

*Curriculum Vitae*

**CHRISTOPHER W. KUZAWA**

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**Areas of Specialization and Current Research Activities**

*Interests:* Developmental and intergenerational influences on biology and health, evolutionary medicine, developmental plasticity, the evolution of human life history, human growth and development, epidemiology and statistical methods, brain evolution and energetics, social influences on human health disparities.

**Academic Appointments**

- 2021- John D. MacArthur Professor, Northwestern University
- 2013- Professor, Department of Anthropology, Northwestern University
- 2008-2013 Associate Professor, Department of Anthropology, Northwestern University
- 2005- Faculty Fellow, Institute for Policy Research, Northwestern. Founding member and member of Executive Committee: *Cells 2 Society, the Center on Social Disparities and Health.*
- 2004- Member, Center for Reproductive Science, Northwestern.
- 2003- Adjunct Curator in Anthropology, Field Museum, Chicago
- 2007-2010 Senior Research Fellow (Visiting appointment), Faculty of Medical and Health Sciences, University of Auckland, New Zealand
- 2002-2008 Assistant Professor, Department of Anthropology, Northwestern University

**Education**

- 2002 NIH National Research Service Award. Postdoctoral Fellowship in cardiovascular epidemiology. Division of Epidemiology, University of Minnesota (Minneapolis).
- 2001 Ph.D., Department of Anthropology, Emory University (Atlanta, GA)
- 2001 M.S.PH., Department of Epidemiology, Rollins School of Public Health, Emory University (Atlanta, GA)
- 1993 B.A., Department of Anthropology (*summa cum laude*), University of Colorado (Boulder)

**Academic Honors and Awards**

- 2020 Karl Rosengren Faculty Mentoring Award, Mentor of Best 2020 Summer URG Project
- 2019 Margo Wilson Award for best paper published in *Evolution and Human Behavior* (in 2018)
- 2019- Elected to American Academy of Arts and Sciences
- 2018- Elected to National Academy of Sciences
- 2011- Member, Health Inequality Network, Human Capital and Economic Opportunity Working Group, U of Chicago.
- 2006-2007 Elected by students to Faculty Honor Roll for teaching.
- 2007-2010 Visiting position (Senior Research Fellow), Faculty of Medical and Health Sciences, University of Auckland, New Zealand
- 2003-2004 Elected by students to Faculty Honor Roll for teaching.
- 2002 Winner, Society for International Nutrition Research Competition at Experimental Biology.
- 2000 Edward E. Hunt prize for paper presented at the 25<sup>th</sup> Annual Meeting of the Human Biology Association.
- 1997 Ales Hrdlicka prize for paper presented at the 66<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists.
- 1997 Fellowship, Center for the Study of Culture, Health, and Society; Rollins School of Public Health, Emory University
- 1994 Doctoral Fellowship, Department of Anthropology, Emory University
- 1993 Honors for bachelor's thesis (*summa cum laude*): "Lifelong cortical bone growth and loss among the Classic period Hohokam of Pueblo Grande."

**Review/Advisory Panels, Editorial Boards**

- 2022- Board of Reviewing Editors, *Science Magazine*
- 2022- Scientific Advisory Board, Max Planck Institute for Evolutionary Anthropology, Leipzig Germany
- 2014- Editorial Board, *American Journal of Human Biology*
- 2014- Editorial Board, *Adaptive Human Behavior and Physiology*
- 2011- Editorial Board, *Evolution, Medicine and Public Health*
- 2008- Editorial Board, *Annals of Human Biology*

- 2016- Co-Director, Health Inequality Network, Human Capital and Economic Opportunity Working Group, U of Chicago.
- 2018-2020 Advisory Committee, Directorate for Social, Behavioral and Economic Sciences (SBE), National Science Foundation.
- 2019-2021 Associate Editor, *American Journal of Human Biology*
- 2016 Review Panel: NIH Environmental Influences on Child Health Outcomes (ECHO)
- 2013 Review panel: NIH (Social Science and Population B, Ad Hoc)
- 2012-2013 Review panel: Wenner-Gren Foundation
- 2009-2011 Review panel: National Science Foundation – Physical Anthropology program, Senior Proposals.
- 2006-2007 Review panel: National Science Foundation – Physical Anthropology program, Dissertation Improvement Award applications.
- 2004-2005 Review panel: National Science Foundation – Behavioral, Social, and Economic Sciences, Research Opportunities for Undergraduates (REU) site applications.
- 2011- Advisory Committee, Office of Population Studies Foundation, University of San Carlos, Cebu, Philippines.

### **Active funding**

- 9/30/19-4/30/24 **National Institute of Health (R01AG061006)**, “Lifecourse determinants and outcomes of epigenetic age acceleration across two generations”  
Role: PI
- 8/1/18-7/31/21 **National Science Foundation (BCS 1749548)**, “Developmental Consequences of Early Life Adversity” (Heckman, PI)  
Role: Consultant

### **Completed funding**

- 7/15/15-6/30/18 **National Science Foundation**, “The evolutionary biology of telomeres”  
Role: Co-I
- 9/1/14-8/31/17 **National Science Foundation**, “Early environments, epigenetics, and inflammation during pregnancy”  
Role: Co-I
- 7/1/13-6/30/18 **National Institute of Health (NICHD)**, “The price of debt: The unequal burden of financial debt and its impact on health”  
Role: Co-I
- 7/1/11-6/30/16 **National Institute of Health (NIA)**, “Multidimensional pathways to healthy aging among Filipino women”  
Role: Co-I

- 8/1/13-7/31/16 **National Science Foundation**, “Hormonal changes among fathers and their impact on child development and relationship quality”  
Role: PI
- 9/15/12 – 8/31/15 **National Science Foundation**, “Collaborative Research: Leveraging Matched Administrative Datasets to Improve Educational Practice and Long Run Life Outcomes: Toward Building a National Interdisciplinary Network”  
Role: Co-I
- 09/1/08-06/30/14 **National Institute of Health R01** “Modeling the Developmental Origins of Adult Disease Risk Factors.”  
Role: PI of NU subcontract (Adair PI, UNC)  
Objective: Develop structural equation models linking early life and developmental predictors of adult cardiovascular disease outcomes, with a specific focus on inflammatory pathways.
- 9/01/08-08/30/14 **National Science Foundation**, “Collaborative Research: Evolutionary origins of brain energetics and adaptive plasticity of humans”  
Role: Co-PI (Goodman, PI)  
Objective: use PET imaging and genetic and epigenetic sequencing to establish energetic costs of brain and molecular basis of the evolution of encephalization.
- 7/1/10-6/30/13 **National Institute of Health (NICHD)**, “Influence of Placental Structure and Function on Birth Weight in the Philippines”  
Role: PI (w/J Rutherford)
- 6/15/08-2/29/12 **National Science Foundation**, “Fetal Growth as a Cue of Matrilinial Nutritional History in the Philippines.”  
Role: PI.  
Objective: Use 26 years of longitudinal data and new data collection to investigate the potential role of fetal nutrition as an intergenerational cue of local nutritional ecology.
- 7/01/06-6/30/10 **National Institute of Health (NHLBI)**, 1 R01 HL085144  
Title: “Obesity Development and CVD Risk Factor Clustering in Filipino Women and Offspring”  
Role: PI of Northwestern subcontract (Adair PI, UNC).  
Objective: Use longitudinal data collected among 3000+ mother/offspring pairs to model the factors influencing weight gain and the development of the metabolic syndrome in a Philippine population.
- 7/01/06-6/30/11 **National Institute of Health (NICHD)**, R21 HD053946-01  
Title: “Cells to Society: The Center on Social Disparities and Health”

Role: Co-PI (Chase-Landsdale PI).

Objective: Infrastructural support grant to help establish a new center for multi-disciplinary research on health disparities.

1/01/06-09/31/09 **National Science Foundation**, “Early Life Nutrition, Developmental Plasticity, and Reproductive Ecology in Filipino Males.”

Role: PI.

Objective: Use 22 years of longitudinal data, with saliva and plasma samples, to investigate the early life influences on adult reproductive function and sexually-dimorphic somatic traits in Filipino males.

1/01/06-11/31/07 **Wenner-Gren Foundation**, “Developmental plasticity of male reproductive ecology and life history”

Role: PI

Objective: Use 22 years of longitudinal data, with saliva and plasma samples, to investigate the early life influences on adult reproductive function in the Filipino males.

01/01/07 **National Science Foundation**, “Symposium Proposal: The Adaptable Phenotype.”

Role: PI

Objective: Inter-disciplinary symposium on the convergence of evolutionary biology, genetics, developmental biology and life history theory.

4/01/05-3/31/06 **National Institute of Health (NIA)**, Funded by Center Grant 5-K07-AG001015

Title: “Developmental Determinants of Young Adult Risk Factors for Aging-related Chronic Diseases”, (PI LS Adair, UNC).

Role: PI of Northwestern subcontract

Objective: Allowed collection of biological specimens (saliva, fasting plasma, DNA) in entire Cebu cohort of mothers.

7/1/05-12/31/05 **National Institute of Health (NICHD)** U01 HD044226-01

Title: “Community Action for Child Health Equity”

Role: Co-Investigator

Objective: Helped plan a five-city study of the effects of social environments on birth outcome and early childhood stress hormone physiology, with the aim of better understanding racial and economic disparities.

9/1/98-6/12/00 **NSF** 9810373

Title: “Birth weight, culture change and cardiovascular risk factors in Filipino adolescents” (Dissertation)

Role: Co-Investigator

Objective: Tested hypothesis that birth weight and maternal nutrition during pregnancy would predict CVD risk factors in adolescent offspring experiencing rapid cultural/SES change in Philippines.

**Funding (support for advisee PhD research)**

- 9/1/18-8/31/20 **National Science Foundation**, “Doctoral Dissertation Research: Biological memories of apartheid: Intergenerational effects of apartheid-based stress on HPA axis function and mental health in Soweto, South Africa”  
Role: Co-PI (w/Andrew Kim)
- 4/1/18-3/31/19 **National Science Foundation**, “Doctoral Dissertation Improvement: Quantifying the costs of human reproduction using the ‘epigenetic clock”  
Role: Co-PI (w/Calen Ryan)
- 9/1/19-8/31/20 **Wenner Gren Foundation**, “Biological memories of apartheid: Intergenerational effects of apartheid-based stress on HPA axis function and mental health in Soweto, South Africa”  
Role: advisor (Andy Kim)
- 11/1/16-10/31/18 **National Science Foundation**, “Doctoral Dissertation Improvement: Intergenerational impacts of diet and lifestyle change among Alaska Native women and their children”  
Role: Co-PI (w/Ruby Fried)
- 1/1/15-12/31/16 **Wenner Gren Foundation**, “Intergenerational Impacts of Culture Change: Traditional food and the metabolic functioning of Alaska Native peoples” (Dissertation Research)  
Role: advisor (Ruby Fried)
- 1/1/13-12/31/13 **National Science Foundation**, “Doctoral Dissertation Improvement: Intergenerational effects of maternal stress in pregnancy: Epigenetic mechanisms”  
Role: Co-PI (w/Zaneta Thayer)
- 6/1/11-5/31/13 **Wenner Gren Foundation**, “Intergenerational programming of stress reactivity: role of epigenetic mechanisms” (Dissertation Research)  
Role: advisor (Zaneta Thayer)
- 1/1/10-1/1/11 **National Science Foundation**, “Doctoral Dissertation Improvement: Longitudinal Perspectives on Human Paternal Psychobiology in the Philippines”  
Role: Co-PI (w/Lee Gettler)
- 1/1/10-1/1/11 **National Science Foundation**, “Doctoral Dissertation Improvement: Cross-Population and Longitudinal Predictors of Telomere Length Variation: Do Infectious Exposure and Catch-Up Growth Make the Difference?”

