

Curriculum Vitae

SAMUEL S. URLACHER, PH.D.

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Director, Human Evolutionary Biology and Health Lab, https://sites.baylor.edu/samuel_urlacher/

RESEARCH AND TEACHING FOCI

Human evolutionary biology; Evolutionary medicine; Global health; Energetics & metabolism; Obesity; Nutrition; Stress; Immunology/Inflammation; Childhood; Life history theory; Growth and development; Developmental origins of health & disease; Market integration; Epidemiologic transition; Gut function

PROFESSIONAL APPOINTMENTS

- 2019-present Assistant Professor, Baylor University
Department of Anthropology
Department of Biology (secondary)
Member, Global Health Steering Committee
- 2020-present Azrieli Global Scholar, CIFAR
Child & Brain Development Program
- 2018-2019 Postdoctoral Associate, Duke University
Department of Evolutionary Anthropology (Mentor: H Pontzer)
- 2016-2018 National Science Foundation SPRF Postdoctoral Fellow, Hunter College (CUNY)
Department of Anthropology (Mentors: H Pontzer, J Snodgrass, L Dugas)

EDUCATION

- 2016 Ph.D., Human Evolutionary Biology, Harvard University
Committee: P Ellison (chair), J Snodgrass, L Sugiyama, K Kramer, D Lieberman
- 2012 M.A., Human Evolutionary Biology, Harvard University
- 2009 B.S., Human Biology & Anthropology, Brown University

LONG-TERM DIRECTED RESEARCH PROJECTS

- 2011-present *Shuar Health & Life History Project – Ecuador (co-director, www.shuarproject.org)*
Co-directors: M Liebert (NAU), F Madimenos (Queens), J Snodgrass (U. Oregon)
Local collaborators: E Terán, Federación Interprovincial de Centros Shuar, others
Funders: NSF, Leakey Foundation, Wenner-Gren Foundation, others
- 2014-present *Garisakang Evolutionary Anthropology Project – Papua New Guinea (co-director)*
Co-director: M Konečná (U. South Bohemia)
Local collaborators: Institute for Medical Research, Binatang Research Center
Funders: Czech Science Foundation

RESEARCH GRANTS AND FELLOWSHIPS (EXTERNAL AWARDS WITH **)

- 2022-2025 **National Institutes of Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development, R15 Award (\$418,933). *The impact of environmental enteric dysfunction on the growth and energy expenditure of school-age children: analysis of unique longitudinal data and finger-prick dried blood spot biomarkers*. Role: PI.
- 2021-2023 **Jacobs Foundation and CIFAR, Seed Funding Award (\$41,581). *Child Development and Health with the Transition from Slums to Subsidized Housing*. Role: Co-PI with E Undurraga (PI) and D McCoy.
- 2021-2022 **Jacobs Foundation and CIFAR, Seed Funding Award (\$41,581). *Improving data visualization and communication to the public*. Role: Co-I with Y Zhou (PI), A Liu, A Gerstein, L Haraoui, R Shapiro, C Tropini, S Hofer, and S Tsuji.
- 2021-2023 **CIFAR, Catalyst Grant (\$41,581). *The hidden costs of COVID-19 on child development and health: Investigating pathways linking inactivity, adrenarche, and brain development among disadvantaged children*. Role: PI. Co-PIs: A Mackey and T McDade.
- 2020-2024 **CIFAR, Azrieli Global Scholar (\$77,082). Role: PI.
- 2016-2018 **National Science Foundation, SPRF Postdoctoral Research Fellowship #SMA1606852 (\$224,031). *Tradeoffs in childhood energy allocation and the impact of market integration on ontogeny and health*. Role: PI. Co-PIs: H Pontzer, J Snodgrass, L Dugas.
- 2015-2016 Harvard University, Washkowitz Dissertation Completion Fellowship (\$27,000).
- 2013 -2015 **National Science Foundation, Doctoral Dissertation Improvement Grant #BCS1340958 (\$13,233). *Doctoral Dissertation Improvement: Growth, immune function, and the energetics of childhood*. Role: Co-PI with P Ellison.
- 2013-2014 **Leakey Foundation, General Research Grant (\$12,960). *Childhood energetics: growth, immune function, and tradeoffs in Amazonia*. Role: PI.
- 2012 **National Science Foundation, Research Experience for Graduates Award #DGE1144152 (\$4,988). *The impact of market integration on childhood time allocation, energy expenditure, and body composition in a rapidly modernizing indigenous Maya community*. Role: Graduate researcher. PI: K Kramer.
- 2012-2013 Harvard University, Frederick Sheldon Traveling Fellowship (\$24,000). *The energetics of childhood in Amazonian Ecuador*.
- 2011 Harvard University, Human Evolutionary Biology pilot research award (\$2,000).
- 2011 Harvard University, Graduate School of Arts and Sciences summer stipend award.
- 2011-2015 **National Science Foundation, Graduate Research Fellowship #DGE1144152 (\$138,000). *Energy balance and twinning in rural Gambian women*. Role: Co-PI with P Ellison.
- 2010 Harvard University, Human Evolutionary Biology pilot research award (\$2,000).
- 2010 Harvard University, Graduate School of Arts and Sciences summer stipend award.
- 2008 Brown University, Karen T. Romer Undergraduate Teaching and Research Award (\$3,500). *Female infertility and fetal programming in American Samoa*. Mentor: S McGarvey.
- 2007 **National Science Foundation, Research Experience for Undergraduates Award, University of Montana Flathead Lake Biological Station (\$4,000). *Male mating energetics and decision-making processes in the sierra dome spider*. Mentor: P. Watson.

RESEARCH GRANT CONSULTANCIES

2022-2026 National Institutes of Health, National Heart, Lung, and Blood Institute, R01. *The effects of early psychosocial deprivation on cardiometabolic risk in early adulthood*. PI: N Slopen

