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The Ohio State University
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Education

Ph.D. Anthropology, University of Colorado-Boulder 2005
M.A. Anthropology, University of Colorado, Boulder
B.S. Biology, University of New Mexico

Areas of Interest

Human Energetics, Nutrition, Health, Human Ecology, Life History Theory, Biocultural Approaches, Latin America, Brazil, Amazon.

Positions Held

Assistant Professor, The Ohio State University, 2006 – present
Lecturer, University of Colorado-Boulder, January 2006 – June 2006

Publications

Refereed Journal Articles and Chapters

- Piperata BA.** Variation in maternal strategies during lactation: the role of the biosocial context. Accepted. *American Journal of Human Biology*, December 2008.
- 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 and **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.
- Piperata BA.** 1995. La prospeccion 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.

Abstracts

- Piperata BA.** 2008. Understanding variation in maternal energetics during lactation among subsistence farmers in the eastern Amazon. *American Journal of Physical Anthropology*
- 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.

Work In Progress

- Wilson W, **Piperata BA**, Hicks K, Bulkan J. Growth patterns of Amerindian and non-Amerindian inhabitants of Guyana's North Rupununi. Submitted to the *American Journal of Physical Anthropology*, July, 2008.
- Piperata BA**. Guatelli-Steinberg D. Managing the costs of lactation: human strategies in evolutionary perspective. Manuscript in preparation for the *Yearbook in Physical Anthropology*.
- Piperata BA**, Gooden L. Breastfeeding and maternal work patterns among tropical horticulturalists in the Brazilian Amazon. Manuscript in preparation for the *American Journal of Human Biology*.
- Vercellotti G, **Piperata BA**. Evaluation of body proportions in relation to environmental factors in Brazilian Ribeirinhos. Manuscript in preparation for the *American Journal of Physical Anthropology*.

Presentations at Professional Meetings

- 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, Apr 9-12, 2008.
- Piperata BA**. 2007. 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, 2007.
- Piperata BA**. 2007. 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, 2007.
- 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, 2007.
- 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, Mar 28-29, 2007.
- Piperata BA**. 2006. 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, Nov 15-19, 2006.
- 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, Mar 8-11, 2006.
- 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., Nov. 30-Dec 3, 2005.

- Piperata BA.** 2005. 40 días 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, Nov 7-11, 2005.
- 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, 2005.
- 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, 2004.
- 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, 2003.
- 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, 2003.
- 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, 2001.
- 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, 1999.
- 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, 1998.

Sessions Organized at Professional Meetings

- 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, Mar 8-11, 2006.

Professional Experience

Instructor: University of Colorado at Boulder:

Human Origins II – Honors Department	Spring 2006
Introduction to Physical Anthropology I	Fall 2005
Introduction to Physical Anthropology II	Summer 2005
Introduction to Physical Anthropology II	Spring 2004, Spring 2003, Summer 2000.

Lead Graduate Teaching Assistant

Laboratory in Physical Anthropology II	Spring 2004, Spring 2001
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Graduate Teaching Assistant: University of Colorado at Boulder:

Quantitative Methods in Anthropology	Fall 2000, Spring 1999, Fall 1997.
Laboratory in Physical Anthropology II	Spring 2000, Spring 1998, Summer 1997.
Laboratory in Physical Anthropology I	Fall 1999, Fall 2001.
The Human Animal	Summer 1999.
Introduction to Physical Anthropology I	Fall 1998.
Human Ecology-Biological Aspects	Fall 1996.

Biological Sciences Initiative (Howard Hughes Medical Institute), University of Colorado at Boulder:

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 – May 2005, August 2001-December 2001.

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, August 2001-January 2002.

Research Associate, Synergen Inc.:

Analytical chemistry group, conducted research and analyses on a number of different proteins being developed to treat human diseases such as ALS and septic shock. Performed SDS-PAGE, ELISA and HPLC analyses, 1992-1994.

Research Experience

Brazil, June-July 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 Lower Brazilian Amazon

Guyana, Summer 2000

Research on the health and nutritional status of Makushi Indians in the Northern Rupununi District. The research consisted of collecting anthropometric data to assess the health and nutritional status of the people and conducting both semi-structured and informal interviews with the local people in order to gain a better understanding of the impact the recently established biological reserve and development projects in the region have had on their lives.

Brazil, Summer 2000

Pre-dissertation fieldwork in Brazil: The research included the location of an appropriate field site for my dissertation and collecting basic demographic and ethnographic data on the population at the field site location. I also met with officials at the Ferreira Penna Scientific Station and the Goeldi Museum located in the city of Belém. Finally, I set-up and affiliation with the University of São Paulo and the Goeldi Museum.

University of Colorado-Boulder, Summer 1999

Energy Expenditure and Dietary Intake of College-aged Women: This research project was conducted on the University of Colorado campus and involved the collection of data on energy expenditure (Flex-HR method) and dietary intake (24-hr recall) of approximately 15 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.

Grants

Initiative in Population Research, The Ohio State University (\$53,005)

Office of International Affairs, The Ohio State University (\$5,000)

International Travel Grant, College of Social and Behavioral Sciences, The Ohio State University (\$1500)

Wenner-Gren Foundation for Anthropological Research Inc., Dissertation Research Grant (\$19,950)

National Science Foundation Dissertation Improvement Grant (\$11,880)

Beverly Sears Dean Grant, Graduate School, University of Colorado-Boulder (\$910)

Department of Anthropology Grant, University of Colorado-Boulder (\$1500)

Department of Anthropology Pre-Dissertation Grant (\$2100)

Travel Grants (n=5), Graduate School, University of Colorado-Boulder (\$1100)

Travel Grants (n=4), Department of Anthropology, University of Colorado-Boulder (\$800)

Awards

John Whiteford Church Award, Graduate School, University of Colorado-Boulder (\$750)

Edward E. Hunt student prize (\$250.00) for best poster presentation at the 24th annual meeting of the Human Biology Association, Columbus, Ohio, March 1999.

Membership Professional Societies

American Anthropological Association (2004-present)

-Society for the Anthropology of Food and Nutrition – SAFN (2004-present)

-Program Chair (2008-2010)

-Biological Anthropology Section (2004-present)
Human Biology Association (1997-present)
-Elections and Nominations Committee (2008-2010)
American Association of Physical Anthropologists (2003-present)
Society for Human Ecology (2007 – present)

Foreign Language

Portuguese: speaking, reading and writing proficiency

Spanish: speaking, reading and writing proficiency