU, Anthropology) – in progress
 - Genevieve Ritchie-Ewing (OSU, Anthropology) – completed 2019
 - Maryanne Tranter (OSU, Nursing/R Pickler, Co-Adviser) – completed 2019
 - Jennifer Spence (OSU, Anthropology/D Guatelli-Steinberg, Co-Adviser) – completed 2017

- Master’s Degree Students (M.A.) – Adviser (n = 3)
 - Hiba Ansar-Butt (OSU, Anthropology) – in progress
 - Taylor Tomu (OSU, Anthropology) – completed, 2018
 - Adelaide Cary (OSU, Anthropology) – completed, 2017
 - Sophia Ivanova (OSU, Anthropology) – completed, 2010

- Dissertation committee member (n=19)
 - Shane Scaggs (OSU, Anthropology) – in progress
 - Harold Wright III (OSU, Anthropology) – in progress
 - Steven Rhue (OSU, Anthropology) – in progress
 - Emily Wolfe-Sherrie (OSU, Anthropology) – in progress
 - Taylor Tomu (OSU, Anthropology) – in progress
 - Tannya Forcone (OSU, Anthropology) – in progress
 - Elizabeth Gardiner (OSU, Anthropology) – in progress
 - Amanda Smith (OSU, Veterinary Medicine) – completed 2020
 - Kelly Yotebeing (OSU, Anthropology) – completed 2019
 - Maryanne Tranter (OSU, Nursing) – completed 2019
 - Genevieve Ritchie-Ewing (OSU, Anthropology) – completed 2019
 - Colleen Cheverko (OSU, Anthropology) – completed 2018
 - Erin Kane (OSU, Anthropology) – -completed 2017
 - Noah Dunham (OSU, Anthropology) – completed 2017
 - Jennifer Spence (OSU, Anthropology) – completed 2016
 - Allison Cantor (University of South Florida, Anthropology) – completed 2016
 - Michaela Huffman (OSU, Anthropology) – completed 2014
 - Giuseppe Vercellotti (OSU, Anthropology) – completed 2012
 - Mari Shaffer (OSU, Anthropology) – completed 2012
 - Shahna Arps (OSU, Anthropology) – completed 2007

- Master’s Thesis committee member (n = 10)
 - Hiba Ansar-Butt (OSU, Anthropology) – in progress
 - Pallavi Oruganti (OSU, Public Health) – completed 2018
 - Taylor Tomu (OSU, Anthropology) – completed 2018

Daryin Hummel – (OSU, Anthropology) – completed 2017
Adelaide Cary (OSU, Anthropology) – completed 2017
Tamara Pardo (Universidade de São Paulo) – completed 2014
Selin Nugent (OSU, Anthropology) – completed 2014
Genevieve Sharon (OSU, Anthropology) – completed 2014
Fatima Al-Ghadban (OSU, Nutrition) – completed 2011
Sophia Ivanova (OSU, Anthropology) – completed 2010
Bauer, Leslie (OSU, Anthropology) – completed 2008

Undergraduate Advising

-Honor's Thesis - Adviser (n = 5)
Drew Hardin – in progress
Kate Holland – in progress
Anna Schreerer – in progress
Thara Nagarajan – completed 2014
Adrienne Strong – completed 2010
Lindsey Gooden-Mattern – completed 2009

Undergraduate Program Development

Medical Anthropology B.A. and B.S. degrees

The Ohio State University. I developed the Medical Anthropology undergraduate degree program for the Anthropology Department at The Ohio State University. The goal of the degree program is to provide a solid foundation in anthropological theory and methods for students bound for professional schools (medicine, nursing, public health) and graduate training in medical anthropology. The program was approved in the fall 2018.

Teaching Grants Awarded

2009 - The Ohio State University, Honor's and Scholars Program, New Course Development Award for the course "*Global Food Crisis*" (\$15,000)

Undergraduate Courses Developed and Taught (The Ohio State University)

Modern Human Physical Variation (Anthropology 3301)
Introduction to Medical Anthropology (Anthropology 3302)
Global Food Crisis (Honor's Course, Anthropology 4597.05H)
Evolutionary Medicine (Anthropology 5600)
Women's Health in Global Perspective (Anthropology 5602)

Graduate Courses Taught (The Ohio State University)

Graduate Seminar: Modern Human Physical Variation (Anthropology 7701)
Graduate Seminar: Writing and Publishing in Anthropology (Anthropology 8827)

Lecturer, Department of Anthropology, University of Colorado – Boulder (2006)
Human Origins II

