Curriculum Vitae

THERESA E. GILDNER

Department of Anthropology, Washington University in St. Louis
Campus Box 1114, One Brookings Drive, Washington University, St. Louis, MO 63130
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Website: bonesandbehavior.org/theresa_gildner

PROFESSIONAL APPOINTMENTS

2021-Present
Assistant Professor
Department of Anthropology, Washington University in St. Louis

2018-2020
McKennan Postdoctoral Fellow
Department of Anthropology, Dartmouth College (with Dr. Zaneta Thayer)

EDUCATION

2018 Ph.D., Biological Anthropology, University of Oregon
Dissertation Title: *Life history tradeoffs between testosterone and immune function among Shuar forager-horticulturalists of Amazonian Ecuador*
Advisor: Dr. J. Josh Snodgrass

2013 M.S., Biological Anthropology, University of Oregon
Master's Thesis Title: *Effect of sleep quality and duration on cognitive function among older adults from five middle income countries: Results from the Study on global AGEing and adult health (SAGE).*
Advisor: Dr. J. Josh Snodgrass

2011 B.S., Biology and Anthropology, University of Notre Dame
Cum Laude, Anthropology Departmental Honors, GPA: 3.767

GRANTS AND AWARDS

2019 Wenner-Gren Engaged Anthropology Grant ($4,942; study PI)
2019 Dartmouth College Leslie Center working group funding ($1,500)
2019 Dartmouth College Dickey Center working group funding ($1,000)
2019 Dartmouth College Rockefeller Center working group funding ($1,000)
2019 Dartmouth College Neukom Institute working group funding ($1,000)
2018 Dartmouth College Claire Garber Goodman Fund Research Award ($10,086; study PI)
2017 National Science Foundation Doctoral Dissertation Improvement Grant ($11,464; study co-PI)
2016 Wenner-Gren Foundation Dissertation Fieldwork Grant ($20,000; study co-PI)
2015 Oregon Sasakawa Young Leaders Fellowship Fund (SYLFF) Graduate Fellowships for International Research ($12,000; study PI)

2015 The Lewis and Clark Fund for Exploration and Field Research ($5,000)
2015 Center for Latino/a and Latin American Studies Graduate Student Summer Research Award ($1,000)

FELLOWSHIPS AND HONORS

2018-2020 McKennan Postdoctoral Fellow, Dartmouth College
2017-2018 University of Oregon Dissertation Research Fellowship
2012 NSF-GRFP Honorable Mention
2011-2017 Graduate Teaching Fellowship, University of Oregon
2010 NSF-REU Fellow in Biocultural Anthropology, University of Notre Dame

PEER-REVIEWED JOURNAL PUBLICATIONS

2021

Gildner TE, Eick GN, Schneider AL, Madimenos FC, Snodgrass JJ. After Theranos: Using point-of-care testing to advance measures of health biomarkers in human biology research. *American Journal of Human Biology*. (28 pages) doi: 10.1002/ajhb.23689.

Gildner TE, Thayer ZM. The Impacts of the COVID-19 Pandemic on Maternity Care Preferences for Future Pregnancies Among Women Living in the United States. (Invited special edition article collection. *Frontiers in Sociology*, 6, 17. (11 pages) doi: 10.3389/fsoc.2021.611407

Gildner TE, Casana J. Intestinal parasitic infection within a wealthy nineteenth century household from rural New England: Evidence from Dartmouth College, New Hampshire. *Journal of Archaeological Science: Reports*, 37, 102990. (10 pages) https://doi.org/10.1016/j.jasrep.2021.102990

Featured in: WUSTL The Source Newsroom, Dartmouth News Today, Valley News, KCTV5, Futurity

Cepon-Robins TJ, 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. *PNAS*, 118(8), e2018552118. (9 pages) https://doi.org/10.1073/pnas.2018552118

Featured in: Science Magazine, The Seattle Times, WUSTL The Source Newsroom, National Geographic, the Sausage of Science Podcast.

