

FELICIA C. MADIMENOS
Curriculum Vitae

PRESENT POSITION AND CURRENT MAILING ADDRESS

Assistant Professor
Department of Anthropology
Queens College
312C Powdermaker Hall
65-30 Kissena Blvd, Flushing, NY 11367

2013 - Present

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Phone: (718) 997.5637

AFFILIATIONS

2014 – Present Doctoral Faculty, CUNY Graduate Center
2019 – Present Co-Director, [Shuar Health and Life History Project](#)
2007 – 2019 Researcher, [Shuar Health and Life History Project](#)

PRIOR EMPLOYMENT

2012 – 2013 Assistant Professor, Department of Anthropology, Ithaca College
2011 – 2012 Instructor, Department of Anthropology, University of Oregon

EDUCATION

2011 **Ph.D., Anthropology, University of Oregon**
Dissertation Title: *Reproductive trade-offs in skeletal health and physical activity among the Indigenous Shuar of Ecuadorian Amazonia: a life history approach*

2005 **M.A., Biological Anthropology (*magna cum laude*), Louisiana State University**
Master's Thesis Title: *Dental evidence for division of labor in the prehistoric Ipiutak and Tigara of Point Hope, Alaska*

2002 **B.A., Anthropology and Italian (*cum laude*), New York University**

PUBLICATIONS

PEER-REVIEWED JOURNAL ARTICLES & BOOK CHAPTERS

2020 DeLouize AM, Liebert MA, **Madimenos FC**, Urlacher SS, Schrock JM, Cepon-Robins TJ, Gildner TE,

Blackwell AD, Harrington CJ, Amir D, Snodgrass JJ, Sugiyama LS. Low prevalence of anemia among the Indigenous Shuar of Amazonian Ecuador. *Am J Hum Biol* (submitted).

- 2020** Gildner TE, Cepon-Robins TJ, Liebert MA, Urlacher SS, Schrock JM, Harrington CJ, **Madimemos FC**, Snodgrass JJ, Sugiyama LS. Market integration and soil-transmitted helminth infection patterns among indigenous Shuar of Amazonian Ecuador. *PLOS Neglected Tropical Diseases*, (accepted with revisions).
- 2020** Eick G, **Madimemos FC**, Cepon-Robins TJ, Devlin M, Kowal P, Sugiyama LS, Snodgrass JJ. Validation of an ELISA assay for osteocalcin, a marker of bone formation, in dried blood spots. *Am J Hum Biol* <https://doi.org/10.1002/ajhb.23394>.
- 2020** **Madimemos FC**, Liebert MA, Cepon-Robins TJ, Urlacher SS, Snodgrass JJ, Sugiyama LS, Stieglitz J. Disparities in bone density among contemporary Amazonian forager-horticulturalists: Cross-population comparison of the Tsimane and Shuar. *Am J Phys Anthropol* 171(1). <https://doi.org/10.1002/ajpa.23949>.
- 2019** Cepon-Robins TJ, Gildner TE, Schrock J, Eick G, Bedbury A, Liebert M, Urlacher SS, **Madimemos FC**, Harrington CJ, Amir D, Bribiescas RG, Sugiyama LS, Snodgrass JJ. Soil-transmitted helminth infection and intestinal inflammation among the Shuar of Amazonian Ecuador. *Am J Phys Anthropol* 170(1):65-74. DOI: 10.1002/ajpa.23897.
- 2019** Christopher L, **Madimemos 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. *Am J Hum Biol* e23223; DOI: 10.1002/ajhb.23223.
- 2018** Stagaman K, Cepon-Robins TJ, Liebert MA, Gildner TE, Urlacher SS, **Madimemos FC**, Guillemin K, Snodgrass JJ, Sugiyama LS, Bohannan BJ. Market integration predicts human gut microbiome attributes across a gradient of economic development. *mSystems* 3(1):e00122-17; DOI: 10.1128/mSystems.00122-17.
- 2016** Gerber LM and **Madimemos FC**. 2016. Bone health in midlife women. In Biological measures of human experience across the lifespan: making visible the invisible. (Eds) LL Sievert and DE Brown. Springer Press. Pg. 255-273.
- 2016** Gildner TE, Cepon-Robins TJ, Liebert MA, Urlacher SS, **Madimemos 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. *J Physiol Anthropol* 35:28.
- 2016** Stieglitz J, **Madimemos FC**, Kaplan H, Gurven M. Calcaneal quantitative ultrasound indicates reduced bone status among physically active adult forager-horticulturalists. *J Bone Miner Res* 31(3):663-671.
- 2016** Urlacher SS, Blackwell AD, Liebert MA, **Madimemos FC**, Cepon-Robins TJ, Gildner TE, Snodgrass JJ, Sugiyama LS. Physical growth of the Shuar: Height, weight, and BMI references for an indigenous

Amazonian population. *Am J Hum Biol* 28(1):16-30.

