

## ELIZABETH M. MILLER

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### APPOINTMENTS

- 2018- Associate Professor, Department of Anthropology, University of South Florida  
2017- Undergraduate Director, Department of Anthropology, University of South Florida  
2012-18 Assistant Professor, Department of Anthropology, University of South Florida  
2011-12 Postdoctoral Fellow, Department of Anthropology, Northwestern University

### EDUCATION

- 2011 Ph.D., University of Michigan, Anthropology  
2006 M.A., University of Michigan, Anthropology  
2004 M.S., University of Illinois Urbana-Champaign, Library and Information Science  
2003 B.A., Northwestern University (*cum laude*), Anthropology (with honors) and Psychology (with honors)

### EXTERNAL GRANTS AND FELLOWSHIPS

Wenner-Gren Foundation Post-Ph.D. Research Grant

PI: **Miller, E.M.** Co-Investigator: M.E. Groer. Award Amount: \$20,000

Title: *Ecology of the human milk and infant salivary microbiomes*

Project Period: 01/01/2016 – 1/31/2018

NIH National Institute for Nursing Research 1 R01 NR015446-01

PI: M.E. Groer. Co-Is: K. Armstrong, T. Ashmeade, L. Dishaw, J.A. Gilbert, H. Li, **E.M. Miller**, M. Ji. Award Amount: \$2.7M.

Title: *The preterm infant microbiome: Biological, behavioral and health outcomes at 2 and 4 years of age*

Project Period: 05/15/2015 – 05/14/2020

American Association of Physical Anthropologists Professional Development Award

PI: **E.M. Miller** Award Amount: \$5,000

Title: *The feeding ecology of infant immune function in the United States*

Project Period: 7/1/2014 – 6/31/2015

NSF Doctoral Dissertation Improvement Grant BCS-0750779

Co-PI: **E.M. Miller** (PI: A.R. Frisancho) Award Amount: \$15,000

Title: *Culture, Evolution and Immunity in Breastfeeding Aerial Mothers and Infants*

Project Period: 1/1/2008 - 1/1/2010

Leakey Foundation General Research Grant

PI: **E.M. Miller** Award Amount: \$13,500

Title: *Breastfeeding, Immunity and Life History in Aerial Mothers and Infants*

Project Period: 1/1/2008 - 1/1/2010

NSF Graduate Research Fellowship  
Fellowship Period: 9/1/2006 - 8/30/2009

### **INTERNAL GRANTS, FELLOWSHIPS AND AWARDS**

2017-18 Women in Leadership and Philanthropy USF System Junior Faculty Award, \$5,000 University of South Florida  
2014-15 CAS Internal Pilot Award, \$1,500, College of Arts and Sciences, University of South Florida  
2014-15 Research that Matters Faculty-Community Partner Grant, \$7,702, Office of Community Engagement, University of South Florida  
2014 Outstanding Undergraduate Teaching Award 2013-2014, University of South Florida  
2011 Rackham One-Term Fellowship  
2009-11 Rackham Conference Travel Grant, \$1150 total over 3 years  
2006 Rackham Graduate Student Research Grant, \$1500, Rackham Graduate School, University of Michigan  
2006 Helen M. Spuhler Memorial Grant, \$2000, Department of Anthropology, University of Michigan  
2004-06 Regents Fellowship, University of Michigan

### **PEER REVIEWED PUBLICATIONS**

2018 **Miller, E.M.** (2018). Life history perspectives on milk immunity: A comparative approach. *American Journal of Physical Anthropology*, 167, 389–399.

2018 **Miller, E.M.** (2018). Centennial commentary: The first seriatum study of growth by R.E. Scammon. *American Journal of Physical Anthropology*, 165, 415-420.

2018 **Miller, E.M.**, Deubel, T., Louis-Jacques, A. and Hernandez, I.H. (2018). One step for a hospital, ten steps for women: African American women's experiences in a newly-accredited Baby-Friendly Hospital. *Journal of Human Lactation*, 34(1), 184–191.