Role: Co-PI (w/Dan Eisenberg and Geoff Hayes)

12/31/10-12/31/11 **Wenner Gren Foundation**, “Ecological predictors of telomere lengths: a longitudinal and cross-population analysis of human biological diversity” (Dissertation Research)

Role: advisor (w/Dan Eisenberg)

9/1/10-8/31/11 **Wenner Gren Foundation**, “Longitudinal Perspectives on Paternal Socioendocrinology in the Philippines” (Dissertation Research)

Role: advisor (w/Lee Gettler)

8/01/07-2/28/09 **National Science Foundation**, “Doctoral Dissertation Improvement: Early life growth and nutrition and milk composition in adulthood.”

Role: Co-PI (w/Elizabeth Quinn)

### **Service/Elected Offices**

2023- National Academy of Sciences, Class V, Class Membership Committee (CMC)

2023- Scientific Advisory Board, Max Plank Institute for Evolutionary Anthropology

2020- National Academy of Sciences, Class V, Temporary Nominating Group (TNG)

2019- American Academy of Arts and Sciences, membership panel, Class III section 5.

2019- Publications Committee (Chair), Human Biology Association

2018-2019 American Association of Physical Anthropologists, Annual conference planning committee

2016- Co-director, Health Inequality Network, Human Capital and Economic Opportunity Working Group.

2018-2020 Advisory Committee, National Science Foundation, Directorate for Social, Behavioral and Economic Sciences.

2019-2020 Associate Editor, *American Journal of Human Biology*

2012-2014 Program Committee for AAPA (2013-2014 Annual meetings)

2006-2009 Human Biology Association (Chair, Elections and Nominations Committee)

2005-2008 Executive Committee (Member-at-Large), American Anthropological Association, Biological Anthropology Section.

2005-2008 Executive Council of the International Society for Developmental Origins of Health and Disease (specialty representative: evolutionary developmental bio).

2002-2004 Executive Committee, Student Member, Society for International Nutrition Research (FASEB/Experimental Biology).

## PUBLICATIONS

Peer-reviewed Articles

- In press Manus MB, Watson E, Kuthyar S, Carba D, Belarmino NM, McDade TW, **Kuzawa CW**, Amato KR. Prenatal household size and composition are associated with infant fecal bacterial diversity in Cebu, Philippines. *Am J Biol Anthropol*.
- 2023 Kim AW, Said Mohamed R, Norris SA, Richter LM, **Kuzawa CW**. Psychological legacies of intergenerational trauma under South African apartheid: Prenatal stress predicts greater vulnerability to the psychological impacts of future stress exposure during late adolescence and early adulthood in Soweto, South Africa. *J Child Psychol Psychiatry*. 64(1):110-124
- 2022 **Kuzawa CW**, Ryan CP, Adair LS, Lee NR, Carba DB, MacIsaac JL, Dever K, Atashzay P, Kobor MS, McDade TW, “Birth weight and maternal energy status during pregnancy as predictors of epigenetic age acceleration in young adults from metropolitan Cebu, Philippines” *Epigenetics* 17(11):1535-45.
- 2022 Rosenbaum S, **Kuzawa CW**, McDade TW, Avila J, Bechayda SA, Gettler LT. “Neither environmental harshness nor unpredictability predict reliance on alloparental care among families in Cebu, Philippines”. *Development and Psychopathology* 34(2):743-754.
- 2022 Aronoff J, Ragin A, Wu C, Markl M, Schnell S, Shaibani A, Blair C, **Kuzawa CW**, “Why do humans undergo an adiposity rebound? Exploring links with the energetic costs of brain development in childhood using MRI-based 4D measures of total cerebral blood flow.” *Intl J Obesity* 46(5):1044-50.
- 2022 Ryan CP, Rege RJ, Lee NR, Carba DB, Kobor MS, MacIsaac JL, Lin DS, Atashzay P, **Kuzawa CW**. “Maternal epigenetic clocks measured during pregnancy do not predict gestational age at delivery or offspring birth outcomes: a replication study in metropolitan Cebu, Philippines.” *Clin Epigenetics* 14(1): 781
- 2022 Gettler LT, Rosenbaum S, Kuo PX, Sarma MS, Bechayda SA, McDade TW, **Kuzawa CW**. “Evidence for an adolescent sensitive period to family experiences influencing adult male testosterone production.” *Proc Natl Acad Sci* 119(23):e2202874119.
- 2022 Meloni M, Moll T, Issaka A, **Kuzawa CW**. “A biosocial return to race? A cautionary view for the postgenomic era” *Amer J Hum Biol*. 11:e23742
- 2022 Ryan CP, Jones MJ, Edgar RD, Lee NR, Kobor MS, McDade TW, **Kuzawa CW**, “Immune cell type and DNA methylation vary with reproductive status in women: possible pathways for costs of reproduction” *Evol Med Public Health*, 10(1):47-58
- 2021 Rosenbaum S, **Kuzawa CW**, McDade TW, Avila J, Bechayda SA, Gettler LT. “Fathers’ care in context: ‘facultative,’ flexible fathers respond to work demands and

- child age, but not to alloparental help, in Cebu, Philippines”. *Evol Hum Behav* 42(6):534-546.
- 2021 Rosenbaum S, Echardt W, Stoinski TS, Umuhoza R, **Kuzawa CW**, Santymire R. “Group structure, but not dominance rank, predicts fecal androgen metabolite concentrations of wild male mountain gorillas (*Gorilla beringei beringei*)”. *Amer J Primatol* 83(8):e23295.
- 2021 Ryan CP, **Kuzawa CW**. “The temporary cost of dominance”. *Elife* 10:e68790
- 2021 Amato KR, Arrieta M, Azad MB, Bailey MT, Broussard JL<sup>5</sup>, Bruggeling CE, Claud EC, Costello EK, Davenport ER, Dutilh BE, Swain Ewald HA, Ewald P, Hanlon EC, Julion W, Keshavarzian A, Maurice CF, Miller G, Preidis G, Segurel L, Singer B, Subramanian S, Zhao L, **Kuzawa CW** “The Human Microbiome and Health Inequities” *Proc Nat Acad Sciences*
- 2020 **Kuzawa CW**, “Pregnancy as an intergenerational conduit of adversity: how nutritional and psychosocial stressors reflect different historical timescales of maternal experience” *Current Opinion in Behavioral Sci* 36: 42-47
- 2020 Kim AW, Adam EK, Bechayda SA, **Kuzawa CW**, “Early life stress and HPA axis function independently predict adult depressive symptoms in metropolitan Cebu, Philippines” *Am J Phys Anthropol* 173(3):448-62.
- 2020 Ryan CP, **Kuzawa CW** “Germline epigenetic inheritance: Challenges and opportunities for linking human paternal experience with offspring biology and health” *Evol Anthropol* 29(4):180-200.
- 2020 **Kuzawa CW**, Adair L, Bechayda SA, Borja JB, Carba DB, Duazo PL, Eisenberg DTA, Georgiev AV, Gettler LT, Lee NR, Quinn EA, Rosenbaum S, Rutherford J, Ryan C, McDade TW, “Evolutionary life history theory as an organizing framework for cohort studies: insights from the Cebu Longitudinal Health and Nutrition Survey” *Annals Hum Biol* 47(2):94-105.
- 2020 Thayer ZM, Rutherford J, **Kuzawa CW** “The Maternal Buffering Model: An evolutionary framework for pregnancy nutritional intervention” *Evol Med Public Health* 2020(1):14-17.
- 2020 Blair C, **Kuzawa CW**, Willoughby MT. “The development of executive function in early childhood is inversely related to change in body mass index: Evidence for an energetic trade-off?” *Develop Sci* 23(1)e12860.
- 2020 Eisenberg DTA, Rej PH, Duazo P, Carba D, Hayes MG, **Kuzawa CW**. “Testing for paternal influences on offspring telomere length in a human cohort in the Philippines” *Am J Phys Anthropol* 171(3):520-528.

- 2020 McDade TW, Borja J, Lee N, Aquino CT, Barrett T, Adair LS, **Kuzawa CW** “C-reactive protein response to influenza vaccination predicts cardiovascular disease risk in the Philippines” *Biodemography Soc Biol* 65(1):88-96.
- 2019 **Kuzawa CW**, Blair C. “A hypothesis linking the energy demand of the brain to lifetime obesity risk.” *Proc Nat Acad Sciences* 116(27):13266-75.
- 2019 McDade TW, **Kuzawa CW**, Borja J, Arevalo JMG, Miller G, Cole SW, “Profiles of gene expression in maternal blood predict offspring birth weight in normal pregnancy” *J Dev Orig Health Dis* 10(6):676-682.
- 2019 Sania A, Sudfield CR...**Kuzawa C**...Ezzati M, Fawzi W, “Early life risk factors for motor, cognitive, and language development: a pooled analysis of studies from low/middle-income countries”. *BMJ Open* 9(10):e026449
- 2019 Rutherford JN, deMartelly VA, Ragsdale HB, Avila JL, Lee NR, **Kuzawa CW**, “Global population variation in placental size and structure: Evidence from Cebu, Philippines.” *Placenta* 85:40-48.
- 2019 Masterson EE, Hayes MB, **Kuzawa CW**, Lee NR, Eisenberg DTA. “Early life growth and adult telomere length in a Filipino cohort study” *Am J Hum Biol* 31(6):e23299.
- 2019 Eisenberg DTAE, Lee NR, Rej PH, Hayes, MG, **Kuzawa CW** (2019), “Older paternal ages and grandpaternal ages at conception predict longer telomeres in human descendants” *Proc Roy Soc B* 286(1903):20190800.
- 2019 Bütikofer A, Figlio D, Karbownik K, **Kuzawa CW**, Salvanes KG “Prenatal testosterone transfer from male twins reduces the fertility and socioeconomic success of their female co-twins” *Proc Nat Acad Sciences* 116(14):6749-53.
- 2019 McDade TW, Ryan CP, Hoke MK, Jones MJ, Edgar RD, Borja J, Miller G, **Kuzawa CW**, Kobor MS. “Genome-wide analysis of DNA methylation in relation to socioeconomic status during development and early adulthood” *Am J Phys Anthropol* 169(1):3-11.
- 2019 **Kuzawa CW**, Barrett TM, Borja JB, Lee NR, Aquino CT, Adair LS, McDade TW. “Ankle brachial index (ABI) in a cohort of older women in the Philippines: Prevalence of peripheral artery disease and predictors of ABI” *Amer J Hum Biol* 31(3):e23237.
- 2019 Harrington A, **Kuzawa CW**, Boyer DM “Carotid foramen size in the human skull tracks developmental changes in cerebral blood flow and brain metabolism” *Am J Phys Anthropol* 169(1):161-169.
- 2019 Rosenbaum S, Gettler LT, McDade TW, Belarmino NM, **Kuzawa CW**, “The effects of collection and storage conditions in the field on salivary testosterone, cortisol, and sIgA values” *Annals Hum Biol* 45(5):428-34.

