

Achsah Dorsey, PhD

Department of Anthropology
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RESEARCH INTERESTS: human biology, global health, child growth and development, nutrition, immune function, evolutionary medicine, disease ecology, life-history theory, biocultural perspectives on health and human development, South America and Sub-Saharan Africa

APPOINTMENTS

2020-present Assistant Professor, Department of Anthropology, University of Massachusetts - Amherst

EDUCATION

2014-2020 Doctor of Philosophy in Anthropology, University of North Carolina - Chapel Hill
Advisor: Dr. Amanda Thompson
Title: *Iron, Infection, and Malnutrition: An exploration of childhood anemia in a Peruvian peri-urban community.*

2012-2014 Master of Arts in Anthropology, University of Alabama - Tuscaloosa
Advisor: Dr. Jason DeCaro
Title: *An investigation of sex-differentiated parental care and child health outcomes in Northwest Tanzania*

2007-2011 Bachelor of Science in Biological Anthropology, Pennsylvania State University - University Park

2010 Spring Semester Study Abroad, University of Cape Town, South Africa

GRANTS & FELLOWSHIPS

2020-2022 The Ohio State University President's Postdoctoral Scholar (declined)

2020 Institute for the Study of the Americas Mellon Conference Travel Award

2019 The Graduate and Professional Student Federation Travel Award

2019-2020 International Chapter of P.E.O. Sisterhood Scholar Award

2019 Institute for the Study of the Americas Mellon Dissertation Grant

2019 Professional Pathways Program Richard Bland Fellowship

2019 Stephens Family Fund for Graduate Student Excellence in the Arts and Social Sciences

2018 Federico Gil Fund in Latin American Studies Travel Award

2018 Latin American Studies Association Individual Travel Grant

2017 Institute for the Study of the Americas Mellon Conference Travel Award

2017 Fulbright Hays Doctoral Dissertation Research Abroad Fellowship

2017 University of North Carolina Graduate Tuition Incentive Scholarship

2017 National Science Foundation Doctoral Dissertation Research Improvement Grant

2017 Frank Porter Graham Institute James J. Gallagher Dissertation Award

2017 Sigma Xi Grants in Aid of Research

2017 American Philosophical Society Lewis and Clark Fund for Exploration and Field Research

2017 University of North Carolina Tom and Karen Sox Summer Research Fellowship

2017 University of North Carolina Graduate Student Transportation Grant

2016 Triangle Center for Evolutionary Medicine Graduate Student Fellowship

2016 Institute for the Study of The Americas Pre-Dissertation Field Research Grant

2015 Harriet J. Kupferer Summer Exploratory Grant

2015 Institute for the Study of The Americas Tinker Field Research Grant

2015 The University of Alabama Outstanding Research by A Master's Student Award

2014 University of Alabama Anthropology Department – Travel Support

2014 University of Alabama Graduate School Travel and Research Support Fund

2013	University of Alabama Anthropology Department – Field Research Support
2013	University of Alabama Graduate Student Association
2013	University of Alabama Graduate School Travel and Research Support Fund
2013	University of Alabama Capstone International
2012-2013	The University of Alabama Graduate Council Fellowship

HONORS & AWARDS

2020	University of North Carolina Anthropology Graduate Commencement Speaker
2019-2020	P.E.O. Scholar
2019	Professional Pathways Programs Richard Bland Summer Fellow
2018	University of North Carolina Graduate Teaching Fellow
2017	Fulbright Hays Doctoral Dissertation Research Abroad Fellow
2017	American Philosophical Society Lewis and Clark Field Scholar
2016	Triangle Center for Evolutionary Medicine Graduate Student Fellow
2015	The University of Alabama Outstanding Research by A Master's Student Award
2015	The University of Alabama College of Arts and Sciences Outstanding Research by A Master's Student Award
2012	Lambda Alpha National Anthropology Honor Society
2012-2013	University of Alabama Graduate Council Fellow