PEER-REVIEWED PUBLICATIONS

- In Review **Urlacher SS**, Kim LY, Luan T, Young L, Adjetey B. Minimally invasive biomarkers in human and non-human primate evolutionary biology: Tools for understanding variation and adaptation.
- In Review Lea AJ, Clark A, Dahl A, Devinsky O, Garcia A, Golden C, Kamau J, Kraft T, Martins D, Pajukanta P, Perry G, Pontzer H, Trumble BC, **Urlacher SS**, Venkataraman V, Wallace I, Gurven M†, Lieberman D†, Ayroles JF. Evolutionary mismatch and the role of GxE interactions in human disease.
- In Review Luke A and the IAEA DLW Database Team (incl. **Urlacher SS**). Total energy expenditure and body composition in populations across the socioeconomic spectrum.
- In Review Speakman J and the IAEA DLW Database Team (incl. **Urlacher SS**). Total energy expenditure has declined over the last 4 decades due to declining basal expenditure not reduced activity expenditure.
- In Review Yamada Y and the IAEA DLW Database Team (incl. **Urlacher SS**). Human water intake: great variation associated with environmental and lifestyle factors.
- In Press Zhang X and the IAEA DLW Database Team (incl. **Urlacher SS**). Human total, basal and activity energy expenditures are independent of ambient environmental temperature. *iScience*.
- In Press Gildner TE, Cepon-Robins TJ, **Urlacher SS**. Cumulative host energetic costs of soil-transmitted helminth infection. *Trends in Parasitology*. DOI: <https://doi.org/10.1016/j.pt.2022.04.007>.
- 2022 Rimbach R and the IAEA DLW Database Team (incl. **Urlacher SS**). Total energy expenditure is repeatable in adults but not associated with short-term changes in body composition. *Nature Communications* 13(99). DOI: 10.1038/s41467-021-27246-z.
- 2021 **Urlacher SS**, Snodgrass JJ, Dugas LR, Madimenos FC, Sugiyama LS, Liebert MA, Joyce CJ, Terán E, Pontzer H. Childhood daily energy expenditure does not decrease with market integration and is not related to adiposity in Amazonia. *The Journal of Nutrition* 195(3):695-704. DOI: 10.1093/jn/nxaa361.
- 2021 **Urlacher SS**. Child growth and development: new insights from evolutionary energetics. *Annals of Human Biology*. DOI: <https://doi.org/10.1080/03014460.2021.1974090>.
- 2021 Barrett TM, Liebert MA, Eick GN, Ridgeway-Diaz JG, Madimenos FC, Blackwell AD, **Urlacher SS**, Sugiyama LS, Snodgrass JJ. Age-Related Patterns of Cytomegalovirus Antibodies Accompanying Epstein-Barr Virus Co-Infection. *American Journal of Human Biology* 2021:e23713. DOI: 10.1002/ajhb.23713.
- 2021 Careau V and the IAEA DLW Database Team (incl. **Urlacher SS**). Energy compensation and adiposity in humans. *Current Biology* 31:1-8. DOI: 10.1016/j.cub.2021.08.016
- 2021 Cepon-Robins TA, Blackwell AD, Gildner TE, Liebert MA, **Urlacher SS**, Madimenos FC, Eick GN, Snodgrass JJ, Sugiyama LS. Pathogen disgust sensitivity protects against infection in a high pathogen environment. *Proceedings of the National Academy of Sciences* 118(8):e2018552118. DOI: 10.1073/pnas.2018552118.

- 2021 DeLouize AM, Liebert MA, Madimenos FC, **Urlacher SS**, Schrock JM, Cepon-Robins TJ, Gildner TE, Blackwell AD, Harrington CJ, Amir D, Bribiescas RG, Snodgrass JJ, Sugiyama LS. Low prevalence of anemia among Shuar communities of Amazonian Ecuador. *American Journal of Human Biology* 2021:e23590. DOI: 10.1002/ajhb.23590
- 2021 Pontzer H and the IAEA DLW Database Team (incl. **Urlacher SS**). Daily energy expenditure through the human life course. *Science* 373:808-812. DOI: 10.1126/science.abe5017.
- 2021 Pontzer H, Brown MH, Wood BM, Raichlen DA, Mabulla AZP, Harris JA, Dunsworth H, Hare B, Walker K, Luke A, Dugas LR, Schoeller D, Plange-Rhule J, Shumaker PRW, Rothman JM, Vogel E, Sulisty F, Alavi S, Prasetyo D, **Urlacher SS**, Ross SR. Evolution of Water Conservation in Humans. *Current Biology* 31:1-7. DOI: 10.1016/j.cub.2021.02.045
- 2021 Speakman J and the IAEA DLW Database Team (incl. **Urlacher SS**). A standard calculation methodology for human doubly labeled water studies. *Cell Reports Medicine* 2:100203. DOI: 10.1016/j.xcrm.2021.100203.
- 2021 Westerterp K and the IAEA DLW Database Team (incl. **Urlacher SS**). Physical activity and fat-free mass during growth and in later life. *American Journal of Clinical Nutrition* 21(114):1583-1589. DOI: <https://doi.org/10.1093/ajcn/nqab260>.
- 2020 Gildner TE, Cepon-Robins TJ, Liebert MA, **Urlacher SS**, Schrock JM, Harrington CJ, Madimenos FC, Snodgrass JJ, Sugiyama LS. Market integration and soil-transmitted helminth infection among the Shuar of Amazonian Ecuador. *PLoS ONE* 15(7):e0236924. DOI: 10.1371/journal.pone.0236924.
- 2020 Madimenos FC, Liebert MA, Cepon-Robins TJ, **Urlacher SS**, Snodgrass JJ, Sugiyama LS, Stieglitz J. Disparities in bone density across contemporary Amazonian forager-horticulturalists: Cross population comparison of the Tsimane and Shuar. *American Journal of Physical Anthropology* 171(1):50-64. DOI: 10.1002/ajpa.23949.
- 2019 **Urlacher SS**, Snodgrass JJ, Dugas LR, Sugiyama LS, Liebert MA, Joyce CJ, Pontzer H. Constraint and tradeoffs regulate energy expenditure during childhood. *Science Advances* 5(12):eaax1065. DOI: 10.1126/sciadv.aax1065.
- 2019 Cepon-Robins TJ, Gildner TE, Schrock J, Eick G, Liebert MA, **Urlacher SS**, Madimenos FC, Harrington CJ, Amir D, Bribiescas RG, Sugiyama LS, Snodgrass JJ. Soil-transmitted helminth infection and intestinal inflammation among the Shuar of Amazonian Ecuador. *American Journal of Physical Anthropology* 170(1):65-74. DOI: 10.1002/ajpa.23897.
- 2019 Christopher L, Madimenos FC, Bribiescas RG, **Urlacher SS**, Snodgrass JJ, Sugiyama LS, Pontzer H. High energy requirements and water throughput of adult Shuar forager horticulturalists of Amazonian Ecuador. *American Journal of Human Biology* 31:e23223. DOI: 10.1002/ajhb.23223.
- 2018 **Urlacher SS**, Ellison PT, Sugiyama LS, Pontzer H, Eick G, Liebert MA, Cepon-Robins TJ, Gildner TE, Snodgrass JJ. Tradeoffs between immune function and childhood growth among Amazonian forager-horticulturalists. *Proceedings of the National Academy of Sciences* 115(17):e3914-3921. DOI: 10.1073/pnas.1717522115.
- 2018 **Urlacher SS** & Kramer KL. Evidence for energetic tradeoffs between physical activity and childhood growth across the nutritional transition. *Scientific Reports* 8(369):1-10. DOI: 10.1038/s41598-017-18738-4.