- 2019 Ragsdale HB, **Kuzawa CW**, Borja JB, Avila JL, McDade TW. “Regulation of inflammation during gestation and birth outcomes: Inflammatory cytokine balance predicts birth weight and length” *Am J Hum Biol* 31(3):e23245.
- 2019 Gettler, LT, Kuo PX, Rosenbaum S, Avila JL, McDade TW, **Kuzawa CW**. “Sociosexuality, Testosterone, and Life History Status: Prospective Associations and Longitudinal Changes among Men in Cebu, Philippines” *Evol Hum Behav* 40(2): 249-58.
- 2018 Sarma MS, Kuo PX, Bechayda SA, **Kuzawa CW**, Gettler LT “Exploring the links between early life and young adulthood social experiences and men’s later life psychobiology as fathers” *Physiol Behav* 193(Pt A):82-89.
- 2018 Eisenberg DTA, **Kuzawa CW**. “The paternal age at conception effect on offspring telomere length: mechanistic, comparative and adaptive perspectives.” *Philos Trans R Soc Long B Biol Sci* 373(1741)
- 2018 Rosenbaum S, Gettler LT, McDade T, Augustin S, & **Kuzawa CW**. “Does men’s testosterone ‘rebound’ when dependent children grow up, or when pair bonds end? A test in Cebu, Philippines”. *Am J of Hum Biol*. 30(6):e23180.
- 2018 Sweet E, **Kuzawa CW**, McDade TW “Short-term lending: Payday loans as risk factors for anxiety, inflammation and poor health” *Social Science Med – Population Health* 5:114-121
- 2018 Tennyson RL, Gettler LT, **Kuzawa CW**, Hayes MG, Agustin SS, Eisenberg DTA, “Lifetime socioeconomic status and early life microbial environments predict adult blood telomere length in the Philippines” *Am J Hum Biol* 30(5):e23145.
- 2018 Rosenbaum S, Vigilant L, **Kuzawa CW**, Stoinski TS. “Caring for infants is associated with increased reproductive success for male mountain gorillas”. *Sci Reports*, 8(1):15223.
- 2018 Thayer ZM, Bechayda SA, **Kuzawa CW**, “Circadian cortisol dynamics across reproductive stages and in relation to breastfeeding in the Philippines” *Am J Hum Biol* 30(4):e23115.
- 2018 Adair LS, **Kuzawa CW**, McDade T, Carba DB, Borja JB. “Seventeen-year changes in body mass index, waist circumference, elevated blood pressure, and diabetes phenotypes in a cohort of Filipino women” *Asia Pac J Public Health*, 30(6):561-571
- 2018 Ryan CP, Hayes MG, Lee NR, McDade TW, Jones MJ, Kobor MS, **Kuzawa CW**, Eisenberg DTA “Reproduction predicts shorter telomeres and epigenetic age acceleration among young adult women” *Sci Rep*. 2018 Jul 23;8(1):11100

- 2018 Del Giudice M, Hartman S, Martel M, Barrett E, Belsky J, Sangenstedt S, **Kuzawa CW**, “Individual Differences in Developmental Plasticity: A Role for Early Androgens?” *Psychoneuroendocrinology* 90:165-173.
- 2018 **Kuzawa CW** “Which environments matter in studies of early-life developmental plasticity?” *Evol Med Public Health* 2017(1): 188-190.
- 2018 Kyweluk M, Georgiev A, Borja JB, Gettler LT, **Kuzawa CW**, “Menarcheal timing is accelerated by favorable nutrition but unrelated to developmental cues of mortality or familial instability in Cebu, Philippines” *Evol Hum Behav* 39(1): 76-81.
- 2017 **Kuzawa CW**, Fried RL, Borja JB, McDade TW “Maternal pregnancy C-reactive protein predicts offspring birth size and body composition in metropolitan Cebu, Philippines” *JDOHaD*. 8(6): 674-681.
- 2017 McDade TW, Jones M, Miller G, Borja J, Kobor MS, **Kuzawa CW** “Birth weight and postnatal microbial exposures predict the distribution of peripheral leukocyte subsets in young adults in the Philippines” *JDOHaD*. 11:1-10
- 2017 Müller R, Hanson C, Hanson M, Penkler M, Samaras G, Chiapperino L, Dupré J, Kenney M, **Kuzawa C**, Latimer J, Lloyd S, Lunkes A, Macdonald M, Meloni M, Nerlich B, Panese F, Pickersgill M, Richardson S, Rüegg J, Schmitz S, Stelmach A, Villa PI, “The biosocial genome? Interdisciplinary perspectives on environmental epigenetics, health and society” *EMBO Reports* 18(10):1677-1682.
- 2017 McDade TW, Ryan C, Jones M, MacIsaac JL, Morin AM, Meyer J, Borja J, Miller G, Kobor MS, **Kuzawa CW**, “Social and physical environments early in development predict DNA methylation of inflammatory genes in young adulthood” *Proc Nat Acad Sci* 114(29): 7611-16.
- 2017 Georgiev AV, Ryan CP, Borja JB, **Kuzawa CW**, “Is early postnatal growth velocity, a proxy of minipubertal androgen action, related to adult second-to-fourth digit (2D: 4D) ratios in men? A test in Cebu, Philippines”. *Am J Hum Biol* 29(6):e23047.
- 2017 Anton S, **Kuzawa CW**, “Early Homo, plasticity, and the extended evolutionary synthesis” *Interface Focus* 7(5):20170004
- 2017 Fried RL, Mayol NL, McDade TW, **Kuzawa CW** “Maternal metabolic adaptations to pregnancy among young women in Cebu, Philippines” *Am J Hum Biol* 29(5).
- 2017 Georgiev AV, Ryan CP, Gettler LT, McDade TW, **Kuzawa CW**, “Second-to-fourth digit ratio (2D:4D) is unrelated to measures of somatic reproductive effort among young men from Cebu, The Philippines” *Amer J Phys Anthropol* 163(3):437-445
- 2017 Eisenberg DTAE, Hayes MG, **Kuzawa CW** “Early life infection, but not breastfeeding, predicts adult blood telomere lengths in the Philippines” *Am J Hum Biol* 29(4).

- 2017 Ryan CP, McDade TW, Gettler LT, Eisenberg DT, Rzhetskaya M, Hayes MG, **Kuzawa CW**, “Androgen receptor CAG repeat polymorphism and hypothalamic-pituitary-gonadal function in Filipino young adult males” *Amer J Hum Biol* 29(1)
- 2017 Ryan CP, Georgiev AV, McDade TW, Gettler LT, Eisenberg DT, Rzhetskaya M, Hayes MG, **Kuzawa CW**, “Androgen receptor polyglutamine repeat length (AR-CAGn) modulates the effect of testosterone on androgen-associated somatic traits in Filipino young adult men” *Amer J Phys Anthropol* 163(2): 317-327
- 2017 Bethancourt HJ, Kratz M, Beresford SA, Hayes MG, **Kuzawa CW**, Duazo PL, Borja JB, Eisenberg DT, “No association between blood telomere length and longitudinally assessed diet or adiposity in a young adult Filipino population” *Eur J Nutr* 56(1):295-308.
- 2017 Gettler LT, Ryan CP, Eisenberg DT, Rzhetskaya M, Hayes MG, Feranil AB, Bechayda SA, **Kuzawa CW**, “The role of testosterone in coordinating male life history strategies: The moderating effects of the androgen receptor CAG repeat polymorphism” *Horm Behav* 87:164-175.
- 2016 **Kuzawa CW**, Georgiev AV, McDade TW, Agustin Bechayda S, Gettler LT “Is there a testosterone awakening response in humans?” *Adap Hum Behav Physiol* 2(2):166-83.
- 2016 McDade Tw, Borja JB, Largado F, Adair LS, **Kuzawa CW**. “Adiposity and chronic inflammation in young women predict inflammation during normal pregnancy in the Philippines” *J Nutr* 146(2):353-7.
- 2016 Georgiev A, **Kuzawa CW**, McDade TW, “Early developmental exposures shape trade-offs between acquired and innate immunity in humans” *Evol Med Public Health* 2016(1):256-69.
- 2016 Lipovich L, Hou ZC, Jia H, Sinkler C, McGowen M, Sterner KN, Weckle A, Sugalski AB, Pipes L, Gatti DL, Mason CE, Sherwood CC, Hof PR, **Kuzawa CW**, Grossman LI, Goodman M, Wildman DE, “High-throughput RNA sequencing reveals structural differences of orthologous brain-expressed genes between western lowland gorillas and humans”. *J Comp Neurol* 524(2):288-308.
- 2016 McDade TW, Georgiev A, **Kuzawa CW**, “Trade-offs between acquired and innate immune defenses in humans” *Evol Med Public Health* 2016(1):1-16.
- 2015 Workman M, McDade T, Adair L, **Kuzawa C**, “Slow early growers have more muscle in relation to adult activity: Evidence from Cebu, Philippines” *Eur J Clin Nutr* 69(12):1350-5.
- 2015 Gettler LT, McDade TW, Bragg JM, Feranil AB, **Kuzawa CW**, “Developmental energetics, sibling death, and parental instability as predictors of maturational tempo

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- In press **Kuzawa CW**, Kim A, “Early environments, developmental plasticity, and chronic degenerative disease”, In *Human Growth and Development* (3<sup>rd</sup> Edition), N Cameron and L Schell (eds). Elsevier.
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### **Writings re-published in readers**

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### **Edited Volumes**

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**Book Reviews**

- 2014 Review of RL Perlman, *Evolution and Medicine*, For: *Am J Hum Biol* 26: 719.
- 2013 Review of JS Torday and VK Rehan, *Evolutionary Biology, Cell-Cell Communication and Complex Disease*, For: *Quarterly Review of Biology* 88: 350-351.
- 2012 Invited essay review – P Bateson and P Gluckman, *Plasticity, Robustness, Development and Evolution*, Cambridge University Press, *Int'l J Epidemiol*, 43: 223-229.
- 2011 Review of N Howell, *Life Histories of the Dobe !Kung. Food, Fatness, and Well-being over the Life-span*, University of California Press, 2010. For: *American Ethnologist*, 38(3): 597-98.
- 2010 Review of PB Gray and K Anderson, *Fatherhood: Evolution and Human Paternal Behavior*. Harvard University Press, 2010. For: *Ethos*
- 2009 Review of TM Pollard, *Western Diseases. An Evolutionary Perspective*. Cambridge University Press. 2008. For: *Integrative and Comparative Biology*.
- 2008 Review of K Hawkes, R Paine, *The Evolution of Human Life History*, School of American Research Press. 2006. For: *Anthropos*. 103(1): 260.
- 2007 Review of SC Cunnane, *Survival of the Fattest. The Key to Human Brain Evolution*. For: *Amer J Phys Anthropol* 132 (1):158-159.
- 2007 Review of RC Hauspie, N Cameron, L Molinari, *Methods in Human Growth Research*. Cambridge University Press. 2004. For: *Anthropos*. 102(1): 262.
- 2005 Review of J Schulkin (ed), *Allostasis, Homeostasis, and the Costs of Physiological Adaptation*, Cambridge University Press. For: *Human Biology*, 77(4) 532-36.

**Digital and online media**

- 2011 Gettler LT, Kuzawa CW, McDade TW, Feranil A, “Fatherhood, Childcare, and Testosterone: Study Authors Discuss the Details”, *Guest Blog, Scientific American*.
- 2007 Kuzawa CW, "Early Nutrition, Development and Health: Evolutionary Perspectives on the Metabolic Syndrome", in Nesse, R. (ed.), *Evolution and Medicine: How New Applications Advance Research and Practice*, The Biomedical & Life Sciences Collection, Henry Stewart Talks Ltd, London (online at <http://www.hstalks.com/?t=BL0141542-Kuzawa>)

**Letters to the Editor**

- 2014 “Reply to Skoyles: Decline in growth rate, not muscle mass, predicts the human childhood peak in brain metabolism.” *Proc Natl Acad Sci* 111(46):E4910

- 2014 “Response to Agilli et al” *Am J Hum Biol* 26(6):874
- 2012 “Response to Liu and Li: In defense of gemmules - really?” *Int J Epidemiol*, 41(5): 1493-4.
- 2005 “The origins of the developmental origins hypothesis and the role of postnatal environments: response to Koletzko”. *Am J Hum Biol*, 17: 662-64, 2005.