- 2016** 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 subadult body size and nutritional status among the Shuar of Amazonian Ecuador. *Ann Hum Biol* 43:316-329.
- 2015** **Madimenos FC**. An evolutionary and life history perspective on osteoporosis. *Ann Rev Anthropol* 44:189-206.
- 2015** **Madimenos FC**, Liebert MA, Cepon TJ, Snodgrass JJ, Sugiyama LS. Determining osteoporosis risk in older *Colono* adults from rural Amazonian Ecuador using calcaneal ultrasonometry. *Am J Hum Biol* 27: 139–142.
- 2015** Stieglitz J, Beheim BA, Trumble BC, **Madimenos FC**, Kaplan H, Gurven M. Low mineral density of a weight-bearing bone among adult women in a high fertility population. *Am J Phys Anthropol* 156:637-648.
- 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. *J Parasitol* 100(5):598-607.

Prior To Initial Appointment At Queens College

- 2013** Liebert MA, Snodgrass JJ, Blackwell AD, **Madimenos FC**, Sugiyama LS. The effects of market integration on blood pressure, glucose, cholesterol, and triglyceride levels in an indigenous lowland Ecuadorian population. *Ann Hum Biol* 40(3):228-242. **Recipient of the Nick Norgan Award for best paper published in 2013.**
- 2012** **Madimenos FC**, Snodgrass JJ, Liebert MA, Cepon TJ, Sugiyama LS. Reproductive effects on skeletal health in Shuar women of Amazonian Ecuador: a life history perspective. *Am J Hum Biol* 24(6):841-852.
- 2012** McDade TW, Tallman P, **Madimenos FC**, Liebert MA, Cepon TJ, Sugiyama LS, Snodgrass JJ. Analysis of variability of high sensitivity C-reactive protein in lowland Ecuador reveals no evidence of chronic low-grade inflammation. *Am J Hum Biol* 24(5):675-681.
- 2011** Blackwell AD, Gurven MD, Sugiyama LS, **Madimenos FC**, Liebert MA, Martin MA, Kaplan HS, Snodgrass JJ. Evidence for a peak shift in a humoral response to helminths: Age profiles of IgE in the Shuar of Ecuador, the Tsimane of Bolivia, and the U.S. NHANES. *PLoS Neglect Trop D* 5: e1218.

- 2011 Madimenos FC**, Snodgrass JJ, Blackwell AB, Liebert MA, Sugiyama LS. Physical activity in an indigenous Ecuadorian forager-horticulturalist population as measured using accelerometry. *Am J Hum Biol* 23(4):488-497.
- 2011 Madimenos FC**, Snodgrass JJ, Blackwell AB, Liebert MA, Cepon TJ, Sugiyama LS. Normative calcaneal quantitative ultrasound data for the indigenous Shuar and non-Shuar *Colonos* of the Ecuadorian Amazon. *Archives of Osteoporos* 6:39-49.
- 2010** Blackwell AD, Snodgrass, JJ, **Madimenos FC**, Sugiyama LS. Life history, immune function, and intestinal helminths: Trade-offs among immunoglobulin E, C-reactive protein, and growth in an Amazonian population. *Am J Hum Biol* 22(6):836-848.
- 2010** Nelson GC, **Madimenos FC**. Obelionic cranial deformation in the Puebloan Southwest. *Am J Phys Anthropol* 143(3):465-472.

BOOK REVIEWS

- 2018 Madimenos FC**. Book Review: Arc of Life: Evolution and Health across the Life Course. *Am J Hum Biol*, <https://doi.org/10.1002/ajhb.23117>.
- 2015 Madimenos FC**. Book Review: Disasters in Field Research. *Am J Hum Biol* 27(5):742-743.

ONLINE WRITINGS

- 2015 Madimenos FC**. Life history trade-offs with skeletal health among the indigenous Shuar of Amazonian Ecuador. New York Consortium in Evolution Primatology (NYCEP): Research Highlights. May 11. <http://nycep.webfactional.com/research/life-history-trade-offs.html>
- 2013 Madimenos FC**. Engaging Shuar communities through collaborative health education: Enhancing participant agency in indigenous health research. The Wenner Gren Blog: Engaged Anthropology Grant. <http://blog.wennergren.org/2013/11/engaged-anthropology-grant-madimenos/>

PUBLISHED ABSTRACTS

- 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. *Am J Hum Biol* e23213:19.
- 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. *Am J Hum Biol* e23213:31.