PEER-REVIEWED PUBLICATIONS

2020	Dorsey A , AM Azcarate-Peril, & AL Thompson. Iron regulation and response: The role of iron availability and intestinal microbiota diversity on recovery from childhood anemia. (in preparation)
2020	Dorsey A & AL Thompson. Child, caretaker, and community: Testing predictors of anemia and response to iron supplementation in Peruvian pre-school-aged children. (under review)
2020	Dorsey A , ME Penny, & AL Thompson. Adiposity and pathogen exposure: An investigation of response to iron supplementation and hypothesized predictors in anemic pre-school-aged children living in a dual burden environment. (under review)
2018	Dorsey A , AL Thompson, RE Kleinman, CP Duggan, & ME Penny Iron and infection: An investigation of the optimal iron hypothesis in Lima, Peru. <i>Am J Hum Biol.</i> 30(3):e23114. https://doi.org/10.1002/ajhb.23114

OTHER PUBLICATIONS

2020	Dorsey, A. <i>Iron, Infection, and Malnutrition: An Exploration of Childhood Anemia in a Peri-Urban Community in Lima, Peru.</i> Dissertation. May 2020.
2014	Dorsey A. <i>Selected Successors: An investigation of sex-differentiated parental care and child health outcomes in Northwest Tanzania.</i> Master's Thesis. August 2014.

PUBLISHED ABSTRACTS & CONFERENCE PRESENTATIONS

2020	Dorsey A and AL Thompson. <i>Iron regulation and response: The impact of iron availability and intestinal microbiota on recovery from anemia in pre-school-aged children.</i> Human Biology Association, Los Angeles California. April 2020. *Conference Canceled due to COVID-19
2020	Dorsey A. <i>Immune activation, body fat, and anemia.</i> Society for Applied Anthropology. Albuquerque, New Mexico. *Conference Canceled due to COVID-19
2019	Dorsey A. <i>Child size and anemia: An investigation of the dual burden in pre-school aged children living in Lima, Peru.</i> American Anthropological Association. Vancouver, British Columbia. November 2019.
2019	Dorsey A. <i>Predictors of child iron deficiency anemia and response to oral iron supplementation in Lima, Peru.</i> Poster for the Human Biology Association. Cleveland, Ohio. March 2019.

- 2019 **Dorsey A.** *Seasonal patterns of hemoglobin: An exploration of childhood anemia in Lima, Peru.* North Carolina Conference on Latin American Studies. Chapel Hill, North Carolina. February 2019.
- 2018 **Dorsey A.** *Alimentación y adaptación: Nutritional adaptation and iron consumption in preschool-age children in Lima, Peru.* American Anthropological Association. San Jose, California. November 2018.
- 2018 **Dorsey A.** *Diet, Environment, and Iron: A biocultural investigation of anemia in Lima, Peru.* Latin American Studies Association XXXVI International Congress, Barcelona, Spain. May 2018.
- 2017 **Dorsey A,** AL Thompson, RE Kleinman, CP Duggan, ME Penny. *Iron and morbidity among toddlers in Lima, Peru.* Poster for the Human Biology Association, New Orleans, Louisiana. April 2017.
- 2017 **Dorsey A.** *Iron and Infection in Lima, Peru.* Southeastern Council of Latin American Studies Annual Conference, Chapel Hill, North Carolina. March 2017.
- 2016 **Dorsey A,** JA DeCaro, M Manyama, W Wilson. *The Relationship Between Child Morbidity, Food Insecurity and Maternal Mental Health in Mwanza, Tanzania.* Poster for the Human Biology Association, Atlanta, Georgia. April 2016.
- 2016 DeCaro JA, **A Dorsey,** M Manyama, W Wilson. *Cytomegalovirus antibody titers among young children in Mwanza, Tanzania: Interpretation and relationship to household conditions.* Poster for the Human Biology Association, Atlanta, Georgia. April 2016.
- 2014 **Dorsey A,** and JA DeCaro. *Sex Differences in Child Morbidity in North West Tanzania.* Poster for the Human Biology Association, Calgary, Canada. April 2014.