- 2018 **Urlacher SS**, Liebert MA, and Konečná M. Global variation in diurnal cortisol rhythms: Evidence from Garisakang forager-horticulturalists of lowland Papua New Guinea. *Stress* 21(2):101-109. DOI: 10.1080/10253890.2017.1414798.
- 2018 Slopen N, Zhang J, **Urlacher SS**, DeSilva G, Mittal M. Maternal experiences of intimate partner violence and C-reactive protein levels in young children in Tanzania. *Social Science & Medicine – Population Health* 6(2018):107-115. DOI: 10.1016/j.ssmph.2018.09.002.
- 2018 Stagaman K, Cepon-Robins TJ, Liebert MA, Gildner TE, **Urlacher SS**, Madimenos FC, Guillemin K, Snodgrass JJ, Sugiyama LS, Bohannan BJM. Market Integration Predicts Human Gut Microbiome Attributes across a Gradient of Economic Development. *mSystems* 3(1):1-10. DOI: 10.1128/mSystems.00122-17.
- 2017 Konečná M & **Urlacher SS**. Male social status and its predictors among Garisakang forager horticulturalists of lowland Papua New Guinea. *Evolution and Human Behavior* 38(6):789-797. DOI: 10.1016/j.evolhumbehav.2017.05.005.
- 2017 Blackwell AD, **Urlacher SS**, Boheim B, von Rueden C, Jaeggi A, Stieglitz J, Trumble BC, Gurven M, Kaplan H. Growth references for Tsimane forager-horticulturalists of the Bolivian Amazon. *American Journal of Physical Anthropology* 162(3):441-461. DOI: 10.1002/ajpa.23128.
- 2016 **Urlacher SS**, Liebert MA, Snodgrass JJ, Blackwell AB, Cepon-Robins TJ, Gildner TE, Madimenos, FC, Amir D, Bribiescas RG, Sugiyama LS. Heterogeneous effects of market integration on sub-adult body size and nutritional status among the Shuar of Amazonian Ecuador. *Annals of Human Biology* 43(4):316-329. DOI: 10.1080/03014460.2016.1192219.
- 2016 **Urlacher SS**, Snodgrass JJ, Cepon-Robins TJ, Liebert MA, Gildner TE, Sugiyama LS. The application of knemometry to measure childhood short-term growth among the indigenous Shuar of Ecuador. *American Journal of Physical Anthropology* 160(2):353-357. DOI: 10.1002/ajpa.22953.
- 2016 **Urlacher SS**, Blackwell AD, Liebert MA, Madimenos FC, Snodgrass JJ, Sugiyama LS. Physical growth of the Shuar: Height, weight, and BMI references for an indigenous Amazonian population. *American Journal of Human Biology* 28(1):16-30. DOI: 10.1002/ajhb.22747.
- 2016 Eick G, **Urlacher SS**, McDade TW, Snodgrass JJ. Validation of an optimized ELISA for quantitative assessment of Epstein-Barr virus antibodies from dried blood spots. *Biodemography and Social Biology* 62(2):222-233. DOI: 10.1080/19485565.2016.1169396.
- 2016 Gildner TE, Cepon-Robins TJ, Liebert MA, **Urlacher SS**, Madimenos FC, Snodgrass JJ, Sugiyama LS. Regional variation in *Ascaris lumbricoides* and *Trichuris trichiura* infections by age cohort and sex: effects of market integration among the indigenous Shuar of Amazonian Ecuador. *Journal of Physiological Anthropology* 35(28):1-11. DOI: 10.1186/s40101-016-0118-2.
- 2015 Konečná M & **Urlacher SS**. Effect of chewing betel nut (*Areca catechu*) on the measurement of salivary cortisol levels. *American Journal of Physical Anthropology* 158(1):151-154. DOI: 10.1002/ajpa.22766.

- 2014 Cepon-Robins, TJ, Liebert MA, Gildner TE, **Urlacher SS**, Colehour AM, Snodgrass JJ, Madimenos FC, Sugiyama LS. Soil-transmitted helminth prevalence and infection intensity among geographically and economically distinct Shuar communities in the Ecuadorian Amazon. *Journal of Parasitology* 100(5):598-607. DOI: 10.1645/13-383.1.
- 2014 Colehour AM, Meadow JF, Liebert MA, Cepon-Robins TJ, Gildner TE, **Urlacher SS**, Bohannan BJM, Snodgrass JJ, Sugiyama LS. Local domestication of lactic acid bacteria via cassava beer fermentation. *PeerJ* 2:e479. DOI: 10.7717/peerj.479.
- 2012 Ellison PT, Reiches MW, Shattuck-Faegre H, Breakey AA, Konecna M, **Urlacher SS**, Wobber V. Puberty as a life history transition. *Annals of Human Biology* 39(5):352-60. DOI: 10.3109/03014460.2012.693199.
- 2011 Lambert-Messerlian G, Roberts MB, **Urlacher SS**, Ah-Ching J, Viali S, Urbanek M, McGarvey ST. First assessment of menstrual cycle function and reproductive endocrine status in Samoan women. *Human Reproduction* 26(9):2518-2524. DOI: 10.1093/humrep/der095.

BOOK REVIEWS

- 2022 **Urlacher SS**. First Steps: How Upright Walking Made Us Human. By Jeremy DeSilva. HarperCollins Publishers. New York. 2021. *American Journal of Human Biology* 2022:e23730. DOI: 10.1002/ajhb.23730.
- 2017 **Urlacher SS**. Childhood: Origins, Evolution, and Implications. By Courtney Meehan and Alyssa Crittenden. University of New Mexico Press and School for Advanced Research Press. Albuquerque: 2016. *American Journal of Human Biology* 29(2):e22969.

CONFERENCE PRESENTATIONS AND PUBLISHED ABSTRACTS

- 2022 **Urlacher SS**. Childhood evolutionary energetics. Energetics in Anthropology Workshop, Duke University (NSF-sponsored). **Invited speaker**
- 2021 **Urlacher SS**. Energy constraints and trade-offs in child development. Nutrition & Growth Conference 2021 (virtual). **Invited plenary speaker**
- 2021 **Urlacher SS**, Sharma A, Gilbert JA, Pontzer H, Snodgrass JJ, Gildner TE, Madimenos FC, Liebert MA, Sugiyama LS, Dugas LR. The impact of market integration on school-age children's gut microbiota and metabolism: links to diet, pathogen exposure, and linear growth among the Amazonian Shuar. Human Biology Association annual meetings (virtual).
- 2021 Blackwell AD, Cepon-Robins TJ, Gildner TE, Liebert, MA, **Urlacher SS**, Madimenos FC, Eick GN, Snodgrass JJ, Sugiyama LS. Socio-ecological variation in pathogen disgust and protection against infection in a high pathogen environment. International Society for Evolution, Medicine, and Public Health annual meetings (virtual).
- 2021 Blackwell AD, Cepon-Robins TJ, Gildner TE, Liebert, MA, **Urlacher SS**, Madimenos FC, Eick GN, Snodgrass JJ, Sugiyama LS. Human Pathogen Disgust, Changing Environments, and Risk for Disease. International Congress for Conservation Biology 2021 (virtual).