2017 Rivara, A.C.\* and **Miller, E.M.** (2017). Pregnancy and immune stimulation: re-imagining the fetus as parasite to understand age-related immune system changes in US women. *American Journal of Human Biology*, 29(6), e23041.  
\* Student author

2017 **Miller, E.M.** (2017). What is significant about a single nursing session? An exploratory study. *American Journal of Human Biology*, 29(5), e23004.

2016 **Miller, E.M.** (2016). Hormone replacement therapy affects iron status more than endometrial bleeding in older US women: A role for estrogen in iron homeostasis? *Maturitas*, 88, 46-51.

2016 **Miller, E.M.** (2016). The reproductive ecology of iron in women. *Yearbook of Physical Anthropology*, 159, S172–S195.

2015 **Miller E.M.** (2015). A comparison of three infant skinfold reference standards: Tanner-Whitehouse, Cambridge Infant Growth Study, and WHO Child Growth Standards. *Maternal & Child Nutrition*, 11, 1023-1027.

2015 **Miller E.M.** and McConnell D.S. (2015). Milk immunity and reproductive status among Ariaal women of northern Kenya. *Annals of Human Biology*, 42, 76-83.

2014 **Miller E.M.** (2014). Iron status and reproduction in US women: National Health and Nutrition Examination Survey, 1999-2006. *PLoS ONE* 9, e112216.

2014 Groer M., Luciano A., Dishaw L., Ashmeade T., **Miller E.**, and Gilbert J.A. (2014). Development of the preterm infant gut microbiome: A research priority. *Microbiome* 2, 38.

- 2014 **Miller E.M.** (2014). Chronic undernutrition and traditional weaning foods are associated with fat stores in Ariaal infants of northern Kenya. *American Journal of Physical Anthropology* 153, 286-296.
- 2013 **Miller, E.M.**, Aiello, M.O., Fujita, M., Hinde K., Milligan, L.M., and Quinn, E.A. (2013). Field and laboratory methods in human milk research. *American Journal of Human Biology*, 25, 1-11.
- 2012 **Miller, E.M.** and McDade, T.W. (2012). A highly sensitive immunoassay for interleukin-6 in dried blood spots. *American Journal of Human Biology*, 24, 863-865.
- 2012 **Miller, E.M.** and McConnell, D.S. (2012). Chronic undernutrition is associated with mucosal antibody concentration among Ariaal infants of northern Kenya. *American Journal of Physical Anthropology*, 149, 136-141.
- 2011 **Miller, E.M.** (2011). Maternal health and knowledge and infant health outcomes in the Ariaal people of northern Kenya. *Social Science & Medicine*, 73, 1266-1274.
- 2011 Abrams, E.T. and **Miller, E.M.** (2011). The roles of the immune system in women's reproduction: Evolutionary constraints and life history trade-offs. *Yearbook of Physical Anthropology*, 53, 134-154.
- 2011 **Miller, E.M.** and McConnell, D.S. (2011). The stability of immunoglobulin A in human milk and saliva stored on filter paper at ambient temperature. *American Journal of Human Biology*, 23, 823-825.
- 2010 **Miller, E.M.** (2010). Maternal hemoglobin depletion in a settled northern Kenyan pastoral population. *American Journal of Human Biology*, 22, 768-774.
- 2009 **Miller, E.M.** (2009). Changes in serum immunity during pregnancy. *American Journal of Human Biology*, 21, 401-403.

#### **BOOK CHAPTERS AND ENCYCLOPEDIA ENTRIES**

- 2018 **Miller, E.M.** (2018). Growth in utero, infancy. In W. Trevathan, ed. *International Encyclopedia of Biological Anthropology*. 5000 word entry.
- 2018 Himmelgreen, D.A. and **Miller, E.M.** (2018). Nutritional assessment. In W. Trevathan, ed. *International Encyclopedia of Biological Anthropology*. 1500 word entry.
- 2018 **Miller, E.M.** (2018). Beyond passive immunity: Breastfeeding, milk and shared mother-infant immune systems. In C. Tomori, A. Palmquist, E.A. Quinn, eds. *Anthropologies of Breastfeeding*, Routledge: New York, NY: 26-39.

