

# FELICIA C. MADIMENOS

## *Curriculum Vitae*

Department of Anthropology, Queens College  
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e-mail: [felicia.madimenos@qc.cuny.edu](mailto:felicia.madimenos@qc.cuny.edu) Phone: 718.997.5637  
Web: <http://www.bonesandbehavior.org/madimenos.html>

### EDUCATION

**2011 Ph.D., Anthropology, University of Oregon**

Committee: JJ Snodgrass (chair), LS Sugiyama, JR Lukacs, JR Halliwill

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**

Committee: MH Manhein (chair), R Tague, R Saunders

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, New York, NY**

### ACADEMIC APPOINTMENTS

**2014 – Present** CUNY Graduate Center Faculty, 2014 - present  
**2013 – Present** Queens College (CUNY), Assistant Professor, Department of Anthropology  
**2012 – 2013** Ithaca College, Assistant Professor, Department of Anthropology  
**2011 – 2012** University of Oregon, Instructor, Department of Anthropology

### GRANTS & FELLOWSHIPS

**2018** PSC-CUNY Research Award (\$5892)  
**2017** PSC-CUNY Research Award (\$3500)  
**2014** 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

## PUBLICATIONS

### Peer-Reviewed Journal Articles

- 2018 Stagaman K, Cepon-Robins TJ, Liebert MA, Gildner TE, Urlacher SS, **Madimenos FM**, 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 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. *J Physiol Anthropol* 35:28.
- 2016 Stieglitz J, **Madimenos 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, **Madimenos 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.
- 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 biovariability 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.** 2011. 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.

### Chapters in Edited Volumes

**2016** Gerber LM and **Madimenos 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.

### Manuscripts in Review

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. *Am J Hum Biol* (in review).

**Madimenos FC**, Stieglitz J, Liebert MA, Cepon-Robins TJ, Sugiyama LS. Age- and sex- comparison of skeletal health among two Amazonian forager-horticulturalist groups: the Tsimane and the Shuar. *Am J Hum Biol* (in review).

### Manuscripts in Prep

Cepon-Robins TJ, Gildner T, Liebert MA, Urlacher SS, **Madimenos FC**, Snodgrass JJ, Sugiyama LS. Disgust sensitivity is environmentally calibrated and functions to reduce parasite load: evidence from an indigenous Amazonian population. *Target Journal: PNAS*.

Cepon-Robins TJ, Gilder TE, Schrock J, Eick G, Bedbury A, Liebert MA, Urlacher SS, **Madimenos FC**, Harrington CJ, Amir D, Bribiescas RG, Sugiyama LS, Snodgrass JJ. Macroparasitic infection and intestinal inflammation among the Shuar of Amazonian Ecuador. *Target Journal: Am J Phys Anthropol*.

**Madimenos FC**, Sugiyama LS, Liebert MA, Cepon TJ, Blackwell AD, and Snodgrass JJ. Market integration and changing lifeways among the indigenous Shuar of Ecuador. *Target Journal: JLAS*.

Sugiyama LS, Blackwell AD, **Madimenos FC**, Liebert MA, and Snodgrass JJ. Effects of household ecology and market integration on Shuar nutritional status and hemoglobin (Hb) in an indigenous lowland Ecuadorian population. *Target Journal: Am J Hum Biol*.

### 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.** 2015. 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. [www.nycep.org/research/life-history-trade-offs](http://www.nycep.org/research/life-history-trade-offs)
- 2013 Madimenos FC.** 2013. 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/>

## INVITED TALKS

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

### Session Organizer

- 2015 Madimenos F,** Waller MT. Engaging Research Communities: Collaborating and translating research in biological anthropology. Invited Poster Session. 84<sup>th</sup> 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. 83<sup>rd</sup> Annual Meeting of the American Association of Physical Anthropologists. *Am J Phys Anthropol* 153(S58):40-41.