### **Symposia and workshops organized**

- 2022 The Summer Institute in Biological and Social Sciences (SIBASS), Instructor (Greg Miller lead organizer), IPR/Northwestern, June 6-10
- 2019 The Summer Institute in Biological and Social Sciences (SIBASS), Instructor (Greg Miller lead organizer), IPR/Northwestern, June 10-14
- 2017 “The Gut Microbiome in Human Biology and Health: New Opportunities for the Study of Health Disparities”, w/Katie Amato, Health Inequality Network, HCEO, Chicago, November 9-10.
- 2016 “The Maternal Environment”, w/Burt Singer, Health Inequality Network, HCEO, Chicago, November 17-18.
- 2015 “Energetics in Human and Non-Human Primate Evolution: Moving from Theory to Empirical Tests”, w/Herman Pontzer, Wiley-Blackwell Symposium, AAPA annual meeting, St Louis, March 26
- 2006-11 Co-director and instructor (w/ T McDade and E Adam), Annual Cells 2 Society Summer Biomarker Institute (funded by NIH)
- 2007 “The Adaptable Phenotype”, w/ D Benyshek, joint AAPA/HBA/NSF sponsored symposium on the emerging synthesis of evolutionary-developmental biology, developmental plasticity, epigenetics, and life history theory, AAPA annual meetings in Philadelphia, March 2007
- 2004 “The Fetal Origins of Developmental Plasticity: Life History, Health and Disease” w/ IL Pike, Plenary session at annual meeting of Human Biology Association, Tampa, Fla.

### **Invited seminars, lectures, plenaries**

- 2023 Seminar, Northwestern Institute for Complexity, Evanston, Feb 22
- 2023 Seminar, UC Davis, Institute for Global Nutrition, Jan 18
- 2022 Speaker, Festschrift honoring retiring colleague Clancy Blair, NYU, November 19

- 2022 Speaker, Science Salon and Humanities Hour (Lectures at Lunch for Staff), Northwestern, November 9
- 2022 Seminar, Vanderbilt, Department of Biological Sciences, Nashville, Oct 10
- 2022 Invited Speaker, Symposium on the Politics of Hormones, Center for Feminist Research, University of Southern California, Los Angeles, Sept 29.
- 2022 Keynote speaker, Polish Society for Human and Evolution Studies, Gdansk, Poland, Sept 15
- 2022 Keynote speaker, Annual meeting of the International Society for Psychoneuroendocrinology, Chicago, Sept 10.
- 2022 Invited speaker, international DOHaD meetings, Vancouver, British Columbia, Aug 31
- 2022 Keynote speaker, European Anthropological Association Annual meeting, Vilnius, Lithuania, Aug 24
- 2022 Testified in front of the State of California Task Force to Study and Develop Reparation Proposals for African Americans, Jan 28, 2022
- 2021 Distinguished Lecture, Division of Social, Behavioral and Economic Sciences, National Science Foundation, Alexandria, May 13, 2021
- 2021 Seminar, Institute for Policy Research, Northwestern, May 11
- 2021 Invited Speaker, Nutrition & Growth Conference, Lisbon, Portugal
- 2020 Seminar, Endocrinology Grand Rounds, Feinberg School of Medicine, Feb 27
- 2020 Seminar, Institute for Population Research, Ohio State University, Feb 11
- 2020 Keynote speaker, Healthy Start Research Day, University of British Columbia Child's Hospital, Vancouver BC Feb 6
- 2020 Speaker/workshop participant, Roundtable on Legal Remedies for Racial Trauma, Berkley Law School, Berkeley, Jan 31
- 2019 Invited Speaker, Gates Grand Challenges meeting, Addis Ababa, Ethiopia, Oct 24.
- 2019 Seminar, Department of Anthropology, Penn State University, Oct 15
- 2019 Discussant, Symposium on "Cross-taxa perspectives on behavior and developmental origins", Animal Behavior Society annual meeting, UIC, July 26

- 2019 Invited speaker, Conference on “Rules of Life”, Mathematical Biosciences Institute, Ohio State University, June 24
- 2019 Multiple lectures, Summer Institute: Biological approaches in the social sciences, Northwestern, June 10.
- 2019 Panelist, “From Cells to Society: How Experience Becomes Biology” IPR 50<sup>th</sup> Celebration, Northwestern, June 7.
- 2019 Introductory talk, Section 51, National Academy of Sciences, April 29.
- 2018 Seminar, Center for Child Growth and Development, University of Michigan, Oct 30.
- 2018 Keynote speaker, International Society for Evolution, Medicine and Public Health, Park City Utah, Aug 3.
- 2018 Invited speaker, National Academy of Sciences Expert Meeting “Using Longitudinal Studies of Younger Cohorts for Aging Research”, Washington DC, June 25-26.
- 2018 Invited speaker, “Energetics of the Hominins”, College de France, Paris June 11-12.
- 2018 Neurobiology Interdisciplinary Talk Series, Lurie Children’s Hospital, Chicago, Jan 9.
- 2017 Grand Rounds, Public Health Sciences, Loyola, Maywood, Dec 5
- 2017 Speaker in “The Gut Microbiome in Human Biology and Health: New Opportunities for the Study of Health Disparities” Health Inequality Network, Chicago, November 9.
- 2017 Seminar, Behavioral Ecology Group, SUNY Stony Brook, Nov 3
- 2017 “State of the art” plenary and Grand Rounds, Midwest Society for Pediatric Research, Lurie Children’s Hospital, Chicago, Oct 13
- 2017 Seminar, Depts. of Psychology and Anthropology, University of New Mexico, Albuquerque, NM, Oct 6.
- 2017 Seminar, Dept. of Anthropology, Dartmouth, Hanover NH, Sept 29
- 2017 Invited speaker, Conference on Early Life Determinants of Later Life Health and Well-being: The Microbiome and Epigenetics as Biological Mechanisms May 11, U Wisconsin, Madison
- 2017 Invited speaker, Conference on Plasticity and its Limits, Technical University of Munich, Germany, January 19-20.

- 2016 Speaker, Domain Dinner on Developmental Origins of Health and Disease, Northwestern, November 29.
- 2016 Speaker, Conference on Maternal Environment, Human Capital and Economic Opportunity Working Group, University of Chicago, Nov 17
- 2016 Seminar, Endocrinology Speaker Series, Feinberg School of Medicine (Northwestern), Oct 20
- 2016 Seminar, Dept. of Evolutionary Anthropology, Duke University, Durham, Sept 16
- 2016 Participant and Moderator, Global Inequality Workshop, Northwestern University, Evanston, May 12-13
- 2016 Seminar, Center for Behavior, Evolution and Culture and Institute for Society and Genetics, UCLA, Los Angeles, March 28
- 2016 Seminar, Department of Anthropology, University of Georgia, Athens, Jan 15
- 2015 Plenary Speaker, Nestle International Nutrition Symposium on “Cognition and Brain Health”, Lausanne, Switzerland, October 21-23.
- 2015 Private lecture, CARTA Symposium on “Unique Features of Human Skin”, Salk Institute, La Jolla CA, Oct 17.
- 2015 Public lecture, CARTA Symposium on Skin “Unique Features of Human Skin”, Salk Institute, La Jolla CA, Oct 16.
- 2015 Seminar, Department of Nutrition and Dietetics, University of San Carlos, Cebu City, Philippines, September 25.
- 2015 Plenary Speaker, Human Behavior and Evolution Society Annual Conference, Columbia, MO, May 29
- 2015 Plenary Speaker, Palmer Symposium on Addressing Inequalities in Health, Loyola University, Maywood, IL April 11.
- 2015 Plenary Speaker, European Human Behavior and Evolution Association Annual Conference, Helsinki, March 31
- 2015 Public lecture, University of Cape Town, South Africa, Feb 27
- 2015 Public lecture, University of the Witwatersrand, Johannesburg, South Africa, Feb 25
- 2015 Seminar, UCLA Medical School Harbor Center, Los Angeles, Feb 16

- 2015 Seminar, Department of Human Evolutionary Biology, Harvard University, Feb 12
- 2015 Seminar, Department of Psychology Brown Bag, Northwestern, Feb 5
- 2014 Seminar, New York Consortium in Evolutionary Primatology (NYCEP), Dec 11
- 2014 Invited Speaker, Evolutionary Aspects of Child Development and Health, Simon Fraser University, Vancouver, June 3-6
- 2014 Seminar, Center for Demography and Ecology, University of Wisconsin, April 25
- 2014 Participant and speaker, Workshop on Advances in Biodemography, National Academies of Science, Washington DC, April 8-9.
- 2014 Speaker, Symposium: The Maternal Imprint, Harvard University, April 4.
- 2014 Seminar, Department of Anthropology, University of Michigan, March 10.
- 2014 Seminar, School Human Evolution & Social Change, Arizona State University, Feb 26
- 2014 Seminar, Department of Anthropology, UNLV, Feb 24
- 2014 Speaker, AAAS session on “Comparative Advantage: Global Perspectives on Human Biology and Health”, Chicago, Feb 16.
- 2013 Seminar, Nutrition Obesity Research Center, U of Alabama, Birmingham, Nov 26.
- 2013 Network participant, “Leveraging Matched Administrative Datasets to Improve Education Policy: Building a National Interdisciplinary Network”, Northwestern, Oct 10-11.
- 2013 Lecture, Translational Health Disparities Course, National Institute of Minority Health and Health Disparities (NIH), Aug 6.
- 2013 Seminar, Broom Center for Demography, U of California, Santa Barbara, April 22
- 2013 Seminar, Human Biodemography Lab, U of California, Santa Barbara, April 23.
- 2012 Seminar, National Human Genome Research Institute (NIH), Bethesda, October 18.
- 2012 Invited speaker in International Society of Developmental Psychology session on “Beyond allostatic load: rethinking the role of stress in adaptively regulating human development”, New Orleans, Oct 12.
- 2012 NUIDEAS speaker in session Fatherhood: History, Hormones, Home and Health, Chicago, Sept 24

- 2012 Speaker, Kenneth Rainin Foundation 2012 Innovations Symposium on Evolutionary Medicine, Chicago, July 20.
- 2012 Seminar, Institute for Policy Research, Northwestern University, May 7, 2012.
- 2012 Speaker, IUSSP workshop on Long Range Effects of Early Life Conditions, Berkeley, May 1-2.
- 2012 Seminar, Roswell Park Cancer Center, Buffalo, April 23.
- 2012 Seminar, Lectures in Reproductive Science Seminar Series, Center for Reproductive Science, Northwestern University, March 7, 2012.
- 2012 Seminar, Department of Anthropology, Emory University, Feb 13, 2012
- 2012 Seminar, Centers for Disease Control, Division of Public Health Genomics, Atlanta, Feb 10, 2012
- 2012 Lecture, Society for Maternal-Fetal Medicine course on “Frontiers of Science: Prenatal Stress and Adverse Pregnancy and Child Health Outcomes”, Dallas, Feb 6
- 2011 Lecture, University of San Carlos, Main Campus, Cebu City, Philippines, Dec 14, 2011
- 2011 Seminar, Epidemiology Working Group, University of Chicago Medical Center, Oct 26, 2011.
- 2011 Lecture, Demo-Doc Fall School, Max Planck Institute for Demographic Research, Rostock, Germany, Oct 20, 2011.
- 2011 Seminar, Max Planck Institute for Demographic Research, Rostock, Germany, Oct 20, 2011.
- 2011 Invited Discussant, 19<sup>th</sup> Annual Penn State Symposium on Family Issues, Oct 4, 2011.
- 2011 Speaker and network participant, first meeting of the Health Inequality Network, Department of Economics, University of Chicago, Sept 9-10.
- 2011 Plenary speaker, Fall Clinic, Columbia St. Mary’s Hospital, Sept 13, Milwaukee.
- 2011 Plenary speaker, International Society on Hypertension in Blacks (ISHIB), Boston, July 8-10.
- 2011 Lecture, Translational Health Disparities Course, National Institute of Minority Health and Health Disparities (NIH), June 22.