- 2021 Cepon-Robins TJ, Gildner TE, Liebert MA, **Urlacher SS**, Madimenos FC, Sugiyama LS, Snodgrass JJ. Soil-transmitted helminth infections are associated with lower levels of inflammatory cytokines among the Shuar of Amazonian Ecuador – Implications for COVID-19 outcomes in helminth endemic areas. American Association of Physical Anthropologists annual meetings (virtual).
- 2020 **Urlacher SS**, Sharma A, Gilbert JA, Pontzer H, Snodgrass JJ, Gildner TE, Madimenos FC, Liebert MA, Sugiyama LS, Dugas LR. Childhood gut microbiome composition among the Amazonian Shuar: Testing links to changing diet, lifestyle, energy expenditure, and health. American Association of Physical Anthropologists annual meetings, Los Angeles, CA (canceled due to SARS-CoV-2).
- 2020 Cepon-Robins TJ, Gildner TE, Liebert MA, **Urlacher SS**, Madimenos FC, Eick GN, Sugiyama LS, Snodgrass JJ. Relationships between macroparasite infection and cardiovascular/metabolic health among indigenous Amazonians experiencing rapid economic development. American Association of Physical Anthropologists annual meetings, Los Angeles, CA (canceled due to SARS-CoV-2).
- 2020 Gildner TE, Liebert MA, Sugiyama LS, Schrock JM, Cepon-Robins TJ, **Urlacher SS**, Harrington CJ, Madimenos FC, Bribiescas RG, Snodgrass JJ. Testosterone and cortisol do not significantly interact to influence helminth infection intensity among Shuar males of Amazonian Ecuador. Human Biology Association annual meetings, Los Angeles, CA (canceled due to SARS-CoV-2).
- 2020 Liebert MA, **Urlacher SS**, Madimenos FC, Cepon-Robins TJ, Gildner TE, Eick GN, Bribiescas RG, Sugiyama LS, Snodgrass JJ. Neuroendocrine-immune interactions among the indigenous Shuar of Amazonian Ecuador: Investigating links between diurnal cortisol activity, inflammation, and cell-mediated immunity. Human Biology Association annual meetings, Los Angeles, CA (canceled due to SARS-CoV-2).
- 2020 Madimenos FC, **Urlacher SS**, Eick GN, Liebert MA, Cepon-Robins TJ, Gildner TE, Sugiyama LS, Snodgrass JJ. Bone metabolism & immune function: A preliminary cross-sectional analysis of immune markers, osteocalcin, and TRACP-5b among indigenous Shuar youth. Human Biology Association annual meetings, Los Angeles, CA (canceled due to SARS-CoV-2).
- 2019 **Urlacher SS**, Snodgrass JJ, Dugas LR, Madimenos FC, Sugiyama LS, Pontzer H. Constraint and Tradeoffs Regulate Energy Expenditure During Childhood: Evidence from the Amazonian Shuar. Texas Association of Biological Anthropologists annual meetings, Waco, TX.
- 2019 **Urlacher SS**. Minimally invasive biomarkers in evolutionary anthropology: Tools for understanding human variation, adaptation, and developmental plasticity. American Association of Physical Anthropologists annual meetings, Cleveland, OH.
- 2019 **Urlacher SS**, Snodgrass JJ, Dugas LR, Madimenos FC, Sugiyama LS, Pontzer H. The energetic ecology of childhood: Tradeoffs in energy allocation and the impact of market integration on ontogeny and health. Human Biology Association annual meetings, Cleveland, OH.
- 2019 Gildner TE, Sugiyama LS, Liebert MA, Schrock JM, **Urlacher SS**, Amir D, Harrington CJ, Cepon-Robins TJ, Madimenos FC, Bribiescas RG, Snodgrass JJ. Diurnal testosterone patterns among Shuar men of Amazonian Ecuador: Variation in association with body mass and age. Human Biology Association annual meetings, Cleveland, OH.

- 2019 Levy SB, Sancilio A, Christopher L, Madimenos FC, **Urlacher SS**, Snodgrass JJ, Sugiyama LS, Pontzer H, Bribiescas RG. An assessment of urinary triiodothyronine (T3) levels as a biomarker of thyroid hormone action: preliminary data from the Shuar Health and Life History Project. Human Biology Association annual meetings, Cleveland, OH.
- 2019 Liebert MA & **Urlacher SS**. Statistical modeling of diurnal biomarker data: Guidelines, challenges, and future directions. American Association of Physical Anthropologists annual meetings, Cleveland, OH.
- 2019 Snodgrass JJ, Eick G, **Urlacher SS**. DBS 2.0: Renewed investment in methods development of biomarkers from dried blood spots. American Association of Physical Anthropologists annual meetings, Cleveland, OH.
- 2019 Treadway AM, Liebert MA, Madimenos FC, **Urlacher SS**, Cepon-Robins TJ, Gildner TE, Schrock JM, Harrington CJ, Amir D, Blackwell AD, Bribiescas RG, Snodgrass JJ, Sugiyama LS. Secular trends in cardiovascular and metabolic health among the indigenous Shuar of Amazonian Ecuador. American Association of Physical Anthropologists annual meetings, Cleveland, OH.
- 2018 **Urlacher SS**, Snodgrass JJ, Dugas L, Sugiyama LS, Pontzer H. Childhood energy expenditure in evolutionary medicine perspective. International Society for Evolution, Medicine, and Public Health annual meetings, Park City, UT.
- 2018 **Urlacher SS**, Liebert MA, Konečná M. Distinct HPA activity among Garisakang forager-horticulturalists of lowland Papua New Guinea: Diurnal cortisol rhythms and relationships with prospective child growth. Human Biology Association annual meetings, Austin, TX.
- 2018 **Urlacher SS**, Snodgrass JJ, Dugas L, Sugiyama LS, Pontzer H. Direct measures of total and resting energy expenditure among Shuar forager-horticulturalist children: Evolutionary and epidemiological implications. American Association of Physical Anthropologists annual meetings, Austin, TX.
- 2018 Castillo ER, **Urlacher SS**, Gurven M, Pontzer H. What kills us and why? Comparing age specific mortality profiles across human populations. International Society for Evolution, Medicine, and Public Health annual meetings, Park City, UT.
- 2018 Cepon-Robins TJ, Gildner TE, Schrock JM, Eick G, Bedbury A, Liebert, MA, **Urlacher SS**, Madimenos FC, Harrington CJ, Amir D, Bribiescas RG, Sugiyama LS, Snodgrass JJ. Immune response to soil-transmitted helminths is associated with reduced intestinal inflammation: Preliminary evidence from Amazonian Ecuador. American Association of Physical Anthropologists annual meetings, Austin, TX.
- 2018 Gildner TE, **Urlacher SS**, Liebert MA, Cepon-Robins TJ, Schrock JM, Madimenos FC, Harrington CJ, Snodgrass JJ, Sugiyama LS. Lifestyle changes and immune function: Associations between Immunoglobulin E levels and market integration among indigenous Shuar from Amazonian Ecuador. American Association of Physical Anthropologists annual meetings, Austin, TX.
- 2018 Gildner TE, Liebert, MA, Schrock JM, **Urlacher SS**, Harrington CJ, Cepon-Robins TJ, Madimenos FC, Bribiescas RG, Sugiyama LS, Snodgrass JJ. Salivary testosterone and adiposity among Shuar men: Body composition variation in an indigenous subsistence population. Human Biology Association annual meetings, Austin, TX.