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*, e23590. (7 pages) doi: 10.1002/ajhb.23590

Sherin M, **Gildner TE**, Thayer ZM. The Association between COVID-19-Related Changes to duration of working during pregnancy and Prenatal Depression. *Frontiers in Global Women's Health*, 2, 639429. (9 pages) https://doi.org/10.3389/fgwh.2021.639429

Sarma MS, **Gildner TE**, Howells ME, Lew-Levy S, Trumble BC, Fuentes A. There and Back Again: The Biosocial Dynamics of Returning from the Field. *American Journal of Human Biology*, e23673. (13 pages) https://doi.org/10.1002/ajhb.23673

Ocobock C, Owens C, Holdsworth E, **Gildner TE**, Lynn C. #Hackademics: Hacks Toward Success in Academia. *American Journal of Human Biology*. (5 pages) http://doi.org/10.1002/ajhb.23653

2020

Gildner TE, Cepon-Robins TJ, Liebert MA, Urlacher SS, Schrock JM, Harrington CJ, Snodgrass JJ, Sugiyama LS. Market integration and soil-transmitted helminth infection among the Shuar of Amazonian Ecuador. *PLOS One*, 15(7), e0236924. (24 pages) https://doi.org/10.1371/journal.pone.0236924

Featured on: The Sausage of Science Podcast.

Gildner TE, Levy SB. Intersecting vulnerabilities in human biology: Synergistic interactions between climate change and increasing obesity rates. *American Journal of Human Biology*, e23460. (14 pages) https://doi.org/10.1002/ajhb.23460

Gildner TE, Laugier EJ, Thayer ZM. Exercise routine change is associated with prenatal depression scores during the COVID-19 pandemic among pregnant women across the United States. *PLOS One,* 15(12). (15 pages) https://doi.org/10.1371/journal.pone.0243188

Featured in: U.S. News & World Report, Chicago Tribune, HealthDay, Psychiatry & Behavioral Health Learning Network.

Gildner TE, Thayer ZM. Maternal and child health during the COVID-19 pandemic: Contributions in the field of human biology. *American Journal of Human Biology*, e23494. (6 pages) https://doi.org/10.1002/ajhb.23494

Gildner TE, Thayer ZM. Birth plan alterations among American women in response to COVID-19. (3 pages) *Health Expectations*. doi.org/10.1111/hex.13077

Gildner TE. Links between metabolic syndrome and the microbiome. *Evolution, Medicine, and Public Health*, eoaa007. (2 pages) doi.org/10.1093/emph/eoaa007

Gildner TE. Human reproductive hormone measures: Methodological considerations and anthropological importance. *American Journal of Human Biology* (invited special edition article collection). (24 pages) https://doi.org/10.1002/ajhb.23535

Thayer ZM, **Gildner TE**. COVID-19-related financial stress associated with higher likelihood of depression among pregnant women living in the United States. *American Journal of Human Biology*, e23508. (5 pages) doi.org/10.1002/ajhb.23508

Cepon-Robins TJ, **Gildner TE**. Old Friends Meet A New Foe – A potential role for immune-priming parasites in mitigating COVID-19 morbidity and mortality. *Evolution, Medicine, and Public Health* 2020(1): 234–248. https://doi.org/10.1093/emph/eoaa037

Featured in: UCCS Communique

2019

Cepon-Robins TJ, **Gildner TE**, Schrock J, Eick G, Bedbury A, 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.org/10.1002/ajpa.23897

Gildner TE, Salinas-Rodríguez A, Manrique-Espinoza B, Moreno-Tamayo K, Kowal P. Does poor sleep impair cognition during aging? Longitudinal associations between sleep duration and cognitive performance in older Mexican adults. *Geriatrics and Gerontology International* 83:161-168. doi.org/10.1016/j.archger.2019.04.014

2018

Gildner TE, Ng N, Wu F, Guo Y, Snodgrass JJ, Kowal P. Ideal cardiovascular health and cognitive test performance: testing a modified index of Life's Simple 7 among older Chinese adults. *Frontiers in Public Health* 6:352. (8 pages) doi.org/10.3389/fpubh.2018.00352

Gildner TE, Snodgrass JJ, Evans C, Kowal P. Associations between physical function and subjective well-being in older adults from low- and middle-income countries: Results from the Study on global AGEing and adult health (SAGE). *Journal of Aging and Physical Activity* (2018):1-31. doi.org/10.1123/japa.2016-0359

Stagaman K, Cepon-Robins TJ, Liebert MA, **Gildner TE**, Urlacher SS, Madimenos FC, Guillenmin K, Snodgrass JJ, Sugiyama LS, Bohannan BJM. Market integration predicts human gut microbiome attributes across a gradient of economic development. *mSystems* 3(1):e00122-17. (10 pages) doi.org/10.1128/msystems.00122-17