- 2011 Seminar, Harvard School of Public Health, Robert Wood Johnson Health and Society Scholars, May 12, 2011.
- 2011 Invited Speaker, Workshop on “Long-run impacts of early life events”, National Poverty Center, University of Michigan, May 5, 2011.
- 2011 Seminar, Yale Institute for Biospheric Studies, April 8, 2011
- 2011 Lecture, Yale Evolutionary Medicine Seminar, April 7, 2011
- 2011 Participant, Wenner-Gren workshop on “Human Biology and the Origins of *Homo*”, Sintra, Portugal, March 4-11, 2011.
- 2011 Seminar, University of Michigan, Department of Psychology (Social Neuroendocrinology Speaker Series), Feb 15, 2011
- 2010 Plenary Speaker, 4<sup>th</sup> National Conference on Genomics and Public Health, NIH, Bethesda, Dec 7-10, 2010
- 2010 Seminar, Johns Hopkins School of Public Health, Center for Health Disparities Solutions, Dec 6, 2010.
- 2010 Seminar (Frontiers Colloquium Series), University of Pennsylvania, Anthropology, Nov 22, 2010.
- 2010 Invited speaker, New York Academy of Sciences, Behavioral Epigenetics Symposium, Boston, Oct 28.
- 2010 Seminar, Cornell, Department of Neurobiology and Behavior, Oct 27.
- 2010 Lecture, Cornell, Evolutionary Medicine Seminar, Oct 27.
- 2010 Seminar, Comprehensive Center on Obesity, Feinberg School of Medicine, Northwestern University, Oct 12.
- 2010 Lecture, Translational Health Disparities Course, National Center of Minority Health and Health Disparities (NIH), Sept 22.
- 2010 Participant, School for Advanced Research Seminar on “Race, Culture and Biology”, Santa Fe, NM, May 1-7, 2010.
- 2010 Seminar, University of New Mexico, Medical School, April 13, 2010.
- 2010 Seminar, University of San Carlos, Cebu City, Philippines, Feb 25, 2010.
- 2010 Seminar, UCLA, Center for Society and Genetics, Feb 18, 2010.

- 2010 Seminar, University of California, Irvine, Medical School. Feb 17, 2010.
- 2009 Invited session chair and speaker, 6<sup>th</sup> World Congress for the Developmental Origins of Health and Disease, Nov 19-22, Santiago, Chile.
- 2009 Participant, Planning Meeting On The Effects Of Early-Life Experiences On Later Life Outcomes, National Academy of Sciences, Washington DC, October 26.
- 2009 Participant, Workshops on Evolution and Diseases of Civilization held as part of the First Annual Global Health Summit, Charité Universitätsmedizin, Berlin, October 12-15.
- 2009 Seminar, Evolutionary Studies Speaker Series, SUNY Binghamton, October 8.
- 2009 Mead Johnson Lecture, Perinatal Research Society, Mohonk Mountain House, NY, September 25-27.
- 2009 Speaker, Bridging Life Course and Complex Systems Approaches to Population Health and Health Disparities, Bethesda, September 18.
- 2009 Speaker, Emergence of Health Trajectories in Childhood, Population Association of America, Detroit, April 30.
- 2009 Speaker, 40<sup>th</sup> Anniversary Conference for the Institute for Policy Research, Northwestern, April 17.
- 2009 Seminar, University of Southampton Medical School (UK), March 20, 2009
- 2009 Speaker, Society for Gynecologic Investigation meetings (Darwin, Development and DOHaD), Glasgow, March 18, 2009.
- 2009 Seminar, Institute for Policy Research, Northwestern University, March 2, 2009.
- 2009 Seminar, Harvard University, Biological Anthropology, Feb 5, 2009
- 2009 Distinguished Lecturer in Physical Anthropology, University of Colorado, Boulder, January 30, 2009.
- 2008 Seminar, Baylor College of Medicine, Child Nutrition Research Center, Oct 30.
- 2008 Speaker, American College of Epidemiology (“The Dawn of Evolutionary Epidemiology”), Tucson, Sept 14-16, 2008.
- 2008 Symposium, The Yale Symposia on Evolution in Health and Disease (SC Stearns, organizer), April 17<sup>th</sup>, 2008.

- 2008 Seminar, University of New Mexico, Department of Anthropology, April 3, 2008.
- 2008 Participant, Workshop “Earth system context for hominin evolution”, National Research Council (National Academies), Irvine CA, Feb 21-22, 2008.
- 2008 Seminar, NIH Perinatal Research Branch, Wayne State University, Feb 6.
- 2007 Seminar, Maryland Population Research Center, University of Maryland, Oct 5.
- 2007 Keynote speaker and Discussant at IUSSP/NIH/UN-sponsored workshop on “Aging in Developing Countries: Building Bridges for Integrated Research Agendas”, Santiago, Chile, April 23-24.
- 2007 Lecture, Liggins Institute, University of Auckland, New Zealand, March 20-22, 2007
- 2007 Seminar, Department of Anthropology, University of Wisconsin (Milwaukee), Jan 26, 2007.
- 2007 Seminar, Northwestern Medical School (Endocrinology), Jan 17, 2007.
- 2006 Speaker, Seminar on the Ecology of the Male Life Course sponsored by the International Society for the Scientific Study of Population (IUSSP), Rauschholzhausen Castle, Germany, 10-12 October.
- 2006 Plenary, 4<sup>th</sup> International Congress for the Developmental Origins of Health and Disease, Utrecht, Netherlands, Sept 13-17, 2006.
- 2006 Public lecture, the Liggins Institute, University of Auckland, February 22, 2006.
- 2005 Speaker, Chicago Workshop on Biomarker Collection in Population-Based Health Research, The Center on Aging, NORC and the U of Chicago, June 9-10, Chicago.
- 2005 Speaker, introductory conference for Cells 2 Society, The Center on Social Disparities and Health. June 6, Northwestern University, Evanston.
- 2005 Seminar, Institute of Policy Research, Northwestern University. February 21, 2005
- 2005 Seminar, Department of Anthropology, University of Michigan, Ann Arbor. February 18, 2005
- 2004 Speaker, Department of Anthropology, Stanford University. November 20, 2004
- 2004 Seminar, Evanston Northwestern Hospital Research Institute. June 18<sup>th</sup>, 2004.
- 2003 Seminar, Turek Lab, Northwestern University, Evanston, October 2003.

- 2003 Speaker, FAN international health symposium, Northwestern University, Evanston, February 1, 2003.
- 2002 Seminar, Division of Epidemiology, University of Minnesota, Minneapolis, March 15, 2002.
- 1999 Seminar, sponsored by the Graduate School of the University of San Carlos, Cebu City, Philippines, March 4, 1999.
- 1999 Speaker, 10<sup>th</sup> Annual Biology Symposium, University of San Carlos (Talamban), Cebu City, Philippines, February 26, 1999
- 1997 Seminar, Centers for Disease Control, Maternal and Child Health Branch, Division of Nutrition and Physical Activity, Atlanta, Ga., June 24, 1997.

**Media Coverage**

- 2019 New York Times (print), CNN, Science, NPR and other media – coverage of study in *PNAS* demonstrating lasting effects on female education and fertility outcomes related to being exposed in utero to a male co-twin.
- 2018 Multiple – for *Scientific Reports* story using epigenetic age acceleration to assess the physiological costs of aging
- 2018 Multiple – for *Scientific Reports* story reporting higher reproductive success among male mountain gorillas who spend more time caring for and affiliating with infants.
- 2014 NPR, Science and other media – coverage of *PNAS* study quantifying the energetic costs of human brain development and showing that these costs explain humans’ unusually slow childhood growth.
- 2014 Guardian, Times UK and other media – on AAAS talk reporting evidence for intergenerational effects of maternal/grandmaternal nutrition.
- 2012 NPR, BBC, LA Times, Time Magazine, ABC, CBS and many other local, national and international news outlets – for *PNAS* study showing that fathers who wait longer before reproducing pass on longer telomeres (a marker related to slower aging) to offspring and grandoffspring.
- 2012 *Science* magazine, story in print edition on paper presented with graduate student co-author at AAPA national meeting, by Ann Gibbons.
- 2011 New York Times (front page), LA Times, Wall Street Journal, NPR, extensive coverage on domestic and international television broadcast and cable networks, radio and print – for *PNAS* study demonstrating decline in testosterone among new fathers.

- 2010 Scientific American, Science, National Geographic, NPR, others – for *PNAS* study linking early postnatal nutrition with adult reproduction and life history.
- 2009 Interviewed on CNN for segment reporting findings of our work in the Philippines (“Getting Dirty and Health”, Susan Hendrick reporting, first appeared Dec 25).
- 2009 CNN, findings of Philippine work covered by Sanjay Gupta on Campbell Brown show (Dec. 9).
- 2009 *Science* magazine, “What’s for dinner? Researchers seek our ancestors’ answers” by Ann Gibbons, vol 326 (5959), pp. 1478-79.
- 2007 Op-Ed/Commentary (w/PD Gluckman), Sunday Star Times (New Zealand), July 15<sup>th</sup>, 2007.
- 2006 “Upfront” profile and interview, in *The Listener* (New Zealand events/news/culture weekly), March 11-17, 2006.
- 2006 February 27, 2006, *New Zealand Herald*
- 2006 Studio interview on *Afternoons with Jim Mora*, National Radio, Radio New Zealand, February 16, 2006
- 2006 Radio interview with Mike Hoskings on Newstalk Radio ZB, February 25, 2006
- 2000 *Science News*, Damaris Christensen, ‘Weight matters, even in the womb: Status at birth can foreshadow illnesses decades later’. Vol. 158, No. 24 (<http://www.sciencenews.org/20001209.asp>)
- 1990 *New York Times* ‘Students find ancient Indian site in Colorado’. Sunday, Aug 25 Section A p.33 (Lexis/Nexis)
- 1990 *Los Angeles Times*, Evan Maxwell, ‘A centuries old village sets off familiar dispute. Clay pot sherds lead to the discovery of an unmapped Anasazi site in Colorado’. Tuesday Nov. 13, Section A p. 5. (Lexis/Nexis)

### Conference papers

- 2022 Kim, A.W., Said-Mohamed, R., Norris, S.A., Naicker, S., Richter, L., **Kuzawa, C.W.** Childhood adversity during the post-apartheid transition and COVID-19 stress independently predict adult PTSD risk in urban South Africa. 2022 American Association of Biological Anthropologists. 24 March.
- 2022 Kim, A.W., Mohamed, R.S., Norris, S.A., Richter, L.M., **Kuzawa, C.W.** (2022). Psychological legacies of intergenerational trauma under South African apartheid: Prenatal stress predicts increased vulnerability to the psychological impacts of future stress exposure during late adolescence and early adulthood in Soweto, South Africa.