- 2018 Liebert, MA, Cepon-Robins TJ, Gildner TE, **Urlacher SS**, Madimenos FC, Harrington CJ, Bribiescas RG, Sugiyama LS, Snodgrass JJ. Diurnal cortisol rhythms and helminth infection intensity among the indigenous Shuar of Amazonian Ecuador: Examining immune-endocrine interactions in a subsistence-based population. Human Biology Association annual meetings, Austin, TX.
- 2018 Madimenos FC, Stieglitz J, Liebert, MA, Cepon-Robins TJ, **Urlacher SS**, Snodgrass JJ, Sugiyama LS. Cross-population comparison of skeletal health among indigenous Bolivian Tsimane and Ecuadorian Shuar of Amazonia. Human Biology Association annual meetings, Austin, TX.
- 2018 Madimenos FC, Liebert, MA, **Urlacher SS**, Harrington CJ, Cepon-Robins TJ, Gildner TE, Snodgrass JJ, Sugiyama LS. Shuar childhood and adolescent bone density documented across varying degrees of market integration. American Association of Physical Anthropologists annual meetings, Austin, TX.
- 2017 **Urlacher SS**, Snodgrass JJ, Kramer KL, Konečná M, Dugas L, Pontzer H, Sugiyama LS. Child physical activity during the economic transition among small-scale populations. Population Association of America annual meetings, Chicago, IL.
- 2017 **Urlacher SS**, Snodgrass JJ, Kramer KL, Konečná M, Pontzer H, Sugiyama LS. Objectively measured childhood physical activity among small-scale populations. American Association of Physical Anthropologists annual meetings, New Orleans, LA. *American Journal of Physical Anthropology* 159(S62):389.
- 2017 Cepon-Robins TJ, Gildner TE, Liebert, MA, **Urlacher SS**, Madimenos FC, Harrington CJ, Snodgrass JJ Sugiyama LS. The Shuar Health and Life History Project: Tapeworm infection and demographic/lifestyle measures among an indigenous population from Amazonian Ecuador. Human Biology Association annual meetings, New Orleans, LA. *American Journal of Human Biology* 29(e22974):7.
- 2017 Gildner TE, Liebert, MA, Cepon-Robins TJ, Bribiescas RG, **Urlacher SS**, Schrock JM, Harrington CJ, Madimenos FC, Sugiyama LS, Snodgrass JJ. Associations between testosterone levels and parasite load: Testing life history tradeoffs among indigenous Shuar men from Amazonian Ecuador. American Association of Physical Anthropologists annual meetings, New Orleans, LA. *American Journal of Physical Anthropology* 159(S62):194.
- 2017 Hallett E, Eick G, Barrett T, Liebert MA, Cepon-Robins TJ, Gildner TE, **Urlacher SS**, Madimenos FC, Sugiyama LS, Snodgrass JJ. The Shuar Health and Life History Project: Chronic Helminth infection is associated with kidney function in an indigenous Ecuadorian forager-horticulturalist population. Human Biology Association annual meetings, New Orleans, LA. *American Journal of Human Biology* 29(e22974):19.
- 2017 Liebert MA, **Urlacher SS**, Madimenos FC, Gildner TE, Cepon-Robins TJ, Harrington CJ, Bribiescas RG, Sugiyama LS, Snodgrass JJ. Diurnal cortisol rhythms among the indigenous Shuar of Amazonian Ecuador: Individual differences by age, sex, and body composition across the lifespan. Human Biology Association annual meetings, New Orleans, LA. *American Journal of Human Biology* 29(e22974):28.
- 2017 Madimenos FC, Liebert, MA, **Urlacher SS**, Cepon-Robins TJ, Gildner TE, Harrington CJ, Snodgrass JJ, Sugiyama LS. Documenting the Changing Reproductive Landscape among Shuar Females from Amazonian Ecuador. American Association of Physical Anthropologists annual meetings, New Orleans, LA. *American Journal of Physical Anthropology* 159(S62):272.