#### **MANUSCRIPTS IN REVIEW**

- accepted Yee, A., **Miller, E.M.**, Dishaw, L., Gordon J.M., Ji, M., Ozorio Dutra, S.V., Ho, T.T.B., Gilbert, J.A. Groer, M.W. (accepted with minor revisions). Longitudinal microbiome composition and stability correlates with increased weight and length of Very Low Birth Weight infants. Submitted to *mSystems*.
- In review **Miller, E.M.** (submitted to editors). The ecology of breastfeeding and mother-infant immune functions. In Halcrow, S., Gownland, R., eds. *The Mother-Infant Nexus in Anthropology: Small Beginnings, Significant Outcomes*, Springer: Bioarchaeology and Social Theory Series.
- In review Deubel, T.F., **Miller, E.M.**, Hernandez, I.H., Boyer, M. and Louis-Jacques, A. (revise and resubmit). Perceptions and practices of infant feeding in African American women. *Ecology of Food and Nutrition*.

- In review Louis-Jacques, A.F., **Miller, E.M.**, Brumley, J., Taylor, T.I., Schafer, E.J. Brown, A., Spatz, D.L., Marhefka, S.L. (revise & resubmit). Historical antecedents of breastfeeding for African American women in the South: From the colonial period to the mid-20th century. Submitted to *Journal of Human Lactation*.
- In review **Miller, E.M.** & Khalil, M. (revise & resubmit). Iron and fecundity among Tsimane' women of Bolivia. Submitted to *Evolution, Medicine, and Public Health*.

### **MANUSCRIPTS IN PREPARATION**

- In prep Deubel, T.F. & **Miller, E.M.** (in prep). Anthropological approaches to food insecurity and infant feeding.
- In prep Burris, M., **Miller, E.M.**, Romero-Daza, N., Himmelgreen, D. (in prep). Food insecurity and menarche in Tampa Bay, Florida
- In prep Louis-Jacques, A.F., Deubel, T.F., Hernandez, I.H., **Miller, E.M.** Spatz, D. Obican, S. (in prep). The impact of prenatal lactation education by doulas on breastfeeding outcomes for women in a diverse, low-income setting.

### **BOOK REVIEWS**

- 2018 **Miller, E.M.** (2018). The dance of nurture: Negotiating infant feeding. By Penny Van Esterik and Richard A. O'Connor New York, NY: Berghahn books, 2017. 248 pp. \$120.00 (hardcover). *American Journal of Human Biology*, 30: e23092.
- 2015 **Miller, E.M.** (2015). Cultures of milk: The biology and meaning of dairy products in the United States and India. By Andrea S. Wiley. 208 pp. Cambridge, MA: Harvard University Press. 2014. \$39.95 (cloth). *American Journal of Human Biology*, 27: 881.

### **ABSTRACTS, PAPERS AND PRESENTATIONS**

- submitted Groer, M.W., **Miller, E.M.**, Yee, A., Gilbert, J.A. (2019). The preterm infant gut microbiome, human milk volume and immunobiology, and growth. Submitted to Experimental Biology 2019 Annual Meeting, Orlando, FL
- submitted **Miller, E.M.** (2019). Exploring interleukin-1 (IL-1) and interleukin-1 receptor antagonist (IL-1ra) in infant saliva. Human Biology Association 2019 Meeting, Cleveland, OH
- 2018 **Miller, E.M.** and Deubel, T.F. (2018). Food insecurity and infancy: Anthropological perspectives. Society for Applied Anthropology 2018 Meeting, Philadelphia, PA.
- 2018 **Miller, E.M.** (2018). Breastfeeding and emerging infectious diseases: An anthropological approach. American Association of Physical Anthropologists 2018 Meeting, Austin, TX.
- 2018 **Miller, E.M.** and Khalil, M.\* (2018). Hemoglobin levels and time to birth among reproductive-aged women in the Tsimane' Amazonian Panel Study. Human Biology Association 2018 Meeting, Austin, TX  
\*Student author
- 2017 **Miller, E.M.** (2017). Food insecurity and breastfeeding in the United States: An anthropological perspective. As part of the panel: Infant Feeding Inequalities in the U.S.: Interdisciplinary Research in Applied Settings (co-organized by **E.M. Miller** and T. Deubel) at the Society for Applied Anthropology 2017 Meeting, Santa Fe, NM
- 2017 **Miller, E.M.** (2017). Life history perspectives on milk immunobiology and infant growth. Human Biology Association 2017 Meeting, New Orleans, LA