Urlacher SS, Ellison PT, Sugiyama LS, Pontzer H, Eick G, Liebert MA, Cepon-Robins TJ, **Gildner TE**, and Snodgrass JJ. Tradeoffs between immune function and childhood growth among Amazonian forager-horticulturalists. *Proceedings of the National Academy of Sciences*, 115(17):e3914-3921. (8 pages) doi.org/10.1530/ey.15.13.23

Featured in: ScienceDaily, The Scientist, Technology Networks

2017

Arokiasamy P, Kowal P, Capistrant BD**, Gildner TE**, Thiele E, Biritwum RB, et al. Chronic Noncommunicable Diseases in 6 Low-and Middle-Income Countries: Findings from

Wave 1 of the World Health Organization's Study on Global Ageing and Adult Health (SAGE). *American Journal of Epidemiology* 185(6):414-428. doi.org/10.1093/aje/kww125

2016

Gildner TE, Cepon-Robins TJ, Liebert MA, Urlacher SS, Snodgrass JJ, Madimenos FC, 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(1):28-39. dx.doi.org/10.1186/s40101-016-0118-2

Gildner TE, Liebert MA, Capistrant BD, D'Este C, Snodgrass JJ, Kowal P. Perceived Income Adequacy and Well-Being among Older Adults in Six Low- and Middle-Income Countries. *Journal of Gerontology: Social Sciences* (Nov):516-525. doi.org/10.1093/geronb/gbw145

Urlacher SS, Liebert MA, Snodgrass JJ, Blackwell AD, 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.org/10.1080/03014460.2016.119221

Urlacher SS, Snodgrass JJ, Liebert MA, Cepon-Robins TJ**, Gildner TE**, Sugiyama LS. Brief Communication: The Application of Knemometry to Measure Childhood Short-Term Growth among the Indigenous Shuar of Ecuador. *American Journal of Physical Anthropology* 160:353–357. doi.org/10.1002/ajpa.22953

Urlacher SS, Blackwell AD, Liebert MA, Madimenos FC, Cepon-Robins TJ, **Gildner TE**, Snodgrass JJ, Pozo J, Tiwia W, 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.org/10.1002/ajhb.22747

2015

Gildner TE, Barrett TM, Liebert MA, Kowal P, Snodgrass JJ. Does BMI generated by self-reported height and weight measure up in older adults from middle-income countries? Results from the study on global AGEing and adult health (SAGE). *BMC Obesity*, 2:44-57. doi.org/10.1186/s40608-015-0074-0

2014

Gildner TE, Liebert MA, Kowal P, Chatterji S, Snodgrass JJ. Sleep duration, sleep quality, and obesity risk among older adults from six middle-income countries: Findings from the Study on global AGEing and adult health (SAGE). *American Journal of Human Biology* 26(6):803-812. doi.org/10.1002/ajhb.22603

Gildner TE, Liebert MA, Kowal P, Chatterji S, Snodgrass JJ. Associations between Sleep Duration, Sleep Quality, and Cognitive Test Performance among Older Adults from Six

Middle Income Countries: Results from the Study on Global Ageing and Adult Health (SAGE). *Journal of Clinical Sleep Medicine* 10(6):613-621. doi.org/10.5664/jcsm.3782

Featured in: NPR KLCC, Huffington Post, KPNW AM News Radio 1120, Amtrak OnTrak, Healio.com/Psychiatry

Cepon TJ, **Gildner TE**, Liebert MA, Colehour AM, Urlacher SS, 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. dx.doi.org/10.1645/13-383.1

Colehour AM, Meadow JA, Liebert MA, Cepon-Robins TJ, **Gildner TE**, Urlacher SS, Bohannan BJM, Snodgrass JJ, Sugiyama LS. Local domestication of microbes via cassava beer fermentation. *PeerJ* 2:e479. (19 pages) doi.org/10.7717/peerj.479

PUBLICATIONS IN REVIEW

Gildner TE, Cepon-Robins TJ, Urlacher SS. The Energetic Cost of Soil-Transmitted Helminth Infection: Toward an Integrative Understanding. (Target Journal: *PLOS Global Public Health*; awaiting first round of reviews).