- 2019 Madimenos FC**, Eick G, Snodgrass JJ. Improving health care accessibility to participants through point-of-care technologies. *Am J Phys Anthropol* 168(S68):151 (**Invited session**).
- 2019** Shattuck-Heidorn H, Eick G, Kramer KL, Sugiyama LS, Champang M, **Madimenos FC**, Snodgrass JJ, Ellison PT. Comparisons of C-reactive protein and metabolic syndrome in first generation US immigrants and those remaining in home communities in Ecuador. *Am J Hum Biol* e23213:48.
- 2019** Treadway AM, Liebert MA, **Madimenos FC**, Urlacher SS, Cepon-Robins TJ, Gildner TE, Blackwell AD, Snodgrass JJ, Sugiyama LS. Secular trends in cardiovascular and metabolic health among the Indigenous Shuar of Amazonian Ecuador. *Am J Phys Anthropol* 168(S68):249.
- 2019** Urlacher SS, Snodgrass JJ, Dugas LR, **Madimenos FC**, Pontzer H. The energetic ecology of childhood: Tradeoffs in energy allocation and the impact of market integration on ontogeny and health. *Am J Hum Biol* e23213:58.
- 2018** Cepon-Robins TJ, Gildner TE, Schrock J, Eick G, Bedbury A, Liebert MA, Urlacher SS, **Madimenos FC**, Harrington C, 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. *Am J Phys Anthropol* 165(S66):44.
- 2018** Gildner TE, Urlacher SS, Liebert MA, Cepon-Robins TJ, Schrock J, **Madimenos FC**, Harrington C, Snodgrass JJ, Sugiyama LS. Lifestyle changes in immune function: Associations between immunoglobulin E levels and market integration among indigenous Shuar from Amazonian Ecuador. *Am J Phys Anthropol* 165(S66):98.
- 2018** Gildner TE, Liebert MA, Schrock J, Urlacher SS, Harrington C, 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. *Am J Hum Biol* 30(2):15.
- 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. *Am J Hum Biol* 30(2):26.
- 2018 Madimenos FC**, Liebert MA, Urlacher SS, Harrington CH, Cepon-Robins TJ, Gildner TE, Snodgrass JJ, Sugiyama LS. Shuar childhood and adolescent bone density documented across varying degrees of market integration. *Am J Phys Anthropol* 165(S66):164.
- 2018 Madimenos FC**, Stieglitz J, Liebert MA, Cepon-Robins T, Urlacher SS, Snodgrass JJ, Sugiyama LS. Cross-population comparison of skeletal health among indigenous Bolivian Tsimane and Ecuadorian Shuar of Amazonia. *Am J Hum Biol* 30(2):26.

- 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. *Am J Hum Biol* 29(2):7.
- 2017** Gildner TE, Liebert MA, Cepon-Robins TJ, Bribiescas RG, Sugiyama LS, Urlacher SS, Shrock JM, Harrington CJ, **Madimenos FC**, Snodgrass JJ. Associations between testosterone levels and parasite load: Testing life history tradeoffs among indigenous Shuar men from Amazonian Ecuador. *Am J Phys Anthropol* 162(S64):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. *Am J Hum Biol* 29(2):19.
- 2017** Liebert MA, Urlacher SS, **Madimenos FC**, Snodgrass JJ, Gildner TE, Cepon-Robins TJ, Bribiescas RG, Sugiyama LS. Diurnal cortisol rhythms among the indigenous Shuar of Amazonian Ecuador: individual differences by age, sex, and body composition across the lifespan. *Am J Hum Biol* 29(2):28.
- 2017** **Madimenos FC**, Liebert MA, Urlacher SS, Cepon-Robins TJ, Gildner TA, Harrington CJ, Snodgrass JJ, Sugiyama LS. Documenting the changing reproductive landscape among Shuar females from Amazonian Ecuador. *Am J Phys Anthropol* 162(S64):272.
- 2016** Amir D, Dunham Y, Liebert M, Snodgrass J, Urlacher S, **Madimenos FC**, Sugiyama LS, Bribiescas RG. Environmental reliability, inter-temporal choice, and risky decision-making among Shuar children. *Am J Hum Biol* 28(2):267.
- 2016** Barrett TM, Liebert MA, Eick G, Ridgeway-Diaz JG, **Madimenos FC**, Blackwell AD, Sugiyama LS, Snodgrass JJ. The interrelationship of cytomegalovirus and Epstein-Barr virus antibodies among Shuar of Amazonian Ecuador. *Am J Phys Anthropol* 159(S62):87.
- 2016** Cepon-Robins TJ, Gildner TE, Liebert MA, Urlacher SS, **Madimenos FC**, Sugiyama LS, Snodgrass JJ. Soil-transmitted helminths 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. *Am J Hum Biol* 28(2):271.
- 2016** Gildner TE, Liebert LM, Bribiescas RG, Sugiyama LS, Urlacher SS, Cepon-Robins TJ, **Madimenos FC**, Snodgrass JJ. Diurnal testosterone variation among indigenous Shuar men from Amazonian Ecuador. *Am J Phys Anthropol* 159(S62):154.
- 2016** Liebert MA, **Madimenos FC**, Urlacher SS, Gildner TE, Cepon-Robins TJ, Snodgrass JJ, Sugiyama LS. The embodiment of market integration: Modeling in cultural consonance among Shuar children of Amazonian Ecuador. *Am J Phys Anthropol* 159(S62):44.
- 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. *Am J Phys Anthropol* 159(S62):215.