- 2016 Louis-Jacques, A., Deubel, T., Hernandez, I.H., **Miller, E.M.** (2016). Supporting a culture of breastfeeding: African American women's infant feeding practices. Academy of Breastfeeding Medicine 21<sup>st</sup> Annual Meeting, Arlington, VA
- 2016 **Miller, E.M.** (2016). Are changes in milk fat concentration over a single feed related to infant growth? Human Biology Association 2016 Meeting, Atlanta, GA
- 2015 Roundtable: Biocultural perspectives on normal, physiologic birth. Presenter. American Anthropological Association 2015 Meeting, Denver, CO
- 2015 Rivara, A.C.\* and **Miller, E.M.** (2015). Pregnancy, age and IgE: unexpected levels of immune defenses in U.S. women (National Health and Nutrition Examination Survey 2005-2006). Human Biology Association 2015 Meeting, St. Louis, MO.  
\*Student author
- 2015 **Miller E.M.** (2015). Predictors of reported nursing frequency in Ariaal mothers and infants of Kenya. Human Biology Association 2015 Meeting, St. Louis, MO.
- 2014 **Miller E.M.**, McConnell D.S., McDade T.W. (2014). Beyond passive immunity: Milk and shared mother-infant immune systems in Kenya. Included in invited session: "Anthropologies of breastfeeding: Producing new conversations." American Anthropological Association 2014 Meeting, Washington, DC.
- 2014 **Miller E.M.** (2014). Parity and hemoglobin in US women (National Health and Nutrition Examination Survey, 1999-2002). American Association of Physical Anthropologists 2014 Meeting, Calgary, AB.
- 2013 **Miller, E.M.**, McConnell, D.S. and McDade, T.W. (2013). Concordant maternal-infant immunity among the Ariaal of Kenya. Human Biology Association 2013 Meeting, Knoxville, TN.
- 2012 **Miller, E.M.** (2012). Ariaal mothers' nutritional status and infant sex predict infant height and weight. Human Biology Association 2012 Meeting, Portland, OR.
- 2011 **Miller, E.M.** (2011). The reproductive ecology of breastmilk immunity in Ariaal women of northern Kenya. Included in invited session: "Eating for two: Maternal ecology and nutrition in human and nonhuman primates". American Association of Physical Anthropologists 2011 Meeting, Minneapolis, MN.
- 2011 **Miller, E.M.** (2011). Fat deposition and growth in breastfeeding Ariaal infants. Human Biology Association 2011 Meeting, Minneapolis, MN.
- 2010 **Miller, E.M.** and McConnell, D.S. (2010). Chronic but not acute undernutrition predicts salivary IgA levels in Ariaal infants. American Association of Physical Anthropologists 2010 Meeting, Albuquerque, NM.
- 2010 **Miller, E.M.** and McConnell, D.S. (2010). Postpartum variation in breastmilk IgA. Human Biology Association 2010 Meeting, Albuquerque, NM.
- 2009 **Miller, E.M.** and McConnell, D.S. (2009). Development of an enzyme-linked immunosorbent assay (ELISA) for IgA in breastmilk and saliva stored on filter paper. Human Biology Association 2009 Meeting, Chicago, IL.
- 2009 **Miller, E.M.** (2009). Mothers' knowledge of traditional medicine is associated with reduced likelihood of infant illness in a northern Kenyan pastoral population. WIDTH Symposium, Department of Public Health, University of Michigan, Ann Arbor, MI.
- 2004 Kuzawa, C.W., **Miller, E.**, and Adair, L.S. (2004). Maternal and prenatal influences on male life history. Included in the invited session: "Life history, energetics, and human evolution." American Association of Physical Anthropologists 2004 Meeting, Tampa, FL.