- Invited talk for plenary panel on “Human Biology of the Extremes.” 2022 Human Biology Association Annual Meeting. 23 March.
- 2022 Tennyson, Robert Langley; Duazo, Paulita; Carba, Delia; Hayes, M Geoff; **Kuzawa, Christopher W**; Eisenberg, Dan TA. Does maternal early life stress predict offspring telomere length in the Philippines and, if so, via what physiological pathways? Human Biology Association Annual Meeting, Denver
- 2022 Amato, K.R., E.K. Mallott, M. Hoke, **C. Kuzawa**, T. McDade, L. Diakiw, M. Gurven, B. Trumble, R. Nusslock, C. Schmitt, A. Rich, M.F. de la Fuente, N. Shiel, P. Garber, H. Poinar. (2022). The comparative effect of diet on the gut microbiome of humans and non-human primates. Presentation at the 91<sup>st</sup> Annual Meeting of the American Association of Biological Anthropologists. Denver, CO, USA.
- 2021 Aronoff, J.E., **Kuzawa, C.W.** and T.W. McDade. Gene expression profiles indicating inflammation and glucocorticoid resistance during pregnancy predict greater offspring adiposity shortly after birth in Cebu, Philippines. Human Biology Association annual meetings, virtual.
- 2019 **Kuzawa CW**, Blair C, Aronoff J, Wu C, Markl M, Shaibani A, Ragin A, Schnell S “Evidence for a metabolic trade-off between the energy requirements of brain development and the body mass index during human childhood” HBA Annual Meeting, Cleveland, OH.
- 2021 Ryan, C.P., Rej, P.H., Holman, D.J., Lee, N.R., Hayes, M.G., **Kuzawa, C.K.**, Eisenberg, D.T.A. Exploring the links between ovarian aging and somatic aging in humans: A study of leukocyte telomere length across the menopausal transition in a Philippine cohort. Telomere Research Network Annual Meeting, New Orleans, Louisiana, U.S.A.
- 2019 JE Aronoff, TW McDade, WR Leonard, **CW Kuzawa**. “Adiposity rebound in the Tsimane’: A comparison across time and populations”. HBA Annual Meeting, Cleveland, OH.
- 2019 Eisenberg DT, Lee NR, Rej PH, Hayes M, **Kuzawa. CW**. “Paternal age at conception effect on offspring telomere length as a potential adaptive intergenerational signaling mechanism: testing of transmission across four generations in the Philippines”. AAPA Annual meeting. Cleveland, OH.
- 2019 Ryan CP, **Kuzawa CW** “Germline epigenetic inheritance: Challenges and opportunities of linking paternal experience with offspring biology and health”. AAPA and AAAG Annual Meetings, Cleveland
- 2019 RL Fried and **C Kuzawa**. “Culture change in the urban north: The intergenerational effects of dietary and sociodemographic patterns among Alaska Native women and children living in Anchorage, Alaska”. AAPA annual meeting, Cleveland.

- 2019 Butler MS, Koning SM, **Kuzawa CW**, Borja J and TW McDade. Associations between depression, inflammation, and stress in mothers from a pregnancy cohort in Cebu City, the Philippines. American Journal of Human Biology 31 (2).
- 2019 Rosenbaum S, McDade TW, Agustin S, **Kuzawa CW**, & Gettler LT. Facultative fatherhood? Parental and alloparental caretaking tradeoffs in Cebu, Philippines. AAPA annual meeting. Cleveland.
- 2019 Rosenbaum S, **Kuzawa CW**, McDade TW, Agustin S, & Gettler LT. Household structure is not related to men's salivary T values in Cebu, Philippines. HBA annual conference, Cleveland.
- 2018 Fried RL, Borja J, **Kuzawa CW**. Womb-to-womb: A lifecourse perspective on maternal metabolism during pregnancy. Paper presented at the HBA Annual Meeting, Austin.
- 2018 Gettler L, Kuo PX, Borja JB, Rosenbaum S, **Kuzawa CW**. Trait or state? Exploring dynamic shifts in men's sociosexuality based on changes in life history status, familial roles, and testosterone in the Philippines. Paper presented at the HBA Annual Meeting, Austin.
- 2018 **Kuzawa CW**, McDade TW, Rosenbaum S, Borja JB, Gettler LT. Is the decline in testosterone with pairbonding or fatherhood attenuated as men age? The challenge of disentangling biology and selection in longitudinal analysis. Paper presented at the HBA Annual Meeting, Austin.
- 2018 Aronoff J, **Kuzawa CW**, Borja J, McDade TW. Associations between cortisol and C-reactive protein in Cebu, Philippines: C-reactive protein correlated positively with waking cortisol and negatively with diurnal slope. Paper presented at the HBA Annual Meeting, Austin.
- 2018 Ragsdale HB, **Kuzawa CW**, Borja J, McDade TW. Inflammatory cytokines in pregnancy and birth outcomes in the Philippines. Paper presented at the HBA Annual Meeting, Austin.
- 2018 Ryan C, Jones MJ, Kobor MS, Borja JB, McDade TW, **Kuzawa CW**. Genome-wide DNA-methylation is associated with pregnancy and lactation and mediated by changes in blood cell composition in young Filipino women. Paper presented at the HBA Annual Meeting, Austin.
- 2018 Kim AW, McDade TW, Borja J, **Kuzawa CW**. Early life social experiences as predictors of depression in Cebu, Philippines: Investigating the mediating roles of the HPA axis and DNA methylation. Paper presented at the Human Biology Association Annual Meeting, Austin.

- 2018 Rosenbaum S, Gettler LT, Borja JB, McDade TW, **Kuzawa CW**. Does men's testosterone rebound as parenting duties decline, or when pairbonds dissolve? Paper presented at the Human Biology Association Annual Meeting, Austin.
- 2018 Kim, A.W., Ryan, C.P., Borja, J., McDade, T.W., **Kuzawa, C.W**. Early life social experiences as predictors of depression in Cebu, Philippines: Investigating the mediating roles of the HPA axis and DNA methylation. Population Health Forum/Global Health Day, Northwestern University Institute for Public Health and Medicine, 4 December 2018.
- 2018 Kim, A.W., Ryan, C.P., Bechayda, S.A, McDade, T.W., **Kuzawa, C.W**. Early life social experiences as predictors of depression in Cebu, Philippines: Investigating the mediating roles of the HPA axis and DNA methylation. Developmental Origins of Disease: Biocultural and Evolutionary Insights from Working with Vulnerable Human and Non-Human Populations. 2018 Canadian Association for Physical Anthropology.
- 2018 Kim, A.W., Ryan, C.P., Borja, J., McDade, T.W., **Kuzawa, C.W**. Early life social experiences as predictors of depression in Cebu, Philippines: Investigating the mediating roles of the HPA axis and DNA methylation. Developmental Pathways for Health Research Unit Postgraduate Journal Club, Soweto, South Africa, 7 August.
- 2018 Ryan, C.P., Edgar, R.D., Jones, M.J., Kobor, M.S., Borja, J.B., McDade, T.W., and **Kuzawa C.W**. Genome-wide DNA-methylation varies with reproductive status and supports costs of reproduction in a cohort of young Filipino women. International Society for Evolution, Medicine, and Public Health, 4th Annual Meeting, Park City, Utah, U.S.A.
- 2018 RL Fried, M Hirschfeld and **C Kuzawa**. "Biological memories: Examining early indicators of intergenerational health among Alaska Native women and children living in Anchorage." The Canadian Association for Physical Anthropology annual meeting, London, Ontario, Canada.
- 2018 RL Fried, M Hirschfeld and **C Kuzawa**. "Biological memories: Examining early indicators of intergenerational health among Alaska Native women and children living in Anchorage." Alaska Maternal Child Health and Immunization Conference, Anchorage, AK.
- 2018 RL Fried and **C Kuzawa**. "Infant Feeding in the Urban North: Maintaining culture and health through subsistence foods." Society for Applied Anthropology annual meetings, Philadelphia, PA.
- 2017 Kim, A.W., McDade, T., Borja, J., **Kuzawa, C**. Evaluating the social buffering effects of social support on the HPA axis and depressive symptoms in Cebu City, Philippines. 2017 American Anthropological Association.

- 2017 Fried RL, **Kuzawa CW**. Using hierarchical linear modeling (HLM) to explore the maternal and environmental drivers of early growth patterns at Cebu. Paper presented at the Human Biology Association Annual Meeting, New Orleans.
- 2017 Barrett TM, **Kuzawa CW**, Borja JB, McDade TW. Inflammatory response to influenza vaccination predicts cardiovascular health among middle-aged women in the Philippines. Paper presented at the Human Biology Association Annual Meeting, New Orleans.
- 2017 Ortega R, Mayol N, Carba D, Duazo P, **Kuzawa CW**, Hayes MG, Eisenberg DTA. Alcohol usage is not associated with blood telomere length among middle-aged Filipino women from the Cebu Longitudinal Health and Nutrition Survey. Paper presented at the Human Biology Association Annual Meeting, New Orleans.
- 2017 **Kuzawa C**, Georgiev A, Borja J, McDade T. Do human mothers shield offspring from oxidative stress? Evidence from Cebu, Philippines. Paper presented at the Human Biology Association Annual Meeting, New Orleans.
- 2017 Ryan, C.P., Jones, M.J., MacIsaac, J.L., Morin, A., Borja, J.B., Kobor, M.S., **Kuzawa, C.W.**, McDade, T.W. Epigenetic pathways of intergenerational phenotypic inertia in birth weight: Evidence from mothers in Cebu, Philippines. AAPA Annual Meeting, New Orleans.
- 2017 Eisenberg, D.T.A., Hayes, M.G., McDade, T.W., Ryan, C.P., Georgiev, A.V., Jones, M.J., Kobor, M.S., **Kuzawa, C.W.**, Costs of reproduction assessed via telomere length and epigenetic age measures of biological senescence in young adult women from Cebu, the Philippines. AAPA Annual Meeting, New Orleans.
- 2017 Tennyson RL, Gettler LT, Kuzawa CW, Hayes MG, Agustin SS, Eisenberg DTA. Does early life pathogen exposure modify the link between psychosocial stress and telomere length in the Philippines? Paper presented at the Human Biology Association Annual Meeting, New Orleans.
- 2016 Gettler LT, Eisenberg DTA, Hayes MG, and Kuzawa CW. 2016. Androgen receptor gene CAG repeats, testosterone, and male life history. American Association of Physical Anthropology. Atlanta, GA.
- 2016 Georgiev, A.V., Ryan, C.P., Gettler, L.T., McDade, T.W. & Kuzawa, C.W. Prenatal androgen exposure (2D:4D) and its relationship to early growth and adult reproductive effort in men from Cebu, The Philippines. *American Journal of Physical Anthropology*, 159, S2: 153.
- 2016 Ryan, C.P., Georgiev, A.V., McDade, T.W., Gettler, L.T, Eisenberg, D.T.A., Hayes, M.G. & Kuzawa, C.W. Does androgen receptor genotype moderate the relationship between testosterone and somatic traits? A test in young adult males from Cebu,

- Philippines. *Annual meeting of the Human Biology Association, Atlanta, GA, April 13-14, 2016.*
- 2016 RL Fried, NR Lee, TW McDade and CW Kuzawa. “Maternal glucose status (HbA1c) during pregnancy and offspring birth outcomes in Cebu, Philippines.” Human Biology Association meetings, Atlanta, GA.
- 2016 TW McDade, C Ryan, RL Fried, M Jones, M Kobor and C Kuzawa. “Early origins of inflammation: Does DNA methylation mediate the association between nutritional and microbial environments in infancy and the regulation of inflammation in young adulthood?” Human Biology Association meetings, Atlanta, GA.
- 2016 Gettler LT, Eisenberg DTA, Hayes MG, Feranil AB, Kuzawa CW. Androgen receptor gene CAG repeats, testosterone, and male life history. *Am J Phys Anthropol* 159:152-153.
- 2016 Ryan CP, Georgiev A, McDade TW, Gettler LT, Eisenberg DTA, Hayes MG, Kuzawa CW. Variation in the androgen receptor modulates the relationship between testosterone and sexually dimorphic traits in adult males. *Am J Hum Biol* 28:294-295.
- 2016 Sarma MS, Feranil AB, Kuzawa CW, Gettler LT. Early Life Social Influences on Men's Testosterone & Parenting Behavior. *Am J Phys Anthropol* 159:280.
- 2016 Georgiev A, Ryan CP, McDade TW, Gettler LT, Kuzawa, CW. Prenatal androgen exposure (2D: 4D) and its relationship to early growth and adult reproductive effort in men from Cebu, The Philippines. *Am J Phys Anthropol* 159:153.
- 2015 Kuzawa CW, Chugani, HT, Grossman L, Lipovich L, Muzik O, Hof PR, Wildman DE, Sherwood CC, Leonard WR, Lange N, “The high metabolic costs of human brain development help explain the unusually slow body growth of human childhood. C.” AAPA Annual meeting, St Louis, March 25-28.
- 2015 Thayer ZM, Kuzawa CW, “Developmental and epigenetic responses to the environment: mechanisms for the embodiment of health disparities in New Zealand”. AAPA Annual meeting, St Louis, March 25-28.
- 2015 Tennyson RL, Gettler LT, Kuzawa CW, Hayes MG, Eisenberg DTA, “Early life psychosocial stress and blood telomere length among young adults in the Philippines” Human Biology Association Annual meeting, St Louis March 25-26.
- 2015 Fried RL, Kuzawa CW, “Maternal metabolic adaptations to pregnancy in the Philippines” Human Biology Association Annual meeting, St Louis March 25-26.
- 2015 McCabe KA, Kuzawa CW, McDade TW, “Pathogenic exposures and infectious morbidity in infancy are associated with adult stature and BMI in a Filipino birth cohort” Human Biology Association Annual meeting, St Louis March 25-26.