INVITED TALKS & POPULAR MEDIA

- 2020 *Gender and University Writing Centers.* UNC Writing Center. Chapel Hill, NC. With J. Smith. February 2020.
- 2020 *Exploring the Intestinal Microbiome as a Biological Pathway for Childhood Response to Iron Supplementation.* Carolina Population Center Interdisciplinary Workshop. Chapel Hill, NC. February 2020.
- 2019 *The Importance of International Research and Funding Women.* P.E.O. Reciprocity Luncheon. Durham, NC. November 2019.
- 2019 *Predictors of Anemia and Response to Iron Supplementation in Peruvian Pre-School Aged Children.* Frank Porter Graham Child Development Institute. Chapel Hill, NC. September 2019.
- 2019 *The Ethics of Healthcare Abroad* by Center for Global Initiatives at UNC Chapel Hill, NC. Panel Participant with C. Long, R. Lanning, and Dr. A. Tilly. March 2019.
- 2018 *Anemia and adaptation: Biocultural methods in exploring childhood anemia and iron deficiency in Lima, Peru.* Carolina Population Center Interdisciplinary Workshop. Chapel Hill, NC. October 2018.
- 2018 Featured In: *Iron woman crosses hemispheres to wipe out anemia* by Dave Shaw. Article for the Frank Porter Graham Child Development Institute. April 2018.
- 2017 *Iron and morbidity among toddlers in Lima, Peru.* Invited Poster for Triangle Center for Evolutionary Medicine Showcase. Raleigh, NC. September 2017.
- 2016 *Iron Deficiency and Infection: Current Progress and Next Steps.* Carolina Population Center Interdisciplinary Workshop. Chapel Hill, NC. November 2016.
- 2016 *Hunger and Power: Food and Inequality Across the Globe* by Edible Campus, Chapel Hill, NC. Panel Participant with Drs. C. Lentz and S. Dempsey. April 2016.
- 2015 *Childhood Economics.* Guest Lecture for Anthropology 284: Culture and Consumption. Chapel Hill, NC. November 2015.
- 2013 *The Out of Africa and Multiregional Hypotheses* Guest Lecture for Anthropology 270: Introduction to Physical Anthropology. Tuscaloosa, AL. November 2013.

PROFESSIONAL EXPERIENCE

2020	Research Affiliate at University of North Carolina at Chapel Hill
2019-present	Co-Investigator for <i>Human Biology Lab: Biospecimen Bank</i> . Chapel Hill, NC
2019	Panel Chair for <i>Bio-cultural Explorations of Caregiving, Stress, and Malnutrition in North and South America</i> at the American Anthropological Association. San Jose, CA November 2019.
2019	Microbiome Data Analyses Workshop with Microbiome Core Facility Chapel Hill, NC
2019-2020	University of North Carolina Writing Center Coach
2019	Internship with RTI International, Raleigh, NC. May-July 2019
2019	Course Assistant for <i>Anth 676: Research Methods in Human Biology</i> . Chapel Hill, NC
2018	Triangle Global Health Mentorship Program
2017-2018	Research Affiliate at the <i>Instituto de Investigación Nutricional</i> in La Molina, Lima, Peru
2017	Panel Chair for <i>Anthropological Investigations of the Relationship between Socioeconomic Conditions and Health</i> at the Southeastern Council of Latin American Studies Annual Conference. Chapel Hill, NC March 2017
2016	Qualitative Research Guide Developer for <i>International Center for Tropical Agriculture</i> Recta Cali-Palmira, Colombia. June-August 2016
2015- present	Pre-Doctoral Trainee at the Carolina Population Center. Chapel Hill, NC
2015- 2017	Research Assistant for <i>Effects of BMI and stress on inflammatory resolution after influenza vaccination</i> . Chapel Hill, NC
2013-2014	Research Assistant for <i>Improving Family Well-Being and Child School Readiness: Power PATH Dual Generation Intervention with Head Start Preschoolers and their Parents</i>
2012-2014	Principal Investigator for Master's Thesis: <i>Selected Successors: An Investigation of Sex-Differentiated Parental Care and Child Health in Northwest Tanzania</i> . Mwanza, Tanzania

TEACHING EXPERIENCE: INSTRUCTOR OF RECORD

2020 -present	University of Massachusetts – Amherst: <i>Anthro 397RR: Disease Ecology</i> <i>Anthro 696: Independent Study</i>
2018	University of North Carolina - Chapel Hill: <i>Anth 471: Biocultural Perspectives of Maternal and Child Health</i>
2017	Duke Talent Identification Program at Wake Forest University: <i>Stones and Bones: An Introduction to Anthropology and Archaeology</i>
2016	Duke Talent Identification Program at Appalachian State University: <i>Anthropology: Individuals, Societies, and Cultures</i> .