## **RESEARCH EXPERIENCE**

### ***Fieldwork Experience***

- 2015-16      Genesis Women's Center, Tampa General Hospital, Florida, United States
- Interviewed African American women regarding infant feeding (n = 20)
- 2014-15      Hillsborough County, Florida, United States
- Collected breast milk and saliva from US mother-infant pairs (n = 82 pairs)
  - Administered interviews using free, open source data collection system KoBo Toolbox
  - Performed anthropometric measurements on women and infants
- 2008-09      Karare, Parkishon, and Kituruni, Marsabit District, Kenya
- Collected saliva, dried blood spots and breastmilk in Ariaal mother-infant pairs (n = 251 pairs)
  - Administered comprehensive survey of maternal and infant characteristics, health, family structure, socioeconomic status, and knowledge of healthcare practices
  - Performed anthropometric measurements on women and infants
- 2007          Karare and Parkishon, Marsabit District, Kenya
- Pilot interviews among Ariaal women (n = 41)
- 2006          Karare, Marsabit District, Kenya
- Pilot anthropometry among Ariaal women and infants (n = 80)

### ***Laboratory Experience***

- 2012-          Director, Health and Human Biology Laboratory, Department of Anthropology, University of South Florida
- Novel, field-friendly research of population biomarkers
  - Specialization in human milk, saliva, and dried blood spot immunoassays
- 2011-12      Laboratory for Human Biology Research, Department of Anthropology, Northwestern University
- Developed single and multiplex immunoassay protocols for evaluating cytokines in dried blood spots
  - Assayed inflammatory markers in dried blood spot samples to assess changes in health disparities in the Tsimane' population of Bolivia
- 2006-10      Clinical Ligand Assay Satellite Service (CLASS) Laboratory, Department of Epidemiology and Reproductive Sciences Program, University of Michigan
- Developed sandwich enzyme-linked immunosorbent assay (ELISA) for immunoglobulin A (IgA)
  - Tested various storage methods for breastmilk and saliva including filter paper
  - Learned laboratory management and quality control
- 2004-11      Human Adaptation Laboratory, Department of Anthropology, University of Michigan

### ***Research Interests***

Human biology, immune function, maternal and infant health, breastfeeding, maternal iron deficiency, microbiomes, nutrition, reproduction, growth and development, life history theory, evolutionary ecology, field and laboratory methods, East Africa, United States

## **TEACHING EXPERIENCE**

### ***University of South Florida***

2012-18 Assistant/Associate Professor, Department of Anthropology (13 semesters, 2:2 load)  
*Biological Anthropology (UG)*  
*Evolution and Health (UG)*  
*Human Sexuality and Culture (UG)*  
*Human Reproductive Ecology (UG/G)*  
*Human Variation (UG, UG/G, G)*  
*Evolution and Life History Theory (G)*  
*Foundations of Anthropological Theory (G)*

### ***Northwestern University***

2012 Lecturer, Global Health Studies (1 semester)  
*Global Maternal and Child Health (UG)*

2011 Instructor, Science and Engineering Teaching and Research Synthesis workshops, Department of Anthropology (1 semester)  
*On the Move: Locomotion and Human Evolution (UG)*

### ***University of Michigan***

2011 Grader, Center for African and African American Studies (1 semester)  
*Introduction to African Studies (UG)*

2010 Instructor of Record, Department of Anthropology (1 semester)  
*Darwin, MD: Evolution and Health (UG)*

2005-10 Graduate Student Instructor, Department of Anthropology (5 semesters)  
*Introduction to Biological Anthropology (UG and G)*  
*Human Adaptation (UG/G)*  
*Nutrition and Evolution (UG)*