- 2014 KA McCabe, CW Kuzawa, and TW McDade “Pathogenicity alone does not explain the relationship between early life microbial exposures and adult inflammation”. HBA Annual meeting, Calgary, April 9-10, 2014.
- 2014 TW McDade, N Lee, J Perez, C Kuzawa “Prenatal and postnatal environments as predictors of C-reactive protein during pregnancy in the Philippines”. HBA Annual meeting, Calgary, April 9-10, 2014.
- 2014 ZM Thayer, CW Kuzawa “Maternal perinatal PTSD symptoms predict reduced infant cortisol reactivity: Implications for PTSD risk in offspring”. HBA Annual meeting, Calgary, April 9-10, 2014.
- 2014 HJ Bethancourt, JB Borja, CW Kuzawa MG Hayes, DTA Eisenberg “Association between blood telomere length in young adults and longitudinally-assessed adiposity and diet among a Filipino population”. AAPA Annual meeting, Calgary, April 8-12, 2014.
- 2014 DTA Eisenberg, CW Kuzawa MG Hayes, A Aviv “Comparison of telomere length measurements from monochrome multiplex qPCR and Southern blot techniques in the Cebu Longitudinal Health and Nutrition Survey”. AAPA Annual meeting, Calgary, April 8-12, 2014.
- 2014 RL Fried, J Lee, ZM Thayer, J Borja, CW Kuzawa “Preterm delivery as a predictor of diurnal cortisol profiles in adulthood: Evidence from metropolitan Cebu City, Philippines”. AAPA Annual meeting, Calgary, April 8-12, 2014.
- 2014 LT Gettler, SS Agustin, AB Feranil, TW McDade, CW Kuzawa “Sociosexuality in Cebu (Philippines): Variation by life history status and paternal care but no correlation to testosterone”. AAPA Annual meeting, Calgary, April 8-12, 2014.
- 2014 WE Gundling, JN Rutherford, VA DeMartelly, NR Lee, CW Kuzawa, DE Wildman “Genome-wide patterns of placental methylation are predicted by the proxies of maternal nutritional history in Cebu, Philippines”. AAPA Annual meeting, Calgary, April 8-12, 2014.
- 2014 JN Rutherford, VA DeMartelly, DE Wildman, NR Lee, CW Kuzawa “Maternal birth weight predicts placental nutrient transport characteristics thirty years later in Metro Cebu, Philippines”. AAPA Annual meeting, Calgary, April 8-12, 2014.
- 2014 KN Sterner, HT Chugani, AL Tarca, CC Sherwood, PR Hof, CW Kuzawa, A Abbas, L Lipovich, LI Grossman, M Uddin, M Goodman, DE Wildman “Dynamic patterns of gene expression in the human brain during postnatal development”. AAPA Annual meeting, Calgary, April 8-12, 2014.

- 2014 M Workman, LS Adair, J Borja, TW McDade, CW Kuzawa “Assessment of skeletal muscle mass as a pathway linking early growth to adult diabetes risk in Cebu City, Philippines”. AAPA Annual meeting, Calgary, April 8-12, 2014.
- 2013 Gettler LT, Agustin SS, Feranil AB, McDade TW, Kuzawa CW, “Testosterone, immune function, and life history transitions in the Philippines”, in organized session “The High Price of Success: Costs of Reproductive Effort in Male Primates and Humans”, HBA/AAPA joint session, 2013 Annual meetings Knoxville, April 9-13, 2013.
- 2013 Kuzawa CW, Rutherford JN, DeMartelly V, Gundling WE, Weckle A, Lee N, Wildman DE “Placental DNA methylation patterns predict offspring birth weight: A pilot study from Cebu, Philippines”. HBA Annual meeting, Knoxville, April 10-11, 2013.
- 2013 Gettler LT, Agustin SS, Feranil AB, McDade TW, Kuzawa CW, “Testosterone, immune function, and life history transitions in the Philippines”, in organized session “The High Price of Success: Costs of Reproductive Effort in Male Primates and Humans”, HBA/AAPA joint session, 2013 Annual meetings Knoxville, April 9-13, 2013.
- 2013 McGowen MR, Sterner KN, Baker JL, Sherwood CC, Kuzawa CW, Chugani HT, Lipovich L, Grossman LI, Wildman DE, “Characterization of human cortisol gene expression across development in relation to glucose utilization”. AAPA Annual meeting, Knoxville, April 9-13, 2013.
- 2013 Bragg JM, Bogin B, Kuzawa CW, “Rethinking lifetime reproductive effort in humans: does early weaning provide the fuel to extend the human lifespan?”. AAPA Annual meeting, Knoxville, April 9-13, 2013.
- 2013 Rutherford JN, DeMartelly VA, Lee NR, Wildman DE, Kuzawa CW, “Influence of placental characteristics on birth weight and evidence for population differences in placental morphology”. AAPA Annual meeting, Knoxville, April 9-13, 2013.
- 2013 Thayer ZM, Kuzawa CW, “Moving beyond genetic race: Developmental contributions to human variation in New Zealand”. AAPA Annual meeting, Knoxville, April 9-13, 2013.
- 2013 Thayer ZM, Kuzawa CW, “Intergenerational effects of maternal experience: Influence of SES on maternal and offspring stress physiology in New Zealand”. HBA Annual meeting, Knoxville, April 10-11, 2013.
- 2013 Quinn EA, Kuzawa CW, “Maternal predictors of human milk leptin levels and associations with infant size”. HBA Annual meeting, Knoxville, April 10-11, 2013.

- 2013 Eisenberg DTA, Borja JB, Hayes MG, Kuzawa CW, “The association of early life infection with shorter adult blood telomere lengths in Cebu, the Philippines”. HBA Annual meeting, Knoxville, April 10-11, 2013.
- 2012 McGowen MR, Sterner KN, Baker JL, Sherwood CC, Kuzawa CW, Chugani HT, Lipovich L, Grossman LI, Wildman DE. “Adaptive *cis*-regulatory evolution of age-related differentially expressed genes in the human brain”, Society of Molecular Biology and Evolution Annual meeting.
- 2012 Gettler LT, McDade TW, Kuzawa CW. Childhood Energetic and Psychosocial Inputs Influence Males’ Adult Reproductive Behaviors: Evidence from the Philippines. Human Behavior and Evolution Society Meetings. June 13-17, 2012.
- 2012 Gettler LT, McDade TW, Feranil AB, Kuzawa CW. Is there a prolactin paradox in human males? Prolactin, fatherhood, and reproductive behavior in a large sample of Filipino men. *Am J Hum Biol* 24:214.
- 2012 Eisenberg DTA, Borja JB, Hayes MG, and Kuzawa CW. Grandfather’s age at father’s birth is associated with longer telomere lengths in grandchildren in the Philippines: a case of adaptive intergenerational signaling? *American Journal of Physical Anthropology*(Supplement 54):138.
- 2012 Bragg, JM, McDade, TW, & CW Kuzawa. Environmental risk and facultative adjustment of life history strategy in the Philippines. Podium Presentation at 2012 American Association Physical Anthropology Meetings, Portland, OR.
- 2012 McDade, TW, Bragg, JM, Kuzawa, CW, Chyu, L, & EK Adam. Environmental risk, perceived mortality risk, and facultative adjustment of life history strategy among young adults in the United States. Podium Presentation at 2012 American Association Physical Anthropology meetings, *Portland, OR*.
- 2012 Bragg, JM, Banerjee, M, McDade, TW & CW Kuzawa. Evaluating developmental plasticity in ovarian reserve: Infancy and childhood growth and anti-Mullerian hormone (AMH) level in young adult Filipino Women. Poster Presentation, Human Biology Association, Portland, OR April 2012.
- 2012 Hoke, MK, McDade TW, Kuzawa CW ‘The relationship between adverse childhood environment and adult inflammation and immune dysregulation: The Cebu Longitudinal Health and Nutrition Survey (CLHNS).’ Poster, *Human Biology Association Annual Meeting*. Portland.
- 2012 Quinn EA, CW Kuzawa. “Preliminary evidence for developmental programming of human milk composition”. International Society for Research on Human Milk, September 30.

- 2011 Kuzawa CW, Eisenberg, DT, Hayes, MG, “Transgenerational predictors of birth weight in the Philippines: correlation with mother’s and father’s birth weight and test of maternal constraint.” Presented at the 7<sup>th</sup> World Congress on the Developmental Origins of Health and Disease, Portland, OR, September 2011.
- 2011 Bragg, JM, Banerjee, M, McDade, TW & CW Kuzawa. Evaluating developmental plasticity in ovarian reserve: Infancy and childhood growth and anti-Mullerian hormone (AMH) level in young adult Filipino Women. Poster Presentation, 7<sup>th</sup> World Congress on the Developmental Origins of Health and Disease, Portland, OR, September 2011.
- 2011 Eisenberg, DT, Borja JB, Kuzawa CW, Hayes, MG, “The paternal and grand-paternal age effects on blood telomere length in Cebu, Philippines.” American Society of Human Genetics, Oct 11-5, Montreal.
- 2011 van Noordwijk M, Vogel M, Rahmalia A, Mardianah N, van Schaik C, Kuzawa C, “Conservative investment by Orangutan mothers”, European Federation for Primatology, Sept 14-17, Almada, Portugal.
- 2011 Kuzawa CW, Eisenberg, DT, Hayes, MG, “Transgenerational predictors of birth weight in the Philippines: correlation with mother’s and father’s birth weight and test of maternal constraint.” Presented at Human Biology Association Meeting, April 13-14, Minneapolis, MN.
- 2011 Tallman, PS, McDade TW, Kuzawa C, Huang Y, “Ecology of inflammation: immunoglobulin E and interleukin-4 in young Filipino adults.” Presented at Human Biology Association Meeting, April 13-14, Minneapolis, MN.
- 2011 Tallman, PS, Kuzawa CW, Adair LS, Borja J, McDade T. Microbial Exposures in Infancy Predict Levels of the Immuno-regulatory Cytokine Interleukin-4 in Filipino Young Adults. Abstract presented at the Human Biology Associations Annual Meetings in Minneapolis, Minnesota.
- 2011 Bragg JM, Banerjee M, Kuzawa CW, McDade TW, “Relationship between menarcheal age, parity and anti-mullerian hormone (AMH) level, a marker of ovarian reserve, among young adult Filipino women.” Presented at Human Biology Association Meeting, April 13-14, Minneapolis, MN.
- 2011 Gettler LT, Agustin SS, McDade TW, Kuzawa CW, “Longitudinal changes in testosterone among men transitioning to fatherhood in the Philippines.” Presented at Human Biology Association Meeting, April 13-14, Minneapolis, MN.
- 2011 Thayer ZM, Kuzawa CW, “Diurnal cortisol profiles in pregnancy: Does the pattern of cortisol secretion vary across populations or by birth weight?” Presented at Human Biology Association Meeting, April 13-14, Minneapolis, MN.