TEACHING EXPERIENCE: GRADUATE TEACHING ASSISTANT

2016	<i>FSHN 496A: Multidisciplinary Experiential Study of International Nutrition</i> , Instituto de Investigación Nutricional - Lima, Peru
2014-2019	<i>ANTH 470: Biomedicine and Anthropology</i> , University of North Carolina - Chapel Hill <i>ANTH 101: Introduction to Anthropology</i> , University of North Carolina - Chapel Hill <i>ANTH 319: Global Health</i> , University of North Carolina - Chapel Hill <i>ANTH 284: Culture and Consumption</i> , University of North Carolina - Chapel Hill <i>ANTH 142: Local Cultures, Global Forces</i> , University of North Carolina - Chapel Hill <i>ANTH 318: Human Growth and Development</i> , University of North Carolina - Chapel Hill
2013	<i>ANTH 270: Introduction to Physical Anthropology</i> , University of Alabama - Tuscaloosa
2013	<i>ANTH 589: Nutritional Anthropology</i> , Catholic University of Health and Allied Sciences at Bugando - Mwanza, Tanzania

STUDENT MENTORING AND ADVISING

Doctoral Guidance Committee

Sofiya Shreyer, Anthropology (member) 2020

UNIVERSITY SERVICE

2020-present	Undergraduate Curriculum Committee, Department of Anthropology, University of Massachusetts – Amherst
2019-2020	Graduate Representative for Admissions Committee (Biological Anthropology): Department of Anthropology, University of North Carolina – Chapel Hill
2013-2014	Developmental Ecology and Human Biology Lab New Member Trainer: Department of Anthropology, University of Alabama - Tuscaloosa

RESEARCH EXPERIENCE: FIELD & LABORATORY

2017-2018	Dissertation fieldwork - Lima, Peru: 11.5 months
2016	Pre-Dissertation fieldwork - Lima, Peru: 1.5 months
2015	Pre-Dissertation fieldwork - Lima, Peru: 2 months
2014-present	University of North Carolina Human Biology Lab
2013	Master's fieldwork - Mwanza, Tanzania: 3 months
2012-2014	University of Alabama Developmental Ecology and Human Biology Lab
2010-2011	Pennsylvania State University Put's Lab

RESEARCH EXPERIENCE: TRAINING & WORKSHOPS

2019	UNC Microbiome Core Facility: Bioinformatics Workshop. Chapel Hill, NC. Two day workshop on the analysis of next generation sequence data for microbiomes
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PROFESSIONAL MEMBERSHIPS

2020-present	Human Biology Association (Fellow)
2019-present	Society for Applied Anthropology
2018-2019	Exploring Wellbeing: Human-Environment Relations in Indigenous and Afro-descendant Communities Working Group
2017-present	American Anthropological Association
2017-present	Latin American Studies Association
2016-2017	Evolutionary Perspectives on Global Health: Plasticity and Pathways Working Group
2016-2017	Anthropology Curriculum Committee Student Representative
2015-present	Population Association of America
2014-present	University of North Carolina Society of Anthropology Students Faculty Liaison: 2019-2020 Teaching and Curriculum Advocate: 2019-2020 Teaching and Curriculum Advocate: 2017-2018 (declined) Welcome Weekend Chair: 2016-2017 Welcome Weekend Committee: 2015-2016
2013-2020	Human Biology Association (Student)

PROFESSIONAL SKILLS

Proficient In: Microsoft Word, Excel, PowerPoint, STATA, Dried Blood Spot Collection, Enzyme Immunoassay, Adult and Child Anthropometry

Spanish Language: Intermediate Conversational, Reading, and Writing Language Proficiency Assessment. El Sol - Escuela de Español, Miraflores, Lima, Peru, December 2017

References available upon request