### ***Professional and Teaching Development***

2016 Meta Discussions. Poster at Celebration of Teaching Conference, Academy for Teaching and Learning Excellence (ATLE), University of South Florida

2014 Summer Teaching Symposium, Academy for Teaching and Learning Excellence (ATLE), University of South Florida

2009 Graduate Teacher Certificate, Center for Research on Learning and Teaching, University of Michigan

## **ADVISING**

### ***Current Students***

Ph.D. *As major advisor:*

- Carrie LeGarde, Anthropology

*As committee member:*

- Juan Pablo Arroyo, Anthropology
- Alexis Barr, Public Health
- Gene Cowherd, Anthropology
- Achsah Dorsey, Anthropology, University of North Carolina Chapel-Hill
- Tiffany Gandolfo, Anthropology

- Mika Kadono, Anthropology and Public Health
- Bradley Lanning, Anthropology
- Nicole Falk Smith, Anthropology
- Kirsten Verostick, Anthropology

M.A. *As major advisor:*

- Alexis Monkhouse, Anthropology
- Emily (Warren) Baker, Anthropology

*As committee member:*

- Breanne Casper, Anthropology
- Antoine Romulus, Anthropology

### **Former Students**

Ph.D. *As committee member:*

- Anna Abella, Anthropology, Graduated 2017
- Colin Forsyth, Anthropology, Graduated 2014
- Airia Papadopolous, Anthropology, Graduated 2018
- Anna Rivara, Anthropology, Graduated 2017

M.A. *As major advisor:*

- René Herrera, Anthropology and Public Health, Graduated 2018
- Chloe Sweetman, Anthropology, Graduated 2018

*As committee member:*

- Mecca Burris, Anthropology, Graduated 2018
- Lauren Gottfredson, Anthropology and Public Health, Graduated 2015
- Cristina Kelbaugh, Anthropology, Graduated 2015
- Robin Mowson, Anthropology and Public Health, Graduated 2015
- Carroll Flansburg, Anthropology and Public Health, Graduated 2014

UG Honors *As major advisor:*

- Sara Bell, Anthropology, Graduated 2015
- Chloe Sweetman, Anthropology and Honors College, Graduated 2015
- Tyler Van Buren, Anthropology, Graduated 2015
- Shawna Callaghan, Anthropology, Graduated 2014
- Christine Hilliard, Anthropology and Honors College, Graduated 2014
- Alexa Wynn, Anthropology and Honors College, Graduated 2017

UG *As independent study advisor:*

- Maie Khalil, Biomedical Sciences and Honors College, Graduated 2016
- Anneliese Long, Anthropology, Graduated 2017
- Alexis Monkhouse, Anthropology, Graduated 2017
- Emily Warren, Women and Gender Studies, Graduated 2014

### **EXTERNAL TALKS AND LECTURES**

- 2018 Overcoming the obstacle of scientific knowledge: What do we know about milk immunity and microbiomes? Overcoming Obstacles Conference: Tampa Bay Breastfeeding Task Force. February 9, 2018.
- 2018 The Relationship Between the Human Microbiome and Taphonomy. Inaugural Conference, BEST Forensic Anthropology and Bioarchaeology Conference, St. Pete Beach (FL), January 13, 2018.
- 2017 The Ecology of Breastfeeding and the Nexus of Mother-Infant Immune Functions. Wenner-Gren Foundation for Anthropological Research Inc. Workshop: The Mother-Infant Nexus in Anthropology: Small Beginnings, Significant Outcomes. Durham University, Durham, United Kingdom, July 18, 2017.



