

FELICIA C. MADIMENOS
Curriculum Vitae

Department of Anthropology
University of Oregon
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EDUCATION

Ph.D., Anthropology, University of Oregon 2011

Committee: J.J. Snodgrass (chair), L.S. Sugiyama, J.R. Lukacs, J.R. Halliwill
Dissertation Title: *Reproductive trade-offs in skeletal health and physical activity among the Indigenous Shuar of Ecuadorian Amazonia: a life history approach*

M.A., Biological Anthropology (*magna cum laude*), Louisiana State University 2005

Committee: M.H. Manheim (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*

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

PROFESSIONAL TRAINING

First Annual Forensic Anthropology Short Course in Human Identification: Laboratory Methods in the Identification of Human Skeletal Remains Mercyhurst College, Erie, PA 2001

ACADEMIC APPOINTMENTS

University of Oregon, Instructor, Department of Anthropology, 2011-2012

GRANTS, HONORS, & FELLOWSHIPS

2011 *E.E. Hunt Prize for Exceptional Student Presentation*, Human Biology Association
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) (J.J. Snodgrass [PI] and L.S. 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)
2002 *Founder's Day Award Recipient for Academic Excellence*, New York University
2000 Study abroad participant, Florence, Italy, New York University
1999-2002 Academic Excellence Scholarship, New York University

PUBLICATIONS

- Madimenos FC**, Snodgrass JJ, Blackwell AB, Liebert MA, and Sugiyama LS. 2011. Physical activity in an indigenous Ecuadorian forager-horticulturalist population as measured using accelerometry. *Am J Hum Biol* 23(4):488-497.
- Madimenos FC**, Snodgrass JJ, Blackwell AB, Liebert MA, Cepon TJ, and Sugiyama LS. 2011. Normative calcaneal quantitative ultrasound data for the indigenous Shuar and non-Shuar Colonos of the Ecuadorian Amazon. *Archives of Osteoporos* DOI: 10.1007/s11657-011-0056-x.
- Blackwell AD, Gurven MD, Sugiyama LS, **Madimenos FC**, Liebert MA, Martin MA, Kaplan HS, and 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.
- Blackwell AD, Snodgrass, JJ, **Madimenos FC**, and Sugiyama LS. 2010. 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.
- Nelson GC and **Madimenos FC**. 2010. Obelionic cranial deformation in the Puebloan Southwest. *Am J Phys Anthropol* 143(3):465-472.

In Preparation

- Madimenos FC**. Extra-masticatory use and subsistence reconstructions in the pre-contact Ipiutak and Tigara of Point Hope, Alaska. *In prep (Am J Phys Anthropol)*.
- Madimenos FC**, Snodgrass JJ, Liebert MA, Cepon TJ, and Sugiyama LS. Life history trade-offs between female reproduction and skeletal health in the Indigenous Shuar from Ecuadorian Amazonia. *In prep (Am J Hum Biol)*.
- Liebert MA, Snodgrass JJ, Blackwell AD, **Madimenos FC**, and Sugiyama LS. The effects of market integration on blood pressure, glucose, cholesterol, and triglyceride levels in an indigenous lowland Ecuadorian population. *In prep (Ann Hum Biol)*.
- 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. *In prep (Am J Hum Biol)*.
- Sugiyama LS, **Madimenos FC**, Liebert MA, Cepon TJ, Blackwell AD, and Snodgrass JJ. Market integration and changing lifeways among the indigenous Shuar of Ecuador. *In prep (JLACA)*.

PUBLISHED ABSTRACTS

2011

- Madimenos FC**, Snodgrass JJ, Blackwell AD, Liebert MA, and Sugiyama LS. 2011. Reproductive trade-offs and bone health among Shuar and Colonos females from Amazonian Ecuador. *Am J Hum Biol* 23(2):264.

- Blackwell AD, Gurven M, Sugiyama LS, **Madimenos FC**, Liebert MA, Martin M, Kaplan H, and Snodgrass JJ. 2011. 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.
- Cepon TJ, Liebert MA, **Madimenos FC**, Sugiyama LS, Blackwell AD, Leonard WR, Tarskaia LA, Klimova TM, Krivoschapkin VG, and Snodgrass JJ. 2011. Variation in cardiovascular disease risk in response to market integration in two transitioning populations. *Am J Phys Anthropol* 144 Suppl (52):107.
- Liebert MA, Snodgrass JJ, Blackwell AD, **Madimenos FC**, Cepon TJ, and Sugiyama LS. 2011. 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.
- Rueckert TJ, Snodgrass JJ, Liebert MA, **Madimenos FC**, Blackwell AD, and Sugiyama LS. 2011. 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.
- Ridgeway-Diaz JG, Shattuck-Faegre H, Blackwell AD, **Madimenos FC**, Liebert MA, Squires EC, Sugiyama LS, and Snodgrass JJ. 2011. 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.
- Shattuck-Faegre H, Ridgeway-Diaz JG, Blackwell AD, **Madimenos FC**, Liebert MA, Squires EC, Sugiyama LS, and Snodgrass JJ. 2011. The Shuar Health and Life History Project: immune pathways and Epstein-Barr virus. *Am J Hum Biol* 23(2):276.
- 2010**
- Madimenos FC**, Snodgrass JJ, Blackwell AD, Liebert MA, and Sugiyama LS. 2010. Reproductive history and bone health among female Shuar and Colonos from the Ecuadorian Amazon. *Proc AAAS* 29(1):76-77.
- Madimenos FC**, Cepon TJ, Snodgrass JJ, and Sugiyama LS. 2010. Corroborating accelerometry-based physical activity data with self-report data. *Am J Hum Biol* 22(2):261.
- Madimenos FC**, Liebert MA, Snodgrass JJ, Blackwell AD, and Sugiyama LS. 2010. A profile of bone health in an Ecuadorian forager-horticulturalist population. *Am J Phys Anthropol* 141(S50):160.
- Blackwell AD, Snodgrass JJ, Gurven M, Kaplan H, **Madimenos FC**, Liebert MA, and Sugiyama LS. 2010. 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.
- Liebert MA, Snodgrass JJ, Blackwell AD, **Madimenos FC**, and Sugiyama LS. 2010. 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.