Gildner TE, Uwizeye G, Milner RL, Alston GC, Thayer ZM. Postpartum depression during the COVID-19 pandemic: The importance of instrumental support. (Target Journal: *BMC Pregnancy and Childbirth*; revisions submitted for second round of reviews).

Thayer ZM, **Gildner TE**. Communication between pregnant women and providers about the COVID-19 pandemic as assessed via online survey. (Target Journal: *Birth*; revisions submitted for second round of reviews).

Cepon-Robins TJ, Mallott EK, Recca IC, **Gildner TE**. Biocultural determinants of intestinal inflammation: Links between resource access, macroparasite infection, and fecal calprotectin levels among children in rural Mississippi. (Target Journal: *American Journal of Physical Anthropology*; invited special issue "Biocultural perspectives on disease and pandemics: past, present, and future"; awaiting first round of reviews).

Thayer ZM, **Gildner TE**. Developmental Origins of Health and Disease: Evidence, Proposed Mechanisms, and Ideas for Future Applications. (Invited book chapter, *Anthropology of Reproduction*, Routledge Publishing; final revisions submitted).

BOOK REVIEWS

2016

Gildner, TE. Book Review: Global Aging: Comparative Perspectives on Aging and the Life Course (by Suzanne R. Kunkel, J. Scott Brown, and Frank J. Whittington). *American Journal of Human Biology* 28(3):445.

RECENT PUBLISHED ABSTRACTS AND CONFERENCE PAPERS

2021

Gildner TE, Thayer ZM. The impacts of the COVID-19 pandemic on maternity care preferences for future pregnancies among women living in the United States. *American Journal of Physical Anthropology* 174 (S71): 29.

Gildner TE, Recca IC, Cepon-Robins TJ. Atopic conditions, IgE levels, and inflammation among children from rural Mississippi. *American Journal of Human Biology* 33 (S1): 17.

Cepon-Robins TJ, Recca IC, **Gildner TE**. A critical evaluation of a point-of-care device for measuring intestinal inflammation in remote field settings. *American Journal of Human Biology* 33 (S1): 8.

Sweetman CA, **Gildner TE**, Thayer ZM. Breastfeeding during breakout: Findings from the COVID-19 and Reproductive Effects (CARE) study. *American Journal of Human Biology* 33 (S1): 44.

Thayer ZM, Uwizeye G, Alston GC, Lu AC, Milner RL, **Gildner TE**. Fear of childbirth and birth outcomes during the COVID-19 pandemic among a sample of pregnant women in the US. *American Journal of Human Biology* 33 (S1): 45.

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. *American Journal of Human Biology* 33 (S1): 46.

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 Journal of Physical Anthropology* 174 (S71): 41.

2020

Gildner TE. Cross-cultural associations between gendered perceptions of happiness and leisure time parity among older adults. *American Journal of Physical Anthropology* 171: 100.

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. *American Journal of Human Biology* 32.

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 Journal of Physical Anthropology* 171: 47.

Cepon-Robins TJ, Recca IC, **Gildner TE**. Rural childhood health and life history in the southern United States: Lifestyle, immune function, and intestinal inflammation among children from Mississippi. *American Journal of Human Biology* 32.

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. *American Journal of Human Biology* 32.

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. *American Journal of Human Biology* 32.

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 Journal of Physical Anthropology* 171: 290.

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. *American Journal of Human Biology* 31 (2).

Gildner TE. Human reproductive hormone measures: Methodological considerations and anthropological importance. *American Journal of Physical Anthropology* 168: 86.

Treadway AM, Liebert MA, Madimenos FC, Urlacher SS, Cepon-Robins TJ, **Gildner TE**, Schrock JM, Harrington CJ, Amir D, Blackwell AD, Bribiescas RG. Secular trends in cardiovascular and metabolic health among the Indigenous Shuar of Amazonian Ecuador. *American Journal of Physical Anthropology* 168: 249.

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. *American Journal of Human Biology* 30 (2): 15.

Gildner TE, Urlacher SS, Liebert MA, Cepon-Robins TJ, Shrock 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 Journal of Physical Anthropology* 165 (S66): 98.

Cepon-Robins TJ, **Gildner TE**, Shrock JM, Eick G, Bedbury A, Liebert MA, Urlacher SS, Madimenos FC, Harrington CJ, Amir D, Bribiescas R, Sugiyama LS, Snodgrass JJ. Immune response to soil-transmitted helminths is associated with reduced intestinal inflammation: Preliminary evidence from Amazonian Ecuador. *American Journal of Physical Anthropology* 165 (S66): 44.