Instructor, Department of Anthropology, University of Colorado – Boulder (2000-2005)
Introduction to Physical Anthropology I
Introduction to Physical Anthropology II

Instructor, Biological Sciences Initiative (Howard Hughes Medical Institute), University of Colorado - Boulder (2001, 2005)

-Taught courses in biological anthropology (K-12). Program focused on encouraging minority and female students in science by bringing hands-on science lab experiences into kindergarten through high school classrooms in the Denver/Boulder area (nutrition, ecology, paleontology, human evolution), August 2004

Lead Graduate Teaching Assistant, Department of Anthropology, University of Colorado Boulder (2001, 2004), was fully responsible for teaching lab courses, overseeing the lab and training other graduate students to teach the lab course

-Laboratory in Physical Anthropology II

Graduate Teaching Assistant, Department of Anthropology, University of Colorado – Boulder (1997-2000), was the instructor of record and fully responsible for teaching all lab courses

-Laboratory in Physical Anthropology I

-Laboratory in Physical Anthropology II

Graduate Teaching Assistant, Department of Anthropology, University of Colorado – Boulder (1996-1999), assisted with grading, worked with undergraduate and graduate students

-Quantitative Methods in Anthropology

-The Human Animal

-Introduction to Physical Anthropology I

-Human Ecology-Biological Aspects

Professional Positions

Research Associate, Synergen Inc

Analytical chemistry group, research and analyses on proteins being developed to treat ALS and septic shock. Performed SDS-PAGE, ELISA and HPLC analyses, 1992-1994.

Service

Departmental Service

-OSU, Department of Anthropology Chair's Advisory Committee (2018 - present)

-OSU, Anthropology Department, Awards Committee (2018-present; 2008-2012,)

Chair, Awards Committee (2011-2012)

-OSU, Department of Anthropology, Graduate Program Redesign Committee (2017-present)

-OSU, Department of Anthropology, Adviser, Undergraduate Major in Medical Anthropology (2016-present)

- OSU, Department of Anthropology, Search Committee (2016, 2015, 2013, 2012)
Chair, Search Committee (2015)
- OSU, Department of Anthropology, Undergraduate Studies Committee (2016-2018)
- OSU, Department of Anthropology, Graduate Studies Committee (2012-2015)
Chair, Graduate Studies Committee (2012-2015)
- OSU, Anthropology Department, Mentoring Committee (2010-2011)
- OSU, Department of Anthropology, Speaker Committee (2006-2009)

University Service

- The Ohio State University, Fulbright Grant Reviewer (2018, 2017, 2010)
- The Ohio State University, Institute for Infectious Disease, steering committee (2016-2018)
- The Ohio State University, Center for Clinical and Translational Science, faculty steering committee (2015-present)
- The Ohio State University, Discovery Theme (InFact: Initiative for food and AgriCultural Transformation) Search Committee (2014-2015)
- The Ohio State University, College of Arts and Sciences, Graduate Studies Committee (2014-2015)
- The Ohio State University, Discovery Themes Proposal Reviewer (2013)
- The Ohio State University, Center for Latin American Studies, Graduate Studies Committee (2012-2016)
- The Ohio State University, Center for Latin American Studies, Poverty and Inequality Working Group, Chair (2010-2014)
- The Ohio State University, Denman Judge (2010)
- The Ohio State University, Foreign Language and Area Studies (FLAS) Grant Reviewer, Center for Latin American Studies (2010)
- The Ohio State University, Faculty Adviser, Medical Anthropology Club (2010-2012)
- The Ohio State University, International Poverty Solutions Collaborative, International Site Selection Committee (2010-2012)
- The Ohio State University, First Generation Scholars Program (2009-2017)
- The Ohio State University, Faculty Adviser, Veggie Club (2007-2010)

Professional Service

Book Editor

- American Journal of Human Biology (2017 – present)

Journal Editorial Board

- Annals of Human Biology (2016 – present)

Human Biology Association

- Publications Committee (2011-2014)
-Chair (2013-2015)
- Elections and Nominations Committee (2008-2010)
-Chair (2009-2010)

American Anthropological Association
-Society for the Anthropology of Food and Nutrition
-Program Chair (2008-2010)

Journal Peer Reviewer

American Journal of Human Biology
American Journal of Physical Anthropology
Annals of Human Biology
BMC Maternal and Child Health
Boletim do Museu Goeldi, Ciências Sociais
Ecology of Food and Nutrition
Economics and Human Biology
International Journal of Women's Health
Journal of Environmental and Public Health
Journal of Human Evolution
Journal of Maternal and Child Health
Maternal & Child Nutrition
Medical Anthropology
PLoS ONE
PNAS
Public Health Nutrition
Social Science & Medicine