- Liebert MA, Snodgrass JJ, Blackwell AD, **Madimenos FC**, and Sugiyama LS. 2010. The effects of market integration on blood pressure, glucose, cholesterol, and triglyceride levels in an indigenous lowland Ecuadorian population. *Proc AAAS* 29(1):77.
- Sugiyama LS, Snodgrass JJ, Blackwell AD, **Madimenos FC**, and Liebert MA. 2010. 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.
- Ridgeway-Diaz JG, Sugiyama LS, Snodgrass JJ, Blackwell AD, **Madimenos FC**, and Liebert MA. 2010. Effects of diet and household economy on growth and health of indigenous Shuar of Ecuadorian Amazonia. *Proc AAAS* 29(1):77.
- 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, and White FJ. 2010. Integrative measurement protocols incorporating morphometric and behavioral research tools from forensic anthropology, human biology and primatology. *Proc Amer Acad For Sci* 16:366.
- 2009**
- Madimenos FC**. 2009. Dental evidence for subsistence strategy differences in pre-contact Ipiutak and Tigara of Point Hope, Alaska. *Am J Phys Anthropol* 138(S48):180.
- Madimenos FC**, Snodgrass JJ, Blackwell AD, Cepon TJ, Gandolfo TR, and Sugiyama LS. 2009. Physical activity measured using accelerometry in an indigenous lowland Ecuadorian population. *Am J Hum Biol* 20(2):260.
- 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, and White FJ. 2009. Integrative measurement protocol for morphological and behavioral research in human and nonhuman primates. *Am J Phys Anthropol* 138(S48):78.
- Blackwell AD, Snodgrass JJ, **Madimenos FC**, Cepon TJ, Gandolfo TR, Liebert MA and Sugiyama LS. 2009. Trade-offs in immune function and growth in a rural Amazonian village. *Am J Hum Biol* 21(2):247.
- Gandolfo TR, Snodgrass JJ, Blackwell AD, **Madimenos FC**, Cepon TJ, and Sugiyama LS. 2009. Shuar sleep patterns: a preliminary study of sleep duration and quality in an Indigenous Amazonian society. *Am J Hum Biol* 21(2):254.
- 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, and White FJ. 2009. Integrative measurement protocol for morphological and behavioral research in human and nonhuman primates. *Am J Hum Biol* 20(2):269.
- Snodgrass JJ, Blackwell AD, **Madimenos FC**, Cepon TJ, Gandolfo TR, and Sugiyama LS. 2009. Growth and nutritional status in an indigenous lowland Ecuadorian population. *Am J Phys Anthropol* 138(S48):243.

2008

Madimenos FC, Snodgrass JJ, and Leonard WR. 2008. 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)

2011

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

Madimenos FC, Snodgrass JJ, Blackwell AD, Liebert MA, and Sugiyama LS. 2011. Effects of female reproductive history on bone health among Shuar and Non-Shuar Colonos from Ecuadorian Amazonia. Paper submitted for presentation at the annual meeting of The Society for Applied Anthropology.

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

Snodgrass JJ, Wiesner M, Martinez Jr. C, Kaplan C, Capaldi D, and **Madimenos FC**. 2011. Acculturation, psychosocial stress, and EBV antibodies among Latino mother-child dyads. Paper submitted for presentation at the annual meeting of The Society for Applied Anthropology.

2010

Madimenos FC, Snodgrass JJ, Blackwell AD, Liebert MA, and Sugiyama LS. 2010. 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.

Madimenos FC, Snodgrass JJ, Blackwell AD, Liebert MA, and Sugiyama LS. 2010. Female reproduction history and bone health among Shuar and Colonos from the Ecuadorian Amazon: a life history theory perspective. Human Behavior and Evolution Society (HBES). Eugene, OR.

Madimenos FC, Snodgrass JJ, Blackwell AD, Liebert MA, and Sugiyama LS. 2010. Reproductive status and energy dynamics in an indigenous Ecuadorian forager-horticulturalist population. Human Behavior and Evolution Society (HBES), Eugene, OR.