- 2016 The Ecology of Mother-Infant Immune Function in the US and Kenya. Perinatal Research Seminar, Tampa General Hospital. November 9, 2016.
- 2016 Global Perspectives: What Anthropology Can Tell US About Breastfeeding. Culture of Breastfeeding Conference, Hillsborough County Breastfeeding Task Force. February 19, 2016.
- 2012 The Assessment of Cytokines in Dried Blood Spots (DBS). Biomarker Network Meeting, Population Association of America 2012 Meeting, San Francisco, May 2, 2012.

**INTERNAL TALKS AND LECTURES**

- 2017 Human niche construction, immune function, and emerging infections: a case of mothers and infants in rural Kenya. First Evolution Symposium, Evolution Interest Group, University of South Florida. November 17, 2017.
- 2017 Anthropology in the NICU. Anthropology in Action Day, Department of Anthropology, University of South Florida. February 22, 2017.
- 2017 You Are What You Eat: Milk and Babies in Kenya and the US. Undergraduate Anthropology Club, University of South Florida. January 24, 2017.
- 2016 Food Insecurity and Breastfeeding in the United States: An Anthropological Perspective (with T. Deubel). Research That Matters Symposium: The New Face of Food Insecurity. Office of Community Engagement and Partnerships, University of South Florida. April 22, 2016.
- 2016 Breastfeeding and African American Women at Genesis Women's Center (with T. Deubel, I. Hernandez, A. Louis-Jacques). Research that Matters Symposium: Coming Home to Social Justice: How Community Participation and Cross-Sector Collaboration Can Have a Collective Impact on Health Equity. Office of Community Engagement and Partnerships, University of South Florida. March 4, 2016.
- 2015 Lactogenesis and Family Planning. Maternal and Child Health Student Organization Symposium, University of South Florida. With the Hillsborough County Breastfeeding Task Force. March 20, 2015.
- 2015 The Ecology of Immunity among the Ariaal of Northern Kenya. Occasional Lecture Series, Department of Anthropology, University of South Florida. February 17, 2015.
- 2014 The Ecology of Immunity among the Ariaal of Northern Kenya. Integrative Biology Seminar Series, Department of Integrative Biology, University of South Florida. January 23, 2014.
- 2011 Breastfeeding and Anthropology in the Ariaal People of Northern Kenya, Four-Field Graduate Talks, University of Michigan. February 17, 2011.

**PROFESSIONAL ASSOCIATIONS**

- 2013- International Society for Research on Human Milk and Lactation
- 2009- Sigma Xi
- 2005- American Association of Physical Anthropology
- 2005- Human Biology Association

**PROFESSIONAL SERVICE**

- 2017- Publications Committee, Human Biology Association
- 2015-17 Program committee, American Association of Physical Anthropologists' 2016 & 2017 Annual Meeting

2015-16	Program committee, Human Biology Association's 2016 Annual Meeting
2013-	Ad hoc grant reviewer for Sigma Delta Epsilon Graduate Women in Science National Fellowships Program; National Science Foundation Biological Anthropology Section; National Science Foundation Cultural Anthropology Section; Leakey Foundation
2011-	Ad hoc journal reviewer for <i>American Journal of Human Biology</i> ; <i>American Journal of Physical Anthropology</i> ; <i>American Journal of Primatology</i> ; <i>Current Anthropology</i> ; <i>Journal of Developmental Origins of Health and Disease</i> ; <i>Ecology of Food and Nutrition</i> ; <i>Ethnomedicine and Ethnobiology</i> ; <i>Evolutionary Anthropology</i> ; <i>Evolution, Medicine, and Public Health</i> ; <i>Journal of Human Lactation</i> ; <i>Human Organization</i> ; <i>Maternal and Child Nutrition</i> ; <i>Medical Anthropology Quarterly</i> ; <i>Journal of Pediatric Gastroenterology and Nutrition</i> ; <i>PLOS ONE</i> ; <i>Reproductive Sciences</i> ; <i>Social Science &amp; Medicine</i> ; <i>Yearbook of Physical Anthropology</i>
2011-12	Reviewer for American Association of Physical Anthropologists' Undergraduate Research Symposium