- 2017 Mequanint T, Eick G, **Urlacher SS**, Sugiyama LS, Snodgrass JJ. Hair cortisol measurement and relationships with growth among Amazonian Shuar children. American Association of Physical Anthropologists annual meetings, New Orleans, LA. *Undergraduate presentation*.
- 2016 **Urlacher SS** & Kramer KK. Secular change in childhood time allocation, energy expenditure, and growth among rapidly modernizing indigenous Maya. Human Biology Association annual meetings, Atlanta, GA. *American Journal of Human Biology* 28(2):300.
- 2016 **Urlacher SS** & Konečná M. The relationship between social status, body size, and salivary hormone levels among Garisakang forager-horticulturalist men of lowland Papua New Guinea. American Association of Physical Anthropologists annual meetings, Atlanta, GA. *American Journal of Physical Anthropology* 159(S62):320.
- 2016 Blackwell AD, **Urlacher SS**, Beheim B, von Rueden C, Trumble BC, Stieglitz J, Kaplan H, Gurven M. Growth references for Amazonian populations. Human Biology Association annual meetings, Atlanta, GA. *American Journal of Human Biology* 28(2):269.
- 2016 Eick GN, **Urlacher SS**, Fording TE, Kowal PR, Sugiyama LS, Snodgrass JJ. What a drop can really do: methodological challenges of integrating dried blood spot samples into human biology research. Human Biology Association annual meetings, Atlanta, GA. *American Journal of Human Biology* 28(2):276.
- 2016 Liebert, MA, Madimenos FC, **Urlacher SS**, Gildner TE, Cepon-Robins TJ, Snodgrass JJ, Sugiyama LS. The embodiment of market integration: Modeling cultural consonance among Shuar children of Amazonian Ecuador. American Association of Physical Anthropologists annual meetings, Atlanta, GA. *American Journal of Physical Anthropology* 159(S62):208.
- 2016 Liebert, MA, Madimenos FC, **Urlacher SS**, Gildner TE, Snodgrass JJ, Sugiyama LS. The embodiment of market integration: Developing Cultural Consonance Models for Shuar Children of Amazonian Ecuador. Society for Applied Anthropology annual meetings, Vancouver, Canada.
- 2016 Madimenos FC, Liebert, MA, **Urlacher SS**, Cepon-Robins TJ, Gildner TE, Harrington C, Snodgrass JJ, Sugiyama LS. Bone mineral density is associated with waist circumference and blood pressure but not lipid profile among the Amazonian Shuar of Ecuador. American Association of Physical Anthropologists annual meetings, Atlanta, GA. *American Journal of Physical Anthropology* 159(S62):215.
- 2016 Gildner TE, Liebert, MA, Bribiescas RG, Sugiyama LS, **Urlacher SS**, Cepon TJ, Madimenos FC, Snodgrass JJ. Diurnal testosterone variation among indigenous Shuar men from Amazonian Ecuador. American Association of Physical Anthropologists annual meetings, Atlanta, GA. *American Journal of Physical Anthropology* 159(S62):154.
- 2016 Cepon-Robins TJ, Gildner TE, Liebert MA, **Urlacher SS**, Madimenos FC, Sugiyama LS, Snodgrass JJ. Soil-transmitted helminth infection and immune function: *Ascaris lumbricoides*, but not *Trichuris trichiura*, is associated with lower adult-levels of C-reactive protein among the Shuar of Ecuadorian Amazonia. Human Biology Association annual meetings, Atlanta, GA. *American Journal of Human Biology* 28(2):271.
- 2016 Amir D, Dunham Y, Liebert ML, Snodgrass JJ, **Urlacher SS**, Madimenos FC, Sugiyama LS, Bribiescas RG. Environmental reliability, inter-temporal choice, and risky decision-making among Shuar children. Human Biology Association annual meetings, Atlanta, GA. *American Journal of Human Biology* 28(2):267.

- 2016 Sugiyama LS, Liebert, MA, Madimenos FC, Blackwell AD, **Urlacher SS**, Cepon-Robins TJ, Gildner TE, Bribiescas RG, Snodgrass JJ,. From foraging to Facebook: Market integration and health among the Shuar of Southeastern Ecuador. American Association of Physical Anthropologists annual meetings, Atlanta, GA. *American Journal of Physical Anthropology* 159(S62):307.
- 2015 **Urlacher SS**, Snodgrass JJ, Liebert MA, Cepon-Robins TJ, Gildner TE, Sugiyama LS. The Shuar Health and Life History Project: Childhood somatic resources, linear growth, and immune function among indigenous Amazonians. American Association of Physical Anthropologists annual meetings, St. Louis, MO. *American Journal of Physical Anthropology* 156(S60):311.
- 2015 **Urlacher SS**, Blackwell AD, Liebert MA, Madimenos FC, Snodgrass JJ, Sugiyama LS. The Shuar Health and Life History Project: Height, weight and body mass index references for the indigenous Shuar of Ecuador. Human Biology Association annual meetings, St. Louis, MO. *American Journal of Human Biology* 27(2):290.
- 2015 Konečná M and **Urlacher SS**. Male social status and its predictors among forager-horticulturalists of Papua New Guinea. Polish Society for Human and Evolution Studies annual meetings, Poznan, Poland.
- 2015 Eick G, **Urlacher SS**, Kowal P, Snodgrass JJ. What a drop can(t) do: Methodological challenges associated with incorporating dried blood spot biomarkers into population-based research. Biomarker Network annual meetings, San Diego, CA.
- 2015 Cepon TJ, Gildner TE, Liebert, MA, **Urlacher SS**, Madimenos FC, Snodgrass JJ, Sugiyama LS. The Shuar Health and Life History Project: Testing the Hygiene Hypothesis – Soil transmitted helminth infection and immune dysregulation among the Shuar of Amazonian Ecuador. American Association of Physical Anthropologists annual meetings, St. Louis, MO. *American Journal of Physical Anthropology* 156(S60):104.
- 2015 Gildner TE, Cepon TJ, Liebert, MA, **Urlacher SS**, Snodgrass JJ, Madimenos FC, Sugiyama LS. The Shuar Health and Life History Project: market integration, age, and intestinal helminth intensity among an indigenous lowland Ecuadorian population. Human Biology Association annual meetings, St. Louis, MO. *American Journal of Human Biology* 27(2):269.
- 2014 **Urlacher SS**, Liebert, MA, Cepon TJ, Snodgrass JJ, Gildner TE, Colehour AM, Ellison PT, Sugiyama LS. Childhood immune function and growth: Insight from repeat measures among the Amazonian Shuar. Human Biology Association annual meetings, Calgary, Canada. *American Journal of Human Biology* 26(2): 283. **Winner of the Edward E. Hunt, Jr. Student Award for outstanding conference presentation**
- 2014 **Urlacher SS** and Kramer KL (2014). Longitudinal changes in childhood time allocation, physical activity level, and anthropometry in a rapidly modernizing indigenous Maya community. American Anthropological Association annual meetings, Washington, DC. **Winner of the evolutionary anthropology section Best Student Paper Award**
- 2014 **Urlacher SS**, Liebert, MA, Cepon TJ, Snodgrass JJ, Gildner TE, Colehour AM, Ellison PT, Sugiyama LS.. Measurement of short-term linear growth using knemometry among the Shuar. American Association of Physical Anthropologists annual meetings, Calgary, Canada. *American Journal of Physical Anthropology* 153(S58): 258.