- 2016** Stieglitz J, **Madimenos FC**, Kaplan H, Gurven M. High osteoporosis risk among physically active forager-horticulturalists. *Am J Phys Anthropol* 159(S62):303.
- 2016** Sugiyama LS, Liebert MA, **Madimenos FC**, Blackwell AD, Urlacher SS, Cepon-Robins TJ, Gildner T, Bribiescas R, Snodgrass JJ. From Foraging to Facebook: market integration and health among the Shuar of Southeastern Ecuador. *Am J Phys Anthropol* 159(S62):307.
- 2015** Cepon-Robins 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. *Am J Phys Anthropol* 60:104.
- 2015** Gildner TE, Cepon-Robins 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. *Am J Hum Biol* 27:250.
- 2015** Liebert MA, Ridgeway-Diaz JG, Snodgrass JJ, **Madimenos FC**, Blackwell AD, Cepon-Robins TJ, Sugiyama LS. The Shuar Health and Life History Project: Lifestyle incongruity and immune function among the Indigenous Shuar of Amazonian Ecuador. *Am J Hum Biol* 27:251.
- 2015** **Madimenos FC**, Sugiyama LS. Shuar Health and Life History Project: Varieties of collaborative research and the translation of scientific research in Amazonian Ecuador. *Am J Phys Anthropol* 60:210.
- 2015** Stieglitz J, Beheim B, Trumble B, **Madimenos FC**, Kaplan H, Gurven M. Low mineral density of a weight-bearing bone among adult women in a high fertility population. *Am J Phys Anthropol* 60:297.
- 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. *Am J Hum Biol* 27:252.
- 2014** Antón SC, Middleton ER, **Madimenos FC**, Snodgrass JJ. Integrating datasets in biological anthropology: an introduction to the Bones and Behavior Project. *Am J Phys Anthropol* 153(S58):68.
- 2014** Cepon-Robins TJ, Antón SC, Crowder CM, Duren DL, Fernandez-Duque E, Leigh SR, **Madimenos FC**, McGraw WS, Middleton ER, Rainwater CW, Schmitt CA, Sherwood RJ, Stinson S, Stubblefield P, Turner TR, Valeggia C, Snodgrass JJ. Next steps and best practices in primatology, human biology, forensic anthropology, and paleoanthropology for the Bones and Behavior Project. *Am J Phys Anthropol* 153(S58):92.
- 2014** Cepon-Robins TJ, Liebert MA, Gildner TE, **Madimenos FC**, Urlacher SS, Blackwell AD, Snodgrass JJ,

Sugiyama LS. The Shuar Health and Life History Project: Chronic and infectious disease burden among the Shuar – The complicated nature of epidemiological transitions. *Am J Hum Biol* 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. *Am J Hum Biol* 26(2):270.
- 2014** **Madimenos FC**, Antón SC, Snodgrass JJ. 2014. The Bones and Behavior Project protocol for the standardization of human skeletal measurements. *Am J Phys Anthropol* 153(S58):174.
- 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. *Am J Hum Biol* 26(2):235-288.
- 2014** Sugiyama LS, **Madimenos FC**, Liebert MA, Urlacher SS, Cepon-Robins TJ, Blackwell AD, Gildner TE, Gandolfo TR, Colehour A, Bribiescas RG, Snodgrass JJ. Get a grip on phenotypic quality: Shuar Health and Life History Project analysis of grip strength indicates its utility as an indicator of phenotypic quality and health. *Am J Phys Anthropol* 153(S58):249.

Prior To Initial Appointment At Queens College

- 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 helminthes among an indigenous lowland Ecuadorian population. *Am J Hum Biol* 25(2):253-254.
- 2013** **Madimenos FC**, Liebert MA, Cepon TJ, Tallman P, Snodgrass JJ, Sugiyama LS, McDade TW. Determining ovarian follicle reserve from Anti-Mullerian hormone as detected using dried blood spots gathered in a remote field setting. *Am J Phys Anthropol (Supp)* 56:185-186. **(Invited to present at Plenary Poster Session).**
- 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. *Am J Hum Biol* 24:222.
- 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. *Am J Hum Biol* 24:232.
- 2012** **Madimenos FC**, Snodgrass JJ, Liebert MA, Cepon TJ, Sugiyama LS. The Shuar Health and Life History Project: lifestyle and dietary correlates of skeletal health among the indigenous Shuar and non-Shuar *Colonos* of Ecuadorian Amazonia. *Am J Phys Anthropol* 147:199-200.

- 2012** Sugiyama LS, **Madimenos FC**, Liebert MA, Blackwell AD, Cepon TJ, Snodgrass JJ. The Shuar Health and Life History Project: measures of market integration and their effects on health among Indigenous Shuar of Ecuadorian Amazonia. *Am J Hum Biol* 24:244.
- 2012** Tallman PA, Liebert MA, **Madimenos FC**, Cepon TJ, Sugiyama LS, Snodgrass JJ, McDade TW. The Shuar Health and Life History Project: Somatic symptoms in the Shuar of the Ecuadorian Amazon, “idioms of distress”, immune dysregulations, or both? *Am J Hum Biol* 24:244.
- 2011** Blackwell AD, Gurven M, Sugiyama LS, **Madimenos FC**, Liebert MA, Martin M, Kaplan H, Snodgrass JJ. Can higher pathogen prevalence lead to better growth? Epidemiological patterns in growth and immunoglobulin E in two Amazonian populations. *Am J Hum Biol* 23(2):252.
- 2011** Cepon TJ, Liebert MA, **Madimenos FC**, Sugiyama LS, Blackwell AD, Leonard WR, Tarskaia LA, Klimova TM, Krivoschapkin VG, Snodgrass JJ. Variation in cardiovascular disease risk in response to market integration in two transitioning populations. *Am J Phys Anthropol* 144 S(52):107.
- 2011** Liebert MA, Snodgrass JJ, Blackwell AD, **Madimenos FC**, Cepon TJ, Sugiyama LS. The Shuar Health and Life History Project: immunoglobulin E, C-reactive protein, and cardiovascular and metabolic health among the indigenous Shuar of Ecuador. *Am J Hum Biol* 23(2):264.
- 2011** **Madimenos FC**, Snodgrass JJ, Blackwell AD, Liebert MA, Sugiyama LS. Reproductive trade-offs and bone health among Shuar and Colonos females from Amazonian Ecuador. *Am J Hum Biol* 23(2):264. **Recipient of E.E. Hunt Prize for Exceptional Student Presentation.**
- 2011** Rueckert TJ, Snodgrass JJ, Liebert MA, **Madimenos FC**, Blackwell AD, Sugiyama LS. The Shuar health and life history project: effects of market integration and diet on hemoglobin in two lowland Ecuadorian populations. *Am J Hum Biol* 23(2):275.
- 2011** Ridgeway-Diaz JG, Shattuck-Faegre H, Blackwell AD, **Madimenos FC**, Liebert MA, Squires EC, Sugiyama LS, Snodgrass JJ. The Shuar health and life history project: Epstein-Barr virus and market integration in the indigenous Shuar of Ecuadorian Amazonia. *Am J Hum Biol* 23(2):274.
- 2011** Shattuck-Faegre H, Ridgeway-Diaz JG, Blackwell AD, **Madimenos FC**, Liebert MA, Squires EC, Sugiyama LS, and Snodgrass JJ. The Shuar Health and Life History Project: immune pathways and Epstein-Barr virus. *Am J Hum Biol* 23(2):276.
- 2010** Blackwell AD, Snodgrass JJ, Gurven M, Kaplan H, **Madimenos FC**, Liebert MA, Sugiyama LS. Exposure to parasites and development of immune response: age profile of immunoglobulin E (IgE) in the Shuar of Easter Ecuador, the Tsimane of Bolivia, and the U.S. NHANES. *Am J Phys Anthropol* 141(S50):68.
- 2010** Liebert MA, Snodgrass JJ, Blackwell AD, **Madimenos FC**, Sugiyama LS. The implications of varying degrees of market integration on blood pressure, glucose, cholesterol, and triglyceride levels in an indigenous lowland Ecuadorian population. *Am J Hum Biol* 22(2):260.