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. *American Journal of Human Biology* 30 (2): 26.

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 Journal of Physical Anthropology* 165 (S66): 164.

2017

Gildner TE, Kowal P, Snodgrass JJ. Testing associations between cardiovascular health and cognitive performance in the Study on global AGEing and adult health. *American Journal of Human Biology* 29 (2): 17.

Gildner TE, Liebert MA, Cepon-Robins TJ, Bribiescas RG, Urlacher SS, Shrock 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 Journal of Physical Anthropology* 162 (S64): 194.

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. *American Journal of Human Biology* 29 (2): 7.

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. *American Journal of Human Biology* 29 (2): 28.

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 Journal of Physical Anthropology* 162 (S64): 272.

Hallett E, Eick G, Barrett T, Liebert MA, Cepon-Robins TJ, **Gildner TE**, Urlacher SS, Madimenos FC, Harrington CJ, 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. *American Journal of Human Biology* 29 (2): 19.

RECENT CONFERENCE PRESENTATIONS (NOT LISTED ABOVE)

2021

Gildner, TE. Constructed niches and shared drivers of climate change and rising obesity rates. Talk given as part of the Human Niche Construction Theory: A Lens to Analyze Ongoing Climate Change session at the American Association for the Advancement of Science (AAAS) annual meeting.

2020

Gildner, TE, Owens, CH, Ocobock, C, Holdsworth, E, Lynn, C. SciComm in an Apocalyptic World. Talk given as part of a science communication panel at the Zombie Apocalypse Medicine Meeting (ZAMM).

2019

Gildner TE, Cepon-Robins TJ, Liebert MA, Urlacher SS, Schrock JM, Harrington CJ, Snodgrass JJ, Sugiyama LS. Living conditions and indigenous health: Associations between market integration and soil-transmitted helminth load among Shuar of Amazonian Ecuador. Paper presentation at the annual meeting of the Society for Applied Anthropology, Portland, OR.

2018

Gildner TE, Salinas-Rodríguez A, Manrique-Espinoza B, Moreno-Tamayo K, Snodgrass JJ, Kowal P. Does poor sleep impair cognition during aging? The longitudinal effects of sleep duration and quality on cognitive performance in older Mexican adults. Paper presentation at the annual meeting of the Population Association of America, Denver, CO.

Bedbury A, Cepon-Robins TJ, **Gildner TE**, Shrock JM, Eick G, Liebert MA, Urlacher SS, Madimenos FC, Harrington CJ, Amir D, Bribiescas R, Sugiyama LS, Snodgrass JJ. Associations Between Demography and Fecal Calprotectin Levels of Indigenous Shuar of Ecuadorian Amazonia. Poster presentation at the annual meeting of the American Association of Physical Anthropologists, Austin, TX.

2017

Gildner TE, Kowal P, Snodgrass JJ. Mind over Matter: How Are Physical Performance and Subjective Well-being Linked in Older Adults? Results from the Study on Global AGEing and Adult Health (SAGE). Paper presentation at the annual meeting of the Population Association of America, Chicago, IL.

Jat M, **Gildner TE**. Frailty and Quality of Life Among Older Adults: A Study of Six LMICS Using SAGE Data. Paper presentation at the annual meeting of the Population Association of America, Chicago, IL.

RESEARCH AND FIELD EXPERIENCE

2020-Present *Co-Principal Investigator*
The COVID-19 And Reproductive Effects (CARE) Study

This study assesses the different ways that the COVID-19 pandemic is affecting maternal care and well-being among pregnant individuals living in the United States. Conducted through online convenience surveys, this project focuses in particular on how COVID-19 has altered birth plans and led to new birth-related concerns. Study results will be used to develop educational material which facilitates improved patient-provider communication. https://sites.dartmouth.edu/care2020/

2019-Present *Co-Principal Investigator*
Rural Embodiment and Child Health (REACH) Study

This project documents the prevalence of neglected tropical diseases and associated health outcomes among children in low-socioeconomic status regions of the United States, as well as lifestyle factors that contribute to infection. This project is currently in the exploratory data collection phase, with future goals of becoming a longitudinal project investigating the effects of climate change and lifestyle on disease transmission. https://www.reachresearch.org/

2016-2017 *Research Assistant*
Building the Methodological Toolkit in Biological Anthropology: Dried Blood Spot Methods Development for Addressing Key Evolutionary and Biocultural Questions

Principal Investigator: Dr. J. Josh Snodgrass
Coordinating student volunteers, recruiting study participants, and assisting in the collection and lab analysis of dried blood spot samples for various biological markers to help enhance the biological anthropology toolkit through the development of six new dried blood spot biomarkers.