- 2014 Cepon TJ, Liebert, MA, Gildner TE, Madimenos FC, **Urlacher SS**, Blackwell AD, Snodgrass JJ, Sugiyama. The Shuar Health and Life History Project: Chronic and infectious disease burden among the Shuar – The complicated nature of epidemiological transitions. Human Biology Association annual meetings, Calgary, Canada. *American Journal of Human Biology* 26(2):261.
- 2014 Liebert MA, Snodgrass JJ, **Urlacher SS**, Cepon-Robins TJ, Gildner TE, Madimenos FC, Colehour AM, Bribiescas RG, Sugiyama LS. The Shuar Health and Life History Project: The role of market integration and life history trade-offs on diurnal cortisol among Indigenous Shuar children of Amazonian Ecuador. Human Biology Association annual meetings, Calgary, Canada. *American Journal of Human Biology* 26(2):270.
- 2014 Madimenos FC, Liebert MA, Cepon-Robins TJ, Gildner TE, **Urlacher SS**, Blackwell AD, Snodgrass JJ, Sugiyama LS. The Shuar Health and Life History Project: Hypertriglyceridemia among Cross-Cutucu Shuar - Exploring etiologies and prevention strategies. Human Biology Association annual meetings, Calgary, Canada. *American Journal of Human Biology* 26(2):271.
- 2014 Sugiyama LS, Madimenos FC, Liebert MA, **Urlacher SS**, Cepon-Robins TJ, Blackwell AD, Gildner TE, Gandolfo TR, Colehour AM, Bribiescas RG, Snodgrass JJ. Getting a grip on phenotypic quality: Shuar Health and Life History Project analysis of grip strength as an indicator of phenotypic quality and health. American Association of Physical Anthropologists annual meetings, Calgary, Canada. *American Journal of Physical Anthropology* 153(S58): 249.
- 2013 Liebert MA, Snodgrass JJ, **Urlacher SS**, Cepon-Robins TJ, Colehour AM, Gildner TE, Sugiyama LS. The Shuar Health and Life History Project: The psychosocial stress response of children from varying degrees of market integration in an indigenous lowland Ecuadorian population. Human Biology Association annual meetings, Knoxville, TN. *American Journal of Human Biology* 25(2):264.
- 2013 Cepon-Robins TJ, Gildner TE, Liebert MA, Colehour AM, **Urlacher SS**, Snodgrass JJ, Madimenos FC, Sugiyama LS. The Shuar Health and Life History Project: Market integration, avoidance behavior, and intestinal helminths among an indigenous lowland Ecuadorian population. Human Biology Association annual meetings, Knoxville, TN. *American Journal of Human Biology* 25(2):253.
- 2012 **Urlacher SS** Liebert MA, Cepon TJ, Snodgrass JJ, Sugiyama LS. The Shuar Health and Life History Project: Knemometric assessment of short-term childhood growth in an indigenous Amazonian population. Human Biology Association annual meetings, Portland, OR. *American Journal of Human Biology* 24(2):234.
- 2012 Cepon TJ, Liebert, MA, **Urlacher SS**, Snodgrass JJ, Madimenos FC, Sugiyama LS. The Shuar Health and Life History Project: The effects of market integration on intestinal helminth levels among the Shuar of Amazonian Ecuador. Human Biology Association annual meetings, Portland, OR. *American Journal of Human Biology* 24(2):222.
- 2012 Liebert MA, Snodgrass JJ, Cepon TJ, **Urlacher SS**, Madimenos FC, Sugiyama LS. The Shuar Health and Life History Project: The relationship between market integration and diurnal salivary cortisol rhythms of children in an indigenous lowland Ecuadorian population. Human Biology Association annual meetings, Portland, OR. *American Journal of Human Biology* 24(2): 232.

PRESS COVERAGE (SELECTED)

- 2021 *New York Times*:
<https://www.nytimes.com/2021/02/24/well/move/weight-gain-amazon.html>
- 2021 *New York Times*:
<https://www.nytimes.com/2021/08/12/health/metabolism-weight-aging.html>
- 2021 *Science Magazine*:
<https://www.sciencemag.org/news/2021/08/little-kids-burn-so-much-energy-they-re-different-species-study-finds>
- 2021 *Science Magazine*:
<https://www.sciencemag.org/news/2021/02/disgusted-spoiled-food-you-may-be-protecting-yourself-disease>
- 2021 *National Geographic*:
<https://www.nationalgeographic.com/science/article/gross-why-humans-are-hardwired-to-feel-disgust>
- 2020 *Waco Tribune-Herald*:
https://www.wacotrib.com/news/higher_education/move-more-weigh-less-baylor-prof-s-study-of-amazon/article_c090aadd-62cb-56d1-b575-eb5c5e267076.html
- 2019 *Good Morning America* (video):
<https://www.goodmorningamerica.com/wellness/video/weight-depend-eat-exercise-67822488>
- 2019 *Healthline*:
<https://www.healthline.com/health-news/overeating-not-inactivity-may-be-behind-child-obesity-epidemic>
- 2019 *Daily Mail*:
<https://www.dailymail.co.uk/health/article-7805141/Eating-not-exercising-little-biggest-driver-weight-gain.html>
- 2019 *El País* (Spanish language):
https://elpais.com/elpais/2019/12/17/ciencia/1576584078_398002.html
- 2019 *Austrian Broadcasting Corporation* (German language, audio):
<https://oe1.orf.at/player/20191219/582502>
- 2019 *CBS Baltimore* (video):
<https://baltimore.cbslocal.com/video/4258757-healthwatch-study-finds-weight-gain-comes-from-eating-too-much/>
- 2019 *Montreal Gazette*:
<https://montrealgazette.com/news/world/study-kids-should-eat-better-because-exercise-is-a-terrible-tool-for-losing-weight/wcm/6fd80091-b60c-4740-8ffc-31665d96f331>
- 2019 *Muscle and Fitness*:
<https://www.muscleandfitness.com/athletes-celebrities/news/diet-not-exercise-may-have-bigger-effect-weight-gain>
- 2019 *Times of India*:
<https://timesofindia.indiatimes.com/home/science/overeating-may-be-main-cause-of-obesity-not-less-physical-activity-study/articleshow/72885033.cms>
- 2018 *The Scientist*:
<https://www.the-scientist.com/notebook/amazonians-offer-clues-to-human-childhood-development-64343>
- 2018 *Discover*:
<http://discovermagazine.com/2018/apr/a-brush-with-a-feathered-foe>
- 2018 *Science Daily*:
<https://www.sciencedaily.com/releases/2018/04/180424133616.htm>

2018 *PNAS 'In This Issue' Feature:*
<http://www.pnas.org/content/115/17/4295>

PODCAST FEATURES

2020 *Sausage of Science:*
<https://soundcloud.com/humanbiologyassociation/sos-70-child-growth-and-energetic-constraints-with-dr-sam-urlacher#t=0:00>

2020 *Brains On!:*
<https://www.brainson.org/episode/2020/06/30/why-do-kids-have-more-energy-than-adults>

INVITED PUBLIC, COLLOQUIUM AND WORKSHOP PRESENTATIONS

2021 Baylor University, Department of Psychology and Neuroscience, Seminar Series

2021 Lunch and Learn Seminar Series, CIFAR

2020/2021 Baylor University, Department of Geosciences, Grant Writing Workshop Panelist