- 2010** Liebert MA, Snodgrass JJ, Blackwell AD, **Madimenos FC**, Sugiyama LS. The effects of market integration on blood pressure, glucose, cholesterol, and triglyceride levels in an indigenous lowland Ecuadorian population. *Proc AAAS* 29(1):77.
- 2010** **Madimenos FC**, Snodgrass JJ, Blackwell AD, Liebert MA, Sugiyama LS. Reproductive history and bone health among female Shuar and Colonos from the Ecuadorian Amazon. *Proc AAAS* 29(1):76-77.
- 2010** **Madimenos FC**, Cepon TJ, Snodgrass JJ, Sugiyama LS. Corroborating accelerometry-based physical activity data with self-report data. *Am J Hum Biol* 22(2):261.
- 2010** **Madimenos FC**, Liebert MA, Snodgrass JJ, Blackwell AD, Sugiyama LS. A profile of bone health in an Ecuadorian forager-horticulturalist population. *Am J Phys Anthropol* 141(S50):160.
- 2010** Sugiyama LS, Snodgrass JJ, Blackwell AD, **Madimenos FC**, Liebert MA. Effects of diet, household economy, and social stress on growth and health of indigenous Shuar of Ecuadorian Amazonia. *Am J Hum Biol* 22(2):271.
- 2010** Ridgeway-Diaz JG, Sugiyama LS, Snodgrass JJ, Blackwell AD, **Madimenos FC**, Liebert MA. Effects of diet and household economy on growth and health of indigenous Shuar of Ecuadorian Amazonia. *Proc AAAS* 29(1):77.
- 2010** Stubblefield PS, Anton SC, Snodgrass JJ, Crowder C, Di Fiore A, Duren DL, Fernandez-Duque E, Leonard WR, Leigh SR, **Madimenos FC**, McGraw S, Middleton E, Schmitt CA, Sherwood RJ, Turner RT, Vallengia CR, White FJ. Integrative measurement protocols incorporating morphometric and behavioral research tools from forensic anthropology, human biology and primatology. *Proc Amer Acad Sci* 16:366.
- 2009** Antón SC, Snodgrass JJ, Crowder C, Di Fiore A, Duren DL, Fernandez-Duque E, Leonard WR, Leigh SR, **Madimenos FC**, McGraw WS, Middleton E, Schmitt C, Sherwood RJ, Stinson S, Stubblefield P, Turner T, Vallengia CR, White FJ. Integrative measurement protocol for morphological and behavioral research in human and nonhuman primates. *Am J Phys Anthropol* 138(S48):78.
- 2009** Blackwell AD, Snodgrass JJ, **Madimenos FC**, Cepon TJ, Gandolfo TR, Liebert MA Sugiyama LS. Trade-offs in immune function and growth in a rural Amazonian village. *Am J Hum Biol* 21(2):247.
- 2009** Gandolfo TR, Snodgrass JJ, Blackwell AD, **Madimenos FC**, Cepon TJ, Sugiyama LS. Shuar sleep patterns: a preliminary study of sleep duration and quality in an Indigenous Amazonian society. *Am J Hum Biol* 21(2):254.
- 2009** **Madimenos FC**. Dental evidence for subsistence strategy differences in pre-contact Ipiutak and Tigara of Point Hope, Alaska. *Am J Phys Anthropol* 138(S48):180.
- 2009** **Madimenos FC**, Snodgrass JJ, Blackwell AD, Cepon TJ, Gandolfo TR, Sugiyama LS. Physical activity measured using accelerometry in an indigenous lowland Ecuadorian population. *Am J Hum Biol* 20(2):260.