2013-2014 *Research Assistant*
The Role of Arts Programs in Fostering an Organizational Culture of Patient-Centered Care and an Environment of Healing in Hospitals and Hospices, University of Oregon

Advisor: Dr. J. Josh Snodgrass
Assisting in medical interviews, protocol development, and lab analysis of blood and saliva samples for various biological markers to help identify the kinds of management policies and practices required for strategic implementation of arts programs to create an organizational culture of healing in hospital and hospice settings.

2012-Present *Senior Investigator*
The Shuar Health and Life History Project (SHLHP), Morona-Santiago, Ecuador

Principal Investigators: Drs. J. Josh Snodgrass, Samuel Urlacher, Melissa Liebert, and Felicia Madimenos
Ongoing fieldwork in Ecuador collecting data on Shuar health, levels of parasite infection, anthropometry, blood and saliva samples for various biological markers (e.g. immune function and lipid levels), collecting genealogy information and household

inventories as part of the Shuar Health and Life History Project
https://www.shuarproject.org/

2012-Present *Researcher*
Study on global AGEing and adult health (SAGE), World Health Organization
Project Manager: Dr. Paul Kowal
Assisting in data analysis and the publication of results for a longitudinal study of health and well-being among older adults in nationally representative samples in six countries (China, Ghana, India, Mexico, Russia, and South Africa).
http://www.who.int/healthinfo/systems/sage/en/index.html

TEACHING AND ADVISING

Courses Taught, Sole Instructor
Department of Anthropology, Washington University in St. Louis
Anthropology 4312: Environmental Interactions and Human Health (Fall 2021).

Department of Anthropology, Dartmouth College
Anthropology 06: Introduction to Biological Anthropology (Spring 2020, remotely taught due to COVID-19 pandemic).
Anthropology 62: Health and Disease in Evolutionary Perspective (Spring 2019).

Department of Anthropology, University of Oregon
Anthropology 362: Human Biological Variation (Summer 2018, online course).
Anthropology 369: Human Growth and Development (Summer 2015).

Courses Taught, Graduate Teaching Fellow
Department of Anthropology, University of Oregon
Anthropology 165: Sexuality & Culture (Summer 2017). Instructor: A Montague.
Anthropology 173: Evolution of Human Sexuality (Winter 2012; Winter 2013; Winter 2015). Instructor: F White.
Anthropology 175: Evolutionary Medicine (Fall 2012). Instructor: JJ Snodgrass.
Anthropology 220: Introduction to Nutritional Anthropology (Spring 2016). Instructor: LR Ulibarri.
Anthropology 270: Introduction to Biological Anthropology (Fall 2011, Spring 2013). Instructor: JJ Snodgrass, K Sterner.
Anthropology 310: Human Attraction and Mating Strategies (Spring 2012). Instructor: LS Sugiyama.
Anthropology 362: Human Biological Variation (Fall 2015). Instructor: LR Ulibarri.
Anthropology 369: Human Growth and Development (Fall 2014). Instructor: JJ Snodgrass.

Department of Biology, University of Oregon
Biology 212: Organisms (Winter 2016). Instructor: M Carrier.

Advising

Undergraduate Mentoring

Current

Research Assistants: Bel Orinda (McNair Scholar); Samantha Weaver; Angela Zhang; Julie Deleger; Romello Valentine; Emma Pirillo

Past

Research Assistants: Amanda Lu; Grace Alston; Cecily Craighead; Alexandria Bedbury; Robin Brigham; Brianna Miller; Rebecca Milner; Sarah Riley

Independent Study: EJ Abass

Medical and Masters Student Mentoring

Current

Research Assistants: Courtney Pierce

Past

Research Assistants: Whitney Simmons; Margaret Sherin; Daniela Orozco Rendon

INVITED PRESENTATIONS (including currently scheduled)