2020 Baylor Undergraduate Research in Science and Technology (BURST), Baylor University

2020 Center for Evolution and Medicine, Arizona State University

2019 Center for Human Evolutionary Studies, Rutgers University

2019 Senckenberg Naturmuseum Frankfurt (Germany), Evolutionary Medicine Workshop

2018 Cambridge University, Department of Archaeology

2018 Triangle Comparative and Evolutionary Medicine Center, Duke University

2018 United Nations Headquarters, IBREA conference on Energy Efficiency and Human Health

2018 Loyola University Chicago, Department of Public Health Sciences

2018 Yale University, Department of Anthropology

2018 Washington State University, Department of Anthropology

2018 University of California – Riverside, Department of Anthropology

2018 Washington State University, Department of Anthropology

2018 Optimists Club, Billings, MT

2017 University College London, Department of Anthropology

2017 Pennsylvania State University, Department of Anthropology

2017 University of Pennsylvania, Department of Anthropology

2017 University of Colorado – Denver, Department of Anthropology

2017 Queens College (CUNY), Department of Anthropology

2014 Binatang Research Center, Madang, Papua New Guinea

INVITED CLASSROOM PRESENTATIONS

2022 Baylor University, Department of Nutrition Sciences, 'Nutrition in Public Health'

2022 Washington University in St. Louis, Department of Anthropology, 'Introduction to Global Health'

2021 Baylor University, Department of Biology, 'Biology of Global Health'

2020 Baylor University, Department of Anthropology, 'Evolutionary Medicine'

2020 Baylor University, Department of Biology, 'Topics in Evolution'

2019/2020 Baylor University, Department of Public Health, 'Global Health'

2018 Hunter College (CUNY), Department of Anthropology, 'The Human Species'
2017 Hunter College (CUNY), Department of Anthropology, 'Human Physiology'
2016 Hunter College (CUNY), Department of Anthropology, 'The Human Species'
2016 University of Oregon, Department of Anthropology, 'Growth and Development'
2014 University of Massachusetts – Boston, Department of Anthropology 'Introduction to Biological Anthropology'

COURSES TAUGHT

2021 Baylor University, Anthropology 4371, 'Evolutionary Medicine'
2020 Baylor University, Anthropology 4369, 'Child Energetics and Health'
2020/2021 Baylor University, Anthropology 4314, 'Human Biological Variation'
2019 Baylor University, Anthropology 1404, 'Introduction to Human Evolution'
2014/2015 Harvard University, Human Evolutionary Biology 97, 'Sophomore Tutorial'
2008 Brown University, Anthropology 1320, 'Human Origins and Variability' (TA)

AWARDS AND HONORS

2014 Award for Best Student Paper of the Annual Meetings, American Anthropological Association, Evolutionary Anthropology Section
2014 Edward E. Hunt, Jr. Student Award for the Best Paper of the Annual Meetings, Human Biology Association
2009 George W. Hagy Prize for Outstanding Undergraduate Thesis, Brown University, Department of Human Biology
2009 Award for Outstanding Undergraduate in Biological Anthropology, Brown University, Department of Anthropology

EDITORSHIPS

2022-present Section Editor, Human Metabolism & Physiology, *Annals of Human Biology*
2022-present Editorial Board Member, *Scientific Reports*
2020-present Consulting Editor, *Human Nature*

OTHER PROFESSIONAL SERVICE (ELECTED POSITIONS WITH ASTERISK)

2022-present Founding faculty member, Global Health Academy, Baylor University
2020-present Global Health Steering Committee, Baylor University
2020-present *Nominations & Elections Committee Member, Human Biology Association
2020-present Mentor, Community Building and Networking Program, Human Biology Association
2020 Program Committee, International Society for Evolution, Medicine, and Public Health
2019 Workshop organizer and discussant, *New Tools in Anthropological Energetics* (with H. Pontzer and C. Ocobock), American Association of Physical Anthropologists annual Meetings (canceled due to COVID-19)
2019 Annual Meetings Committee, Texas Association of Biological Anthropologists

2019	Breakout Session Participant, <i>Challenges, Opportunities and Rewards of Anthropological Research in Latin America: Shared Wisdom by Insiders, Outsiders and Everyone In Between</i> , Human Biology Association annual meetings
2016-present	Program Committee Member, American Association of Physical Anthropologists
2012	Student Representative, Harvard University, Department of Human Evolutionary Biology
Ongoing	Ad Hoc Peer Reviewer: <i>American Anthropologist</i> <i>American Journal of Physical Anthropology</i> <i>American Journal of Human Biology</i> <i>Annals of Human Biology</i> <i>Current Anthropology</i> <i>Current Developments in Nutrition</i> <i>eLife</i> <i>Evolution, Medicine, and Public Health</i> <i>Journal of Biosocial Science</i> Medical Research Council National Science Foundation – Biological Anthropology National Science Foundation – Cultural Anthropology National Science Foundation – SBE Multidisciplinary Activities <i>Pediatric Exercise Science</i> <i>Philosophical Transactions of the Royal Society B</i> <i>PLOS Neglected Tropical Diseases</i> <i>PLOS ONE</i> <i>Proceedings of the National Academy of Sciences</i> <i>Science Advances</i> <i>Scientific Reports</i> Strasbourg Institute for Advanced Study

PROFESSIONAL AFFILIATIONS

2020-present	American Society for Nutrition
2020-present	American Association for the Advancement of Science
2019-present	Texas Association of Biological Anthropologists
2018-present	International Society for Evolution, Medicine, and Public Health
2017-2018	Population Association of America
2016-2018	New York Academy of Sciences
2014-2015	American Anthropological Association
2009-present	American Association of Physical Anthropologists
2009-present	Human Biology Association

PHD STUDENTS IN THE HUMAN EVOLUTIONARY BIOLOGY AND HEALTH LAB (PRIMARY DISSERTATION COMMITTEE ADVISOR)

2021-present	Marcela Pfaff Nash
2021-present	Lizzy Kim

UNDERGRADUATE STUDENTS MENTORED IN THE HUMAN EVOLUTIONARY BIOLOGY AND HEALTH LAB

2022-present Sai Sagireddi
2022-present Kate Pogue
2021-present Thanmayi Parasu
2021-present Srihan Somepalli
2021-present Tiffany Luan (Honors, BTRUE Scholar)
2021-present Lauren Young (McNair Scholar, BTRUE Scholar, Trailblazer Scholar)
2020-present Brian Adjetey (McNair Scholar)
2020 Andrew Lindbloom (McNair Scholar)

PHD STUDENT DISSERTATION COMMITTEE MEMBERSHIPS (SECONDARY ADVISOR)

2021-present Blair Coe Schweiger (Anthropology)
2021-present Emily Sperou (Biology)
2020-present Tomasz Nowak (Biology)

PHD AND UNDERGRADUATE STUDENTS MENTORED EXTERNALLY

2021-present Mecca Burris (PhD student in Anthropology, University of Indiana)
2020-2021 Ann Suk (PhD student in Anthropology, University of North Carolina)
2020-present Ari Desir (ScB student in Public Health, Brown University)