

Sakura Oyama

sakura.oyama@yale.edu

EDUCATION

2018 – present	Yale University MD/PhD student in Biological Anthropology
2017 – 2018	University of Cambridge MPhil in Applied Biological Anthropology
2013 – 2017	Washington University in Saint Louis BA in Anthropology & Biology, <i>Magna cum laude</i>

TEACHING EXPERIENCE

Spring 2022 New Haven, CT	Teaching Fellow, ANTH 242 Human Evolutionary Biology and Life History Theory <i>Yale University, Department of Anthropology</i>
Fall 2021 New Haven, CT	Teaching Fellow, ANTH 230 Evolutionary Biology of Women's Reproductive Lives <i>Yale University, Department of Anthropology</i>
Fall 2016 St. Louis, MO	Teaching Assistant, BIO 2970 Principles of Biology II <i>Washington University, Department of Biology</i>

RESEARCH EXPERIENCE

2018 – present New Haven, CT Apia, Samoa	Doctoral researcher <i>Yale University, Department of Anthropology</i> Mentor: Nicola Hawley & Richard Bribiescas <ul style="list-style-type: none">• Conducting dissertation research on the impact of obesity on female reproductive health in Samoa• Led follow-up of “Fofoaga o le Ola (Beginning of Life)” cohort to assess early life risk factors for obesity in Samoa
2017 – 2018 Cambridge, UK	MPhil student researcher <i>University of Cambridge, Division of Biological Anthropology</i> Mentor: Daniel Longman <ul style="list-style-type: none">• Investigated relationship between fluctuating asymmetry, resting metabolic rate and athletic performance in rowers (MPhil dissertation)
2016 – 2017 St. Louis, MO	Undergraduate researcher <i>Washington University School of Medicine, Department of Genetics</i> Mentor: Heather Lawson <ul style="list-style-type: none">• Examined impact of high-fat diet on regulation of genes underlying variation in metabolic traits in SM/J mice using RT-qPCR and immunohistochemistry
2015 – 2017 St. Louis, MO Antananarivo, Madagascar	Undergraduate researcher <i>Washington University, Department of Anthropology</i> Mentors: Carolyn Sargent & Roland Pritchett <ul style="list-style-type: none">• Conducted semi-structured interviews with laypeople and health professionals in 67ha, Antananarivo to understand how the local political economy impacts Malagasy health-seeking strategies (senior honors thesis)

PUBLICATIONS

Oyama S, Arslanian KJ, Fidow UT, Naseri T, Soti-Ulberg C, Hawley NL. Cross-Sectional and Prospective Associations between Household Socioeconomic Resources, Appetite Traits, and Body Size among Samoan Infants. Under review at *Appetite* (October 2022).

Oyama S, Arslanian KJ, Levy SB, Ocobock CJ, Fidow UT, Naseri T, Hawley NL. Feasibility of using infrared thermal imaging to examine brown adipose tissue in infants aged 18 to 25 months. *Annals of Human Biology*. 2021;48(5):374–381. doi: 10.1080/03014460.2021.1985607

Oyama S, Arslanian KJ, Fidow, UT, Naseri T, Soti-Ulberg C, Hawley, NL. Factorial Validation Analysis of the Baby and Children's Eating Behavior Questionnaires in Samoa. *Eat Behav*. 2021;42:101530. doi: 10.1016/j.eatbeh.2021.101530

Oyama S, Duckham RL, Arslanian KJ, Kershaw EE, Fidow UT, Naseri T, Hawley NH. Body size and composition of Samoan toddlers aged 18-25 months in 2019. *Ann Hum Biol*. 2021;48(4):346-349. doi: 10.1080/03014460.2021.1951351

Oyama S, Tautolo ES, Tukuitonga C, Rush EC. Pacific Island Families Study: adverse impact of food insecurity on child body composition. *N Z Med J*. 2021;131(1543):30-38.

Longman D, **Oyama S**, Cracknell J, Thompson N, Gordon D, Stock J, Wells J. Fluctuating asymmetry, a marker of poor growth quality, is associated with adult metabolic rate. *Am J Phys Anthropol*. 2021;1–10. doi: 10.1002/ajpa.24276

Carson C, Macias-Velasco JF, Gunawardana S, Miranda MA, **Oyama S**, St Pierre CL, Schmidt H, Wayhart JP, Lawson HA. Brown Adipose Expansion and Remission of Glycemic Dysfunction in Obese SM/J Mice. *Cell Rep*. 2020 Oct 6;33(1):108237. doi: 10.1016/j.celrep.2020.108237. 33027654.

Oyama S, Terry SF. Epigenetics and Racial Health Inequities. *Genet Test Mol Biomarkers*. 2016 Sep;20(9):483-4. doi: 10.1089/gtmb.2016.29021.sjt. 27636025.

PRESENTATIONS

Oyama S, Arslanian, Fidow U, Naseri T, Hawley N. Socioeconomic status, appetite traits, and infant body size in Samoa. *Human Biology Association Annual Meeting, Denver, CO, April 2020* (poster presentation).

Oyama S, Arslanian K, Levy S, Ocobock C, Fidow U, Naseri T, Hawley N. Thermal imaging of brown adipose tissue activity in Samoan infants. *Human Biology Association Annual Meeting, Los Angeles, CA, April 2020* (poster presentation, conference canceled).

Oyama S. Infant Development and Adiposity in Samoa. *Yale School of Public Health Downs Fellowship Annual Symposium, New Haven, CT, October 2019* (oral presentation).

Oyama, S. “Exercising Agency in Medical Decision-Making Processes: A Case Study of 67ha, Antananarivo.” *Washington University Department of Anthropology Undergraduate Research Symposium, Saint Louis, MO, May 2017* (poster presentation).

Oyama, S. “Characteristics of Adipocytes and Extracellular Matrix in Brown Adipose Tissue Expansion in Mice.” *Washington University Undergraduate Research Symposium, Saint Louis, MO, May 2017* (poster presentation).

HONORS, AWARDS AND GRANTS

2022 – present	Fogarty Global Health Equity Scholars Fellowship, National Institute of Health
2022 – present	Doctoral Dissertation Research Improvement Grant, National Science Foundation
2022 – present	International Dissertation Research Fellowship, Yale University MacMillan Institute
2022 – present	Dissertation Fieldwork Grant, Wenner-Gren Foundation
2021 – present	Graduate Writing Fellow, Yale University Poorvu Center for Teaching and Learning
2019	Downs International Health Student Travel Fellowship, Yale School of Public Health
2017 – 2018	Gates Cambridge Scholarship
2017	Phi Beta Kappa Honors Society
2016 – 2017	Lambda Alpha National Anthropology Honors Society
2013 – 2017	Dean’s List, Washington University in St. Louis

SERVICE & LEADERSHIP

2020	Volunteer, Covid-19 Contact Tracing Team, Yale School of Public Health
2017 – 2018	Postgraduate Welfare Officer, St. John’s College, University of Cambridge
2016 – 2017	Blood Drive Coordinator, Washington University in St. Louis
2016 – 2017	Director of Partnerships, GlobeMed at WashU, Washington University in St. Louis
2015 – 2017	Civic Scholar, Gephardt Institute, Washington University in St. Louis