Grants Reviewer

National Science Foundation
Wenner-Gren Foundation for Anthropological Research Inc.
Fulbright

Book Reviewer

Staley Panel, School for American Research, Santa Fe, New Mexico
Oxford University Press
Wiley

Community Outreach and Service

-Boulder County Health Department, Nutrition Services, WIC Program (Women infants and children), nutritional screening of children 0-5 years and pregnant women (heights, weights, hematocrits), Spanish/English, English/Spanish translation (2001-2002)

Membership Professional Societies

Human Biology Association (1997-present)
American Association of Physical Anthropologists (2003-present)
American Anthropological Association (2004-present)
-Society for the Anthropology of Food and Nutrition (2004-present)
-Biological Anthropology Section (2004-present)

Current and Completed Research

Nicaragua 2017 – 2017

Collaborative Research: **Piperata (PI)**, Lee J (Co-PI), Garabed R (Co-PI), Wilson W (Co-PI). “*Ecoculturing the Infant Gut Microbiome*”.

Nicaragua 2016 – present

Collaborative Research: Schmeer (PI), **Piperata (Co-PI)**, Wilson W (Co-PI), DeCaro J (Co-PI). “*Predictors of Allostatic Load in Mothers and Children: Biological Evidence from a High-Stress Setting*”.

Nicaragua 2015 - 2016

Collaborative Research: Wilson W (PI), **Piperata BA (Co-PI)**, DeCaro J (Co-PI), Schmeer K (Co-PI). “*Maternal and Child Health and the Architecture of Daily Life among Rural Nicaraguans: A Biocultural Investigation*”.

Brazil 2015-2017

Collaborative Research: da Gloria P (PI), Suarez Villagran X, Elias de Oliveira R, Neves Nogueira F, **Piperata BA**, Guatelli-Steinberg D. “*Health and lifestyle of the Paleoamericans of Lagoa Santa: An ethnoarchaeological approach*”

Brazil 2015

Collaborative Research: **Piperata BA (PI)**, Murrieta RSS, Silva H. “*Tracking the Nutrition Transition in Rural Amazonia: a longitudinal and comparative approach*”

Nicaragua 2011-2014

Collaborative research: **Piperata BA (PI)**, Schmeer K (Co-PI), Herrera A, Salazar M, McSweeney K. “*Estudio de Seguridad Alimentaria y Salud en Nicaragua (ESAS-NICA)*”

Cameroon 2013 – 2014

Collaborative research: Moritz M (PI), Lee J, Garabed R, **Piperata BA** “*Migration and Household Water Practices: An interdisciplinary examination of cholera outbreaks in urban Cameroon*”

Brazil, 2009

Does Wealth Translate into Health?: Evaluating the *Bolsa Familia* Program in the Rural Amazon-Melgaço, Pará, Brazil (Eastern Amazon).

Brazil, 2008

The role of a conditional cash transfer program in addressing food security in the rural Amazon – Melgaço, Pará, Brazil (Eastern Amazon)

Brazil, 2007

Nutritional Status of *Quilombo* Populations in the *Vale do Ribeira*, Sao Paulo, Brazil

University of Colorado-Boulder, January 2004 - July 2006

Exercise Efficiency of Lactating Women

Brazil, February 2002 – July 2004

Dissertation Fieldwork: The energetics of lactation among tropical horticulturists living in the Eastern Brazilian Amazon

Guyana, Summer 2000

Health and nutritional status of Makushi Indians in the Northern Rupununi District. Under the direction of Dr. Warren Wilson.

Brazil, Summer 2000

Pre-dissertation fieldwork: Collection of demographic and ethnographic data. Met with officials at the Universidade de São Paulo, Ferreira Penna Scientific Station and Goeldi Museum to set-up research affiliations.

University of Colorado-Boulder, Summer 1999

Energy Expenditure and Dietary Intake of College-aged Women: Collection of data on energy expenditure (Flex-HR method) and dietary intake (24-hr recall) of college aged women.

Nicaragua, Summer 1995

Archaeological Field School: Under the direction of Dr. Fred Lange. Three months of archaeological excavations in Managua and surrounding rural areas and interviews with local people regarding their knowledge of archaeological sites in the region.

Foreign Language

Portuguese: speaking, reading and writing proficiency

Spanish: speaking, reading and writing proficiency