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

Liebert MA, Snodgrass JJ, Blackwell AD, **Madimenos FC**, and Sugiyama LS. 2010. Market integration, evolutionary mismatches, and the emergence of hypertension, high cholesterol and type 2 diabetes among indigenous Shuar of neo-tropical Ecuador. Human Behavior and Evolution Society (HBES), Eugene, OR.

Rueckert TJ, Snodgrass JJ, **Madimenos FC**, Blackwell AD, Liebert MC, and Sugiyama LS. 2010. Effects of household ecology and market integration on Shuar nutritional status and hemoglobin (Hb) in an indigenous lowland Ecuadorian population. Human Behavior and Evolution Society (HBES), Eugene, OR.

Sugiyama LS, Snodgrass JJ, Liebert MA, Blackwell AD, **Madimenos FC**, and Ridgeway-Diaz JG. 2010. 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

Madimenos FC, Snodgrass JJ, Blackwell AD, Cepon TJ, Gandolfo TR, Liebert MA, and Sugiyama LS. 2009. Energetics and novel environments: physical activity using accelerometry in an indigenous lowland Ecuadorian population. Northwest Anthropological Conference (NWAC). Newport, OR.

Blackwell AD, Snodgrass JJ, **Madimenos FC**, Cepon TJ, Gandolfo TR, and Sugiyama LS. 2009. 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. Human Behavior and Evolution Society (HBES). Fullerton, CA.

Blackwell AD, Snodgrass JJ, **Madimenos FC**, Cepon TJ, Gandolfo TR, Liebert MA and Sugiyama LS. 2009. An analysis of the relationship between chronic stress, inflammation, and growth outcomes in Ecuadorian Shuar children. Northwest Anthropological Conference (NWAC). Newport, OR.

Sugiyama LS, Snodgrass JJ, Blackwell AD, **Madimenos FC**, Cepon TJ, Gandolfo TR, and Liebert MA. 2009. Growth and nutritional status in an indigenous lowland Ecuadorian population. Human Behavior and Evolution Society (HBES). Fullerton, CA.

2008

Madimenos FC and Nelson GC. 2008. Obelionic cranial deformation in the American Southwest. Paper presented at the annual meeting of the Paleopathology Association.

2007

Madimenos FC. Dental evidence for division of labor in the precontact Ipiutak and Tigara of Point Hope, Alaska. 2007. Department of Anthropology Colloquium Series, University of Oregon, Eugene, OR.

Madimenos FC and Snodgrass JJ. 2007. 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.

Nelson GC and **Madimenos FC**. 2007. Unusual cranial deformation in a Gallina skeletal series. Paper presented at the annual meeting of the Paleopathology Association.

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.

INVITED TALKS

Madimenos FC. 2010. The Shuar health and life history project: market integration and health. Fall Administrator-Graduate Student Dinner Invited Speaker, University of Oregon.

Madimenos FC. 2010. The Shuar health and life history project: exploring the health effects of a market economy. Institute of Cognitive and Decision Sciences Invited Speaker, University of Oregon.

TEACHING EXPERIENCE

Instructor Department of Anthropology, University of Oregon 2011 – 2012
ANTH 369: Human Growth and Development (Fall 2011)
ANTH 176: Introduction to Forensic Anthropology (Winter 2012)
ANTH 362: Human Biological Variation (Winter 2012)
ANTH 175: Evolutionary Medicine (Spring 2012)

Instructor Department of Anthropology, University of Oregon Summer 2009, 2011
ANTH 270: Introduction to Biological Anthropology

Guest Lecturer Department of Anthropology, University of Oregon
ANTH 410/510: Human Life History Spring 2010, 2011
ANTH 603: Methods in Evolutionary Anthropology Winter 2011
ANTH 610: Graduate Teaching Fellow Training and Practice Fall 2010
ANTH 487/587: Methods in Biological Anthropology Spring 2009

Graduate Teaching Fellow Department of Anthropology, University of Oregon 2007-2010
Classes:

ANTH 173: Evolution of Human Sexuality, Winter 2008, 2009. Instructor: F White
ANTH 270: Intro to Biological Anthropology, Fall 2007, 2008, 2009. Instructor: JJ Snodgrass
ANTH 362: Human Biological Variation, Spring 2008, 2009. Instructor: JJ Snodgrass
ANTH 366: Human Osteology, Spring 2010. Instructor: S Frost
ANTH 369: Human Growth and Development, Fall 2009. Instructor: JJ Snodgrass

SERVICE AND COMMITTEES

Local Arrangements Committee for the 2012 annual meeting of the *Human Biology Association*, Portland, Oregon

LANGUAGE PROFICIENCIES

Italian: speaking and reading fluency; high writing competency
Greek: intermediate speaking, writing, and reading skills
Spanish: intermediate speaking, writing, and reading skills

PROFESSIONAL LEADERSHIP

Social Chair, Association of Anthropology Graduate Students, University of Oregon 2009-2010
Co-President, Association of Anthropology Graduate Students, University of Oregon 2007-2008
Secretary, Geography and Anthropology Society (GAS), Louisiana State University 2004-2005