- 2009** Snodgrass JJ, Antón SC, Crowder C, Di Fiore A, Duren DL, Fernandez-Duque E, Leonard WR, Leigh SR, **Madimenos FC**, McGraw WS, Middleton E, Schmitt C, Sherwood RJ, Stinson S, Stubblefield P, Turner T, Vallengia CR, White FJ. Integrative measurement protocol for morphological and behavioral research in human and nonhuman primates. *Am J Hum Biol* 20(2):269.
- 2009** Snodgrass JJ, Blackwell AD, **Madimenos FC**, Cepon TJ, Gandolfo TR, Sugiyama LS. Growth and nutritional status in an indigenous lowland Ecuadorian population. *Am J Phys Anthropol* 138(S48):243.
- 2008** **Madimenos FC**, Snodgrass JJ, Leonard WR. Recent trends in human biology: a content analysis of the American Journal of Human Biology. *Am J Hum Biol* 20:226.

INVITED TALKS

- 2018** **CUNY Graduate Center Anthropology Program Friday Colloquium.** Indigenous health at the intersection of changing environments: Case studies from the Shuar. May 4.
- 2018** **Women's Day Panel, QC Student Association Event.** March 14th.
- 2013** **CUNY Graduate Center Anthropology Program Friday Colloquium.** The Shuar Health and Life History Project: Market integration, life history, and health in an Indigenous Amazonian Ecuadorian Population. October 4.

Prior To Initial Appointment At Queens College

- 2013** **Yale University,** Anthropology Department Brown Bag Lunch. Trade-offs in reproduction and skeletal health among Shuar women of Ecuadorian Amazonia. January 17.
- 2012** **Ithaca College Anthropology Club Brown Bag Lunch.** The Shuar health and life history project. November 8.
- 2010** **UO Fall Administrator-Graduate Student Dinner,** Shuar health and life history project: market integration and health.
- 2010** **UO Institute of Cognitive and Decision Sciences,** The Shuar health and life history project: exploring the health effects of a market economy.

CONFERENCE SESSION ORGANIZER

- 2015** **Madimenos F,** Waller MT. Engaging Research Communities: Collaborating and translating research in biological anthropology. Invited Poster Session. 84th Annual Meeting of the American Association of Physical Anthropologists. *Am J Phys Anthropol* 60:43-44.

2014 Madimenos FC, Middleton E, Antón SA, Snodgrass JJ. The Bones and Behavior Project: Fostering integration across biological anthropology. Invited Poster Session. 83rd Annual Meeting of the American Association of Physical Anthropologists. *Am J Phys Anthropol* 153(S58):40-41.

OTHER PRESENTATIONS (Not Listed Above)

2018 Madimenos FC. Skeletal health insight from two Amazonian forager-horticulturalist populations. QC Biology Symposium. January 17.

2016 Liebert MA, **Madimenos FC**, Urlacher SS, Gilder TE, Snodgrass JJ, Sugiyama LS. Developing cultural consonance models for Shuar children of Amazonian Ecuador. Annual Meeting of the Society for Applied Anthropology, Vancouver, Canada.

Prior To Initial Appointment At Queens College

2012 Liebert MA, Cepon TJ, **Madimenos FC**, Mathur A, Williams SR, Naidoo N, Snodgrass JJ. Self-reported physical activity and measured energy expenditure using accelerometers: Results of a SAGE sub-study in India. Annual Meeting of the Population Association of America, San Francisco, CA.

2011 Liebert MA, Cepon TJ, **Madimenos FC**, Sugiyama LS, Blackwell AD, Leonard WR, Tarskaia TM, Klimova LA, Krivoschapkin VG, Snodgrass JJ. Variation in cardiovascular disease risk in response to market integration in two diverse populations. Second Annual Graduate Student Research Forum, University of Oregon.

2011 Madimenos FC, Snodgrass JJ, Blackwell AD, Liebert MA, Cepon TJ, Sugiyama LS. The Shuar health and life history project: Female reproductive history and bone health. Second Annual Graduate Student Research Forum, University of Oregon.

2011 Madimenos FC, Snodgrass JJ, Blackwell AD, Liebert MA, Sugiyama LS. Effects of female reproductive history on bone health among Shuar and Non-Shuar Colonos from Ecuadorian Amazonia. Annual Meeting of the Society for Applied Anthropology, Seattle, WA.

2011 Snodgrass JJ, Wiesner M, Martinez Jr. C, Kaplan C, Capaldi D, **Madimenos FC**. Acculturation, psychosocial stress, and EBV antibodies among Latino mother-child dyads. Annual Meeting of the Society for Applied Anthropology, Seattle, WA.

2010 Blackwell AD, Snodgrass JJ, **Madimenos FC**, Liebert MA, Sugiyama LS. Parasite transmission, resource competition, and life history allocations: the effects of family composition on the growth and immune function of Shuar children. Annual Meeting of the Human Behavior and Evolution Society (HBES), Eugene, OR.

2010 Liebert MA, Snodgrass JJ, Blackwell AD, **Madimenos FC**, Sugiyama LS. Market integration, evolutionary mismatches, and the emergence of hypertension, high cholesterol and type 2

diabetes among indigenous Shuar of neo-tropical Ecuador. Annual Meeting of the Human Behavior and Evolution Society (HBES), Eugene, OR.