## **ADMINISTRATIVE EXPERIENCE**

2017-	Undergraduate Director, Department of Anthropology, University of South Florida <ul style="list-style-type: none"> <li>• Oversee undergraduate curriculum (B.A. in Anthropology, minors in Anthropology and Biomedical Anthropology)</li> <li>• Curriculum mapping for B.A. in Anthropology</li> <li>• Collect data and analyze for yearly B.A. assessment</li> <li>• Chair Undergraduate Committee</li> <li>• Administer undergraduate honors program and undergraduate awards</li> <li>• Maintain and update undergraduate catalog</li> <li>• Propose and develop curriculum for department's new B.S. degree in Biomedical Anthropology</li> <li>• Develop curriculum and programming to make B.A. in Anthropology a Global Pathways major as part of the Global Citizen's Project at USF (Quality Enhancement Plan)</li> <li>• Design and propose courses for University's new General Education program</li> <li>• Attend major fairs and recruitment events (6+ per year)</li> <li>• Orient all new instructors to departmental and university policies</li> <li>• Organize and manage class schedule and enrollment for department of 25+ faculty members</li> <li>• Administrative backup for fiscal, travel, and research (IRB and internal forms)</li> <li>• Plan departmental retreats</li> </ul>
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## **UNIVERSITY SERVICE**

2017-	Chair, Undergraduate Committee, Department of Anthropology, University of South Florida
2014-	Co-coordinator, Medical Anthropology Graduate Certificate Program, Department of Anthropology, University of South Florida
2017-18	College of Arts and Sciences Undergraduate Curriculum Committee, University of South Florida
2017-18	School of Social Sciences Undergraduate Curriculum Committee, University of South Florida
2016-17	Chair, Human biology graduate concentration committee, Department of Anthropology, University of South Florida
2016-17	Core Facilities Committee, College of Arts and Sciences, University of South Florida
2013, 16, 17	Graduate Student Admissions committee, Department of Anthropology, University of South Florida
2015-16	Search committee member, Biological anthropology assistant professor search, Department of Anthropology, University of South Florida
2014-15	Provost's Council on Teaching Excellence, University of South Florida
2014-16	Computer Committee, College of Arts and Sciences, University of South Florida
2014-15	Committee member, Tenure and Promotion Guidelines Revision Committee, Department of Anthropology, University of South Florida
2014	Committee member, Anthropology of medicine minor program, Department of Anthropology, University of South Florida
2014	Search committee member, Forensic anthropology instructor search, Department of Anthropology, University of South Florida
2013	Outside chair for dissertation defense, Department of Integrative Biology, University of South Florida
2013-14	Academy for Teaching and Learning Excellence Faculty Liaison, University of South Florida

- 2013 Graduate Student Workshop: Applying for an Academic Job, Department of Anthropology, University of South Florida
- 2012-13 Peace Corps Masters Committee, Department of Anthropology, University of South Florida
- 2012-13 Angrosino Award reviewer, Department of Anthropology, University of South Florida
- 2012 Discussant, Graduate Student Colloquium, Department of Anthropology, University of South Florida
- 2009 Student representative to faculty search committee, Department of Anthropology, University of Michigan
- 2006-07 Student representative to faculty meetings, Department of Anthropology, University of Michigan

**COMMUNITY SERVICE**

- 2016, 18 Planned “Culture of Breastfeeding” conference with Hillsborough County (now Tampa Bay) Breastfeeding Task Force, Tampa General Hospital, Tampa, FL. This conference was designed to educate breastfeeding professionals on cultural diversity in breastfeeding populations and featured nationally-recognized experts in breastfeeding in NICU, hospital, community, and global settings. It is held annually, now heading into its fourth year.
- 2015 Panel discussion, Healthy Start of Manatee County
- 2013-17 Executive committee member, Hillsborough County (Tampa Bay) Breastfeeding Task Force, Tampa, FL
- 2012- Member, Hillsborough County (Tampa Bay) Breastfeeding Task Force, Tampa, FL