

*Curriculum Vitae*

**SAMUEL S. URLACHER, PH.D.**

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**RESEARCH AND TEACHING FOCI**

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Biological anthropology; Human evolutionary biology; Evolutionary medicine; Energetics & metabolism; Life history theory; Ecology; Global health; Childhood; Stress; Immune function; Inflammation; Growth; Developmental origins of health & disease; Market integration; Nutritional & epidemiological transitions

**PROFESSIONAL APPOINTMENTS**

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- 2019-present Assistant Professor, Baylor University  
Department of Anthropology
- 2018-2019 Postdoctoral Associate, Duke University  
Department of Evolutionary Anthropology (Mentor: H Pontzer)
- 2016-2018 National Science Foundation Postdoctoral Fellow, Hunter College (CUNY)  
Department of Anthropology (Mentors: H Pontzer, J Snodgrass, L Dugas)  
Grant #SMA1606852: *Tradeoffs in childhood energy allocation and the impact of market integration on ontogeny and health*

**EDUCATION**

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- 2016 Ph.D., Human Evolutionary Biology, Harvard University  
Committee: P Ellison (chair), J Snodgrass, L Sugiyama, K Kramer, D Lieberman  
Dissertation: *Growing Up Shuar: Life History Tradeoffs and Energy Allocation in the Context of Physical Growth Among an Indigenous Amazonian Population*
- 2012 M.A., Human Evolutionary Biology, Harvard University
- 2009 B.S., Human Biology (honors) & Anthropology, Brown University

**PRIMARY RESEARCH PROJECTS (ACTIVE)**

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- 2014-present ***Garisakang Evolutionary Anthropology Project – Papua New Guinea (co-director)***  
Co-director: M Konečná (U. South Bohemia)  
Local collaborators: Binatang Research Center, V Novotny, N Baro, P Toko  
Funders: Czech Science Foundation
- 2011-present ***Shuar Health and Life History Project – Ecuador (co-director)***  
Co-directors: M Liebert (NAU), F Madimenos (Queens), J Snodgrass (U. Oregon)  
Senior researchers: R Bribiescas, T Cepon-Robins, L Sugiyama  
Local collaborators: Federación Interprovincial de Centros Shuar, others  
Funders: NSF, Leakey Foundation, Wenner-Gren Foundation, others

## RESEARCH GRANTS AND FELLOWSHIPS (EXTERNAL AWARDS WITH ASTERISK)

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- 2016 \*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 Harvard University, Washkowitz Dissertation Completion Fellowship (\$27,000).
- 2013 \*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 \*The 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 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 \*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. *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. *Male mating energetics & decision-making processes in the sierra dome spider*. (Mentor: P. Watson).

## PEER-REVIEWED PUBLICATIONS

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- In Review Pontzer H, Brown MH, Wood BM, Raichlen DA, Mabulla AZP, Harris J, Dunsworth H, Hare B, Walker K, Luke A, Dugas LR, Schoeller D, Plange-Rhule J, Bovet P, Forrester TE, Emery Thompson M, Shumaker RW, Rothman J, Vogel E, Sulistyono F, Alavi S, Reuter D, **Urlacher SS**, Ross SR. Evolution of Water Conservation in Humans.
- In Review Gildner TE, Cepon-Robins TJ, Liebert MA, **Urlacher SS**, Schrock JM, Harrington CJ, Madimenos FC, Snodgrass JJ, Sugiyama LS. Associations between market integration and soil-transmitted helminths infection among the Shuar of Amazonian Ecuador.
- In Press **Urlacher SS**, Snodgrass JJ, Dugas LR, Sugiyama LS, Liebert MA, Joyce CJ, Pontzer H. Constraint and tradeoffs regulate energy expenditure during childhood. *Science Advances*.
- Early View 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*.

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.

- 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.
- 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.
- 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 <http://dx.doi.org/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.
- 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.

### INVITED BOOK REVIEWS

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- 2017 **Urlacher SS**. Book Review: Childhood: Origins, Evolution, and Implications. By Courtney Meehan and Alyssa Crittenden. University of New Mexico Press in association with School for Advanced Research Press. Albuquerque: 2016. *American Journal of Human Biology* 29(2):e22969.

### CONFERENCE PRESENTATIONS AND PUBLISHED ABSTRACTS

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- 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)

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- 2018 *The Scientist* (Shuar Project):  
<https://www.the-scientist.com/notebook/amazonians-offer-clues-to-human-childhood-development-64343>
- 2018 *Discover* (Garisakang Project):  
<http://discovermagazine.com/2018/apr/a-brush-with-a-feathered-foe>
- 2018 *Science Daily* (Shuar Project):  
<https://www.sciencedaily.com/releases/2018/04/180424133616.htm>
- 2018 *PNAS 'In This Issue' Feature* (Shuar Project):  
<http://www.pnas.org/content/115/17/4295>
- 2018 *MedicalXpress* (Maya Project):  
<https://medicalxpress.com/news/2018-01-physical-impacts-child-growth.html>

### INVITED PUBLIC, COLLOQUIUM, AND WORKSHOP PRESENTATIONS

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- 2019 Center for Human Evolutionary Studies, Rutgers University
- 2019 Senckenberg Naturmuseum Frankfurt (Germany), Evolutionary Medicine Workshop

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	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 LECTURES**

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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**

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2019	Baylor University, Anthropology 1404, ‘Introduction to Human Evolution’
2015	Harvard University, Human Evolutionary Biology 97, ‘Sophomore Tutorial’
2014	Harvard University, Human Evolutionary Biology 97, ‘Sophomore Tutorial’
2008	Brown University, Anthropology 1320, ‘Human Origins and Variability’ (TA)

### **AWARDS AND HONORS**

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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

### **PROFESSIONAL SERVICE**

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Ongoing	Peer Reviewer: National Science Foundation, <i>PLOS ONE</i> , <i>Current Anthropology</i> , <i>American Anthropologist</i> , <i>American Journal of Physical Anthropology</i> , <i>American Journal of Human Biology</i> , <i>Journal of Biosocial Science</i>
2019	Annual Meetings Committee, Texas Association of Biological Anthropologists

- 2019 Breakout Session Participant, *Challenges, Opportunities and Rewards of Anthropological Research in Latin America: Shared Wisdom by Insiders, Outsiders and Everyone In Between*, 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

### **PROFESSIONAL AFFILIATIONS**

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- 2019-present Texas Association of Biological Anthropologists
- 2018-present International Society for Evolution, Medicine, and Public Health
- 2017-present 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