### Published Conference Proceedings

- 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. submitted *Am J Hum Biol*.
- 2019** **Madimenos FC**, Eick G, Snodgrass JJ. Improving health care accessibility to participants through point-of-care technologies. submitted *Am J Phys Anthropol*. **(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. submitted *Am J Hum Biol*.
- 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. submitted *Am J Phys Anthropol*.
- 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. submitted *Am J Hum Biol*.
- 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, a 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, aSnodgrass 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 Eudorian 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**, W. Scott McGraw, Middleton ER, Rainwater CW, Schmitt CA, Sherwood RJ, Stinson S, Stubblefield P, Turner TR, Vallengia 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.
- 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, Valeggia 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.

#### **Other Presentations (Not Listed Above)**

- 2018** 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.
- 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.

#### **PHOTO PUBLICATIONS**

- 2019** Photo published: Developmental Psychology 5ce. Schaffer, Wood, Newton, Lee, Krettenauer, Roberts, and Gottardo.

#### **TEACHING EXPERIENCE**

- 2013 – present** Instructor, Department of Anthropology, CUNY – Queens College  
ANTH 102: Introduction to Human Evolution  
ANTH 260: Essentials of Biological Anthropology  
ANTH 279: Human Growth and Development  
ANTH 361: Human Variation  
ANTH 370: Evolutionary Medicine
- 2014 – 2015** Guest Lecturer, CUNY Graduate Center & New York University  
Core in Archaeology & Physical Anthropology  
Core in Genetics & Human Biology

- 2012 – 2013** Instructor (online courses), Department of Anthropology, University of Oregon  
 Introduction to Forensic Anthropology  
 Human Biological Variation
- 2012 – 2013** Instructor, Department of Anthropology, Ithaca College  
 Introduction to Biological Anthropology  
 Human Growth and Development  
 Evolutionary Medicine  
 Human Variation
- 2012 – 2013** Guest Lecturer, Department of Anthropology, Ithaca College  
 Sustainability in the Amazon  
 Theory and Practice of Anthropology  
 Freshman Seminar – Great Mysteries of Humanity  
 Biological Anthropology Methods and Techniques
- 2011 – 2012** Instructor, Department of Anthropology, University of Oregon  
 Introduction to Forensic Anthropology  
 Human Growth and Development  
 Human Biological Variation  
 Evolutionary Medicine
- 2009, 2011** Instructor, Department of Anthropology, University of Oregon  
 Introduction to Biological Anthropology
- 2009 – 2011** Guest Lecturer, Department of Anthropology, University of Oregon  
 Seminar for New Graduate Students  
 Human Life History  
 Methods in Evolutionary Anthropology  
 Graduate Teaching Fellow Training and Practice  
 Methods in Biological Anthropology
- 2007 – 2010** *Graduate Teaching Fellow* Department of Anthropology, University of Oregon  
 Evolution of Human Sexuality. Instructor: White  
 Intro to Biological Anthropology. Instructor: Snodgrass  
 Human Biological Variation. Instructor: Snodgrass  
 Human Osteology. Instructor: Frost  
 Human Growth and Development. Instructor: Snodgrass
- HONORS THESIS COMMITTEE**
- 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**

- 2017 – present** Graduate Admissions Committee (NYCEP – CUNY)
- 2016 – 2017** American Association of Physical Anthropology Program Committee
- 2015 – 2017** Nominations & Elections Committee, Human Biology Association
- 2011 – 2012** Conference Planner, Annual meeting of the AAPA, Portland, Oregon
- 2011 – 2012** Local Arrangements Committee, Annual meeting HBA, Portland, Oregon

**Departmental Service**

- 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

## MEDIA COVERAGE OF RESEARCH

- 2012** *Bone mineral density status: It's complicated.* Scientific American Blog by Katie Hinde, November 16, 2012. <http://www.blogs.scientificamerican.com/context-and-variation/2012/11/16/bmd-status-its-complicated/>
- 2012** *'Silent Killer' may be disease of the affluent.* 2012. Science Magazine article by Ann Gibbons, May 31, 2012.