2021

Washington University in St. Louis, Global Health Center's Global Health Week Panelist
Human Biology Association, Virtual Workshop Panelist (on academic job application process)
Human Behavior and Evolution Society (HBES), Virtual Roundtable Series
Baylor University, Department of Anthropology, Evolutionary Medicine lecture
Washington University in St. Louis, Department of Anthropology, World Archaeology lecture
Washington University in St. Louis, Living Earth Collaborative seminar series
Washington University in St. Louis, MedX Public Health
Texas A&M University, Department of Anthropology
Dartmouth College, Geisel School of Medicine

2019

Harvard University, Lieberman Lab Colloquia Series, Department of Human Evolutionary Biology
Dartmouth College, Dartmouth Guarini School Academic Job Search Workshop Series

2018

Yale University, Brown Beer Lecture Series in Anthropology
University of Washington, Colloquia Series in Anthropology

2015

University of Oregon, Center for Latino/a and Latin American Studies
University of Oregon, Association of Anthropology Graduate Students speaker series

2013
University of Oregon, Association of Anthropology Graduate Students speaker series

LEADERSHIP, PANEL, AND SERVICE POSITIONS

University Level
2021-Present: Mentor, SLU McNair Scholars Program.
2021-Present: Mentor, WUSTL Global Health Mentoring Program.
2021: Search Committee, digital transformation cluster hire in paleoanthropology.
2020-2021: **President**, Dartmouth College Postdoctoral Association.
2019-2020: Planning Committee, Dartmouth College Postdoctoral Research Day.
2019-2020: Organizing Committee, Dartmouth Anthropology Department Colloquium Series.
2018-2020: **Community Development Committee Chair**, Dartmouth College Postdoctoral Association.
2014: Undergraduate Honors Thesis Committee Member, University of Oregon.
2012-2014: Organizing Member, University of Oregon Association of Anthropology Graduate Students.

Professional Level
2021: Virtual Session Co-Organizer, Building Intersections Of Covid-19 Scholarship, Health Inequities, And Systems Of Care In Pregnancy And The Postpartum. Annual meeting of the American Association of Physical Anthropologists.
2020-2021: Human Biology Association Junior Service Fellow, Sausage of Science podcast producer.
2019: Co-Organizer and Panelist, Evolutionary Medicine: Applications and Interventions for Public Health Symposium, Dartmouth College.
2019: Organizer and Chair, Dartmouth College interdisciplinary working group, "Researching immigrant health and well-being in contemporary American society, navigating the complex issues surrounding participant protection and advocacy in study design".
2017: Session Chair, annual meeting of the American Association of Physical Anthropologists, New Orleans, LA.

PROFESSIONAL MEMBERSHIPS

2018-2020: Society for Applied Anthropology (SfAA)
2017-2019: Population Association of America (PAA)
2014-Present: American Association of Physical Anthropologists (AAPA)
2012-Present: Human Biology Association (HBA)
2011-Present: Lambda Alpha Anthropology Honor Society

CONTINUING EDUCATION AND PEDAGOGICAL TRAINING

2019
Citing Marginalized Scholars in Biological Anthropology
With Drs. Deborah Bolnick and Rick Smith
Inclusivity Workshop, American Association of Physical Anthropologists annual meeting

Reaching Everyone: Universal Design in Your Classroom
Pedagogy Workshop, Dartmouth Center for the Advancement of Learning, Dartmouth College

Deepening Student Learning Through Reflection
Pedagogy Workshop, Dartmouth Center for the Advancement of Learning, Dartmouth College

Discussing Discussions
Pedagogy Workshop, Dartmouth Center for the Advancement of Learning, Dartmouth College

Planetary Health: Life in Our Changing World Workshop
The Geisel School of Medicine chapter of Physicians for Human Rights and Nathan Smith Society, Dartmouth College

2018
Engaging Undergraduates in Research: Mentoring Tips and Resources
Pedagogy Workshop, Dartmouth Center for the Advancement of Learning, Dartmouth College

Responsible Stewardship of Academic Environments
With Drs. Katie Hinde and Robin Nelson
Inclusivity Workshop, Dartmouth College

INVITED REVIEWING

Journals
PLOS One
American Journal of Human Biology
American Journal of Physical Anthropology
Biomedical and Environmental Sciences
BMJ Open
Sleep Medicine
International Journal of Adolescent Medicine and Health
Aging and Mental Health
Journal of Sleep Research
Nature and Science of Sleep
Aging
Women's Health

Grants
National Science Foundation