- 2010 Madimenos FC**, Snodgrass JJ, Blackwell AD, Liebert MA, Sugiyama LS. Female reproduction history and bone health among Shuar and Colonos from the Ecuadorian Amazon: a life history theory perspective. Annual Meeting of the Human Behavior and Evolution Society (HBES), Eugene, OR.
- 2010 Madimenos FC**, Snodgrass JJ, Blackwell AD, Liebert MA, Sugiyama LS. Reproductive status and energy dynamics in an indigenous Ecuadorian forager-horticulturalist population. Annual Meeting of the Human Behavior and Evolution Society (HBES), Eugene, OR.
- 2010 Madimenos FC**, Snodgrass JJ, Blackwell AD, Liebert MA, Sugiyama LS. Life history trade-offs between bone health and female reproductive history among the indigenous Shuar and Colonos from the Ecuadorian Amazon. Alliance of Latin American Biologists-Human Biology Association (ALAB-HBA) meeting. Bogota, Colombia.
- 2010** Rueckert TJ, Snodgrass JJ, **Madimenos FC**, Blackwell AD, Liebert MC, Sugiyama LS. Effects of household ecology and market integration on Shuar nutritional status and hemoglobin (Hb) in an indigenous lowland Ecuadorian population. Annual Meeting of the Human Behavior and Evolution Society (HBES), Eugene, OR.
- 2010** Sugiyama LS, Snodgrass JJ, Liebert MA, Blackwell AD, **Madimenos FC**, Ridgeway-Diaz JG. Effects of diet and household economy on growth and health of indigenous Shuar of Ecuadorian Amazonia. Alliance of Latin American Biologists-Human Biology Association (ALAB-HBA) meeting. Bogota, Colombia.
- 2009** Blackwell AD, Snodgrass JJ, **Madimenos FC**, Cepon TJ, Gandolfo TR, Sugiyama LS. Are quantity-quality tradeoffs reflected in the immune function of human children? An analysis of immune function, illness frequency, and family composition in a Shuar village. Annual Meeting of the Human Behavior and Evolution Society (HBES), Fullerton, CA
- 2009** Blackwell AD, Snodgrass JJ, **Madimenos FC**, Cepon TJ, Gandolfo TR, Liebert MA Sugiyama LS. An analysis of the relationship between chronic stress, inflammation, and growth outcomes in Ecuadorian Shuar children. Annual Meeting of the Northwest Anthropological Conference (NWAC), Newport, OR.
- 2009 Madimenos FC**, Snodgrass JJ, Blackwell AD, Cepon TJ, Gandolfo TR, Liebert MA, Sugiyama LS. Energetics and novel environments: physical activity using accelerometry in an indigenous lowland Ecuadorian population. Annual Meeting of the Northwest Anthropological Conference (NWAC), Newport, OR.
- 2009** Sugiyama LS, Snodgrass JJ, Blackwell AD, **Madimenos FC**, Cepon TJ, Gandolfo TR, Liebert MA. Growth and nutritional status in an indigenous lowland Ecuadorian population. Annual Meeting of the Human Behavior and Evolution Society (HBES), Fullerton, CA.

- 2008 Madimenos FC, Nelson GC.** Obelionic cranial deformation in the American Southwest. Annual Meeting of the Paleopathology Association, Columbus, OH.
- 2007 Madimenos FC.** Dental evidence for division of labor in the precontact Ipiutak and Tigara of Point Hope, Alaska. Department of Anthropology Colloquium Series, University of Oregon, Eugene, OR.
- 2007 Madimenos FC, Snodgrass JJ.** Biomarker and anthropometric data collection. Presentation to assessors from the Farmworker Housing Development Corporation and Oregon Social Learning Center (for project “Stress and culture change among Latino immigrants in Oregon”), Woodburn, OR.
- 2007 Nelson GC, Madimenos FC.** Unusual cranial deformation in a Gallina skeletal series. Annual Meeting of the Paleopathology Association, Philadelphia, PA.
- 2005 Madimenos FC.** 2005. Dental evidence for division of labor in the prehistoric Ipiutak and Tigara of Point Hope, Alaska. Department of Anthropology West Field/R.J. Russell Research Grant Friday Forum, Louisiana State University, LA.

GRANTS & FELLOWSHIPS

- 2020** Health Outcomes of Migration among Ecuadorians living in Tri-State Area: Investigating the “immigrant health paradox” through a cross-population comparison with native Ecuadorians, *PSC-CUNY Research Award* (\$3500)
- 2018** Effects of Inflammation & Elevated Immune Function on Bone Density in Amazonian Ecuadorian Children & Adolescents, *PSC-CUNY Research Award* (\$5892)
- 2017** Investigating Trade-Offs in Linear Growth and Bone Accretion among Amazonian Shuar of Ecuador, *PSC-CUNY Research Award* (\$3500)
- 2014** Market Integration Influences on Skeletal Health, *PSC-CUNY Research Award* (\$3500)
- 2013** *Wenner-Gren Engaged Anthropology Grant* (\$5000)
- 2013** *Summer Research Grant*, Ithaca College (\$3350)
- 2011** *Health Education Department Fund Award for Travel*, University of Oregon (\$350)
- 2010 – 2011** University of Oregon Doctoral Dissertation Research Fellowship (\$18,000)
- 2010** *Department of Anthropology Travel Award*, University of Oregon (\$200)
- 2009 – 2011** *National Science Foundation Doctoral Dissertation Improvement Grant* (\$1900)
- 2009 – 2010** *Wenner-Gren Dissertation Fieldwork Grant* (\$19,770)
- 2009 – 2010** *L.S.B. Leakey Foundation Research Grant* (co-PI; The effects of reproductive history and lifestyle on bone density among the Shuar of Ecuador; \$17,060) (JJ Snodgrass [PI] and LS Sugiyama [co-PI])
- 2008** *Department of Anthropology Travel Award*, University of Oregon (\$300)
- 2008** *Juda Memorial Endowment Research Fund*, University of Oregon (\$1000)
- 2008** *Health Education Department Fund Award for Travel*, University of Oregon (\$350)
- 2008** *Evonuk Memorial Graduate Fellowship*, University of Oregon (\$4200)
- 2008** *Graduate School Research Award*, University of Oregon (\$500)
- 2007 – 2010** *Graduate Teaching Fellowship*, University of Oregon
- 2006 – 2007** *Promising Scholar Fellowship*, University of Oregon

2004 *Robert C. West Research Travel Grant, Louisiana State University (\$300)*

AWARDS & HONORS

2016 Expanding Hybrid and Online Programs at Queens College, Project Development for Online Courses (with Drs. Larissa Swedell & Karine Tache), Center for Teaching & Learning, Queens College

2011 E.E. Hunt Prize for Exceptional Student Presentation, Human Biology Association

2002 Founder's Day Award Recipient for Academic Excellence, New York University

1999 – 2002 Academic Excellence Scholarship, New York University

HONORS THESIS COMMITTEE

Spring 2020 Lauren Kehoe, "Secular Trends in Contraception Use Among Indigenous Shuar and Colono Women" (chair)

Spring 2018 Alejandro Laserna, "Reconstructing the life of wild gorillas based on pathological features in the skeleton: Implications for the bioarcheology of care"

Spring 2017 Olha Lysa, "Life Histories of Body Donors of Teaching Collection in Queens and Lehman Colleges CUNY"

Fall 2015 Simranjit Kaur, "The Role of Socioeconomic Status on the Developmental Origins of Health and Disease"

Spring 2015 Sana Khalid, "Osteoarthritis in Archaic vs. Mississippian Humans"
Jenna Lynch, "Provenancing Faunal Fossils on the Homa Peninsula in Kenya"

DISSERTATION COMMITTEE

Fall 2018 Ayesha Yasmeen Hinedi, "Influence of the Silk Road trade on the craniofacial morphology of populations in Central Asia"

INTERNATIONAL STUDENT MENTORING

Spring 2018 Sabah Moughal (University of Auckland, New Zealand) "Influence of developmental factors on anthropometric variation in Punjabi migrants living in New Zealand," Master's Thesis.

Spring 2017 Mariana Torres Arroyo (Cinvestav-Mérida, Mexico), "Changes in nutritional status in relation to dietary habits from adolescence to adulthood in Merida, Yucatan: A cohort study," Master's Thesis.

COLLEGIATE SERVICE AND PROFESSIONAL SERVICE

Professional Service

- 2019 – 2021** Nominations & Elections Committee, Human Biology Association (Chair: 2020 –2021)
- 2017 – 2018** Graduate Admissions Committee (NYCEP – CUNY)
- 2016 – 2017** American Association of Physical Anthropology Program Committee
- 2015 – 2017** Nominations & Elections Committee, Human Biology Association
- 2014 – 2016** Grant Reviewer for Wenner-Gren Foundation
- 2011 – 2012** Conference Planner, Annual meeting of the AAPA, Portland, Oregon
- 2011 – 2012** Local Arrangements Committee, Annual meeting HBA, Portland, Oregon

College-Wide and Departmental Service

- 2019 – present** Application Reviewer, Queens College Scholarships
- 2016 – present** Online Curriculum Committee
- 2014 – present** Faculty Liaison to Queens College Anthropology Society
- 2014 – present** Department Website Designer & Coordinator, Queens College
- 2014 – 2018** Curriculum Committee (Chair: 2016 – 2017)
- 2014 – 2015** Academic Senate Representative, Queens College
- 2012 – 2013** Events & Evaluations Subcommittee Coordinator, Ithaca College

PROFESSIONAL MEMBERSHIPS

American Association of Physical Anthropologists
Human Biology Association Fellow

MEDIA/ADDITIONAL COVERAGE OF RESEARCH

- 2019** Fieldwork photo published: *Developmental Psychology* 5ce. Schaffer, Wood, Newton, Lee, Krettenauer, Roberts, and Gottardo (photographer: Madimenos)
- 2012** *Bone mineral density status: It's complicated*. Scientific American Blog by Katie Hinde, November 16, 2012. <https://blogs.scientificamerican.com/context-and-variation/bmd-status-its-complicated/>
- 2012** *'Silent Killer' may be disease of the affluent*. 2012. Science Magazine article by Ann Gibbons, May 31, 2012. <http://www.sciencemag.org/news/2012/05/silent-killer-may-be-disease-affluent>.