- 2011 Gettler LT, McDade TW, Kuzawa CW, “Does cortisol suppress testosterone under day-to-day conditions? Evidence from a large cohort of young adult Filipino males.” Presented at American Association of Physical Anthropologists Meeting, April 12-16, Minneapolis, MN.
- 2011 Hui J, Lipovich L, Grossman LI, Uddin M, Hof P, Sherwood CC, Kuzawa CW, Wildman DE, Goodman M, “Structural differences of orthologous brain-expressed genes between Gorilla and human revealed by high throughput RNA sequencing.” Presented at American Association of Physical Anthropologists Meeting, April 12-16, Minneapolis, MN.
- 2011 Kuzawa CW, “Critical periods, intergenerational signaling and human health.” Presented at American Association of Physical Anthropologists Meeting, April 12-16, Minneapolis, MN.
- 2011 Lipovich L, Tarca AL, Hui J, Grossman LI, Uddin M, Hof P, Sherwood CC, Kuzawa CW, Wildman DE, Goodman M, “Human-specific brain energy utilization features are reflected in gene expression during childhood: an RNA-world perspective.” Presented at American Association of Physical Anthropologists Meeting, April 12-16, Minneapolis, MN.
- 2011 McDade, Thomas W., Tallman, Paula S., Adair, Linda S., Borja, Judith, Kuzawa, Christopher W. 2011. Comparative insights into the regulation of inflammation: Levels and predictors of interleukin 6 and interleukin 10 in young adults in the Philippines. *Am J Phys Anthropol.* 146(3); 373-384
- 2011 Quinn EA, Kuzawa CW, “Growth characteristics in infancy predict differences in milk composition in adulthood.” Presented at American Association of Physical Anthropologists Meeting, April 12-16, Minneapolis, MN.
- 2010 Dubin BL, Kuzawa CW, “Marriage medicine: probing the influence of marital status on male cardiovascular disease risk in the Philippines.” Presented at Human Biology Association Meeting, April 14-15, Albuquerque, NM.
- 2010 Azam IT, Kuzawa CW, Quinn EA, “Mother’s own breastfeeding length predicts hemoglobin levels during lactation.” Presented at Human Biology Association Meeting, April 14-15, Albuquerque, NM.
- 2010 Thayer ZM, Kuzawa CW, “Diurnal cortisol rhythms and birth weight in the Cebu Study.” Presented at Human Biology Association Meeting, April 14-15, Albuquerque, NM.
- 2010 Eisenberg DTA, Salpea KD, Kuzawa CW, Hayes MG, Humphries SE, and on behalf of the European Atherosclerosis Research Study (EARS) II group. Greater than three-fold variation in mean leukocyte telomere length in young men living in eleven European

countries: variation is not obviously related to population genetic structure or ecological variation in infectious exposures. American Society of Human Genetics.

- 2010 Gettler LT, Agustin S, Kuzawa C, “Testosterone, body composition, and strength among Filipino males.” Presented at Human Biology Association Meeting, April 14-15, Albuquerque, NM.
- 2010 Eisenberg DTA, Salpea KD, Kuzawa CW, Hayes MG, Humphries SE on behalf of the European Atherosclerosis Research (EARS) II Group, “Leukocyte telomere lengths across eleven European countries: description of population variation and possible explanatory factors.” Presented at Human Biology Association Meeting, April 14-15, Albuquerque, NM.
- 2010 Kuzawa CW, McDade TW, Augustin S, “Testosterone and male life history: evidence for developmental adaptation in the Philippines.” Presented at Human Biology Association Meeting, April 14-15, Albuquerque, NM.
- 2010 McDade TW, Kuzawa C, Huang Y, “Early origins of inflammation: prenatal and postnatal environments predict pro- and anti-inflammatory cytokines in young Filipino adults.” Presented at Human Biology Association Meeting, April 14-15, Albuquerque, NM.
- 2010 Sterner KN, Boddy AM, Kuzawa CW, Sherwood CC, Hof PR, Lipovich L, Grossman LI, Uddin M, Wildman DE, Goodman M, Mairmeijers E, Weckle AL, Gregoire L, Chugani HT, “Functional genomic signatures of human brain growth and development.” Presented at American Association of Physical Anthropologists Meeting, April 15-17, Albuquerque, NM.
- 2010 Eisenberg DTA, Salpea KD, Kuzawa CW, Hayes MG, Humphries SE, and on behalf of the European Atherosclerosis Research Study (EARS) II group. Leukocyte telomere lengths across eleven European countries: description of population variation and possible explanatory factors. Modern Techniques in Drug Discovery Symposium (Northwestern University, Cellular and Molecular Basis of Disease Training Grant).
- 2009 Kuzawa CW, McDade TW, Feranil AB, Augustin S, “Testosterone and male life history: evidence for developmental adaptation in the Philippines” 6<sup>th</sup> World Congress for the Developmental Origins of Health and Disease, Nov 19-22, Santiago, Chile.
- 2009 Thayer Z, Kuzawa CW, “Diurnal cortisol rhythms and birth weight in the Cebu Study” 6<sup>th</sup> World Congress for the Developmental Origins of Health and Disease, Nov 19-22, Santiago, Chile.
- 2009 Martinez-Cordero C, Raubenheimer, Kuzawa CW, “Testing the protein leverage hypothesis of human obesity using dietary surveys” 6<sup>th</sup> World Congress for the Developmental Origins of Health and Disease, Nov 19-22, Santiago, Chile.

- 2009 Norris, SA, Osmond C, Kimmie, Z, Stein AD, Kuzawa CW, Lee NR, Gigante D, Ramirez-Zea M, Tandon N, Lakshmy R, Fall CHD, “Understanding the developmental pathways to ill-health: associations of size at birth and weight gain in infancy and childhood with adult diabetes risk in five low- or middle-income country birth cohorts” 6<sup>th</sup> World Congress for the Developmental Origins of Health and Disease, Nov 19-22, Santiago, Chile.
- 2009 Kuzawa CW, “Testosterone and male life history: evidence for developmental adaptation in the Philippines”, 6<sup>th</sup> World Congress for the Developmental Origins of Health and Disease, Nov 19-22, Santiago, Chile.
- 2009 EK Adam, A Desantis, C Kuzawa, “Early developmental influences associated with HPA-axis activity in young adulthood.” American Psychosomatic Society, Chicago, March 4-7.
- 2009 DTA Eisenberg, MG Hayes, CW Kuzawa, “Evidence for cholesterol function and local climatic adaptation based on worldwide allele frequency variations of the apolipoprotein E (*APOE*) gene.” Paper at Human Biology Association Meeting. *AJHB*, 21(2): 253.
- 2009 Quinn EA and Kuzawa CW. Fatty acid composition of human milk from the Philippines: sources of variation across the life span. *AJHB* 21(2)
- 2009 Quinn EA, CW Kuzawa. Does a woman’s birth weight predict milk protein composition in adulthood? Annual meeting of the American Association of Physical Anthropologists, Chicago, IL April 3.
- 2009 Rutherford JN, McDade T, Adair L, Kuzawa C. Menopause is associated with decreased adiposity but elevated CRP in Filipino women, Human Biology Association, April, Chicago.
- 2008 Kuzawa CW, Sweet ES, The embodiment of race: health disparities in the age of epigenetics, Presidential Invited Session on Race, Biology and Culture. AAA national meeting, San Francisco, CA Nov 21.
- 2008 Quinn EA, Kuzawa CW “Are daughters breastfeeding behaviors predicted by their mother’s breastfeeding behaviors?” Human Biology Association national meeting, Columbus OH.
- 2008 McDade, TW, Rutherford, J., Adair, L. and C. Kuzawa. “Early origins of inflammation: A life course perspective on the predictors of C-reactive protein in young adults in the Philippines”. Presentation in podium session “Biodemographic perspectives on early life influences on later life health,” annual meeting of the *Population Association of America*, New Orleans, LA, April 18.
- 2008 Duazo P, Avila J, Kuzawa C, “Breast-feeding and later psychosocial development in the Philippines”, poster presented at annual meeting of the *Population Association of America*, New Orleans, LA, April 18.

- 2007 Kuzawa, CW, Quinn EA, Adair LS “Intergenerational predictors of fetal growth rate in generation 3 of the Cebu cohort.” Invited speaker in session on “Lifecourse Biology” 5<sup>th</sup> International Congress on Developmental Origins of Health and Disease (DOHaD), Perth, Australia, November 10.
- 2007 Quinn EA, Kuzawa CW. (2007) “Human milk varies in composition across ecologic contexts: Implications for adaptation and health. *American Journal of Human Biology* 19(2): 273.
- 2007 Adair LS, Kuzawa, CW, McDade TW “CVD risk factors in young adults are differentially sensitive to different measures of infant size, gender, and young adult weight status”. 5<sup>th</sup> International Congress on Developmental Origins of Health and Disease (DOHaD), Perth, Australia, November 10
- 2007 Kuzawa, CW, Quinn EA, “Is intrauterine nutrition a source of information for the fetus? A test in the Philippines”, paper for invited session “Challenges and trade-offs in human pregnancy”, Annual meeting of the American Anthropological Association, Washington, DC, December 1.
- 2007 Kuzawa, CW and Benyshek D “Introduction and historical overview”, AAPA national meetings Philadelphia, April 2007.
- 2007 Kuzawa, CW “Early life nutritional cues, developmental plasticity and human life history: new evidence”, AAPA national meetings Philadelphia, April 2007.
- 2006 Kuzawa, CW “Life history perspectives on growth, productivity and adult physiology and function.” Paper presented at HBES meetings, June 8, 2006, Philadelphia.
- 2006 Kuzawa, CW “Life history perspectives on growth, productivity and adult function.” Invited participant in session “Is adaptation healthy? Contrasting views on health patterns in adverse environments” held at the AAPA national meetings, March 10, 2006, Anchorage. *AJPA*
- 2006 Kuzawa, CW, Snodgrass, JJ, Leonard WR, “Evolutionary medicine and cholesterol.” Paper presented at the HBA national meetings, March 9, 2006, Anchorage. *AJHB*
- 2006 Quinn EA, Kuzawa CW, Adair LS “Effects of infant feeding method at two and four months of life on male and female adolescent leptin concentrations.” Paper presented at the AAPA national meetings, March 9, 2006, Anchorage. *AJPA*
- 2005 Kuzawa, CW and TW McDade, “Early environments and adolescent health in the Philippines: Developmental influences on inflammation” Invited participant in session “Policy implications of biosocial research on child development” held at the national meetings of the American Anthropological Association, November 2005, Washington DC. *Amer Anthropol*

- 2005 Quinn, EA, McDade, TW, Kuzawa CW, and LS Adair, “The weanling’s dilemma: life history trade-offs and infant feeding decisions in the Philippines” Invited participant in session “Applied behavioral ecology of young child feeding” held at the national meetings of the American Anthropological Association, November 2005, Washington DC. *Amer Anthropol*
- 2005 Adair, LS, McDade TW, and CW Kuzawa “Growth patterns of adolescent risk groups defined by lipid profiles, insulin resistance, and blood pressure” Poster presented at the International Association for the Developmental Origins of Health and Disease (DOHaD), Nov. 2005, Toronto. *Pediatric Res*
- 2005 Kuzawa, CW, “Prenatal and postnatal influences on later lipid metabolism”. Invited speaker in session on cardiovascular risk factors held at the International Association for the Developmental Origins of Health and Disease (DOHaD), November 2005, Toronto.
- 2005 Quinn, EA, Kuzawa CW, McDade TW, and LS Adair, “Association between mode of infant feeding and lepin concentrations in adolescent Filipinos” Poster presented at the International Association for the Developmental Origins of Health and Disease (DOHaD), November 2005, Toronto. *Pediatric Res*
- 2005 Kuzawa, CW, “Beyond the thrifty gene: human life history, energetics, and the metabolic syndrome”. Paper presented in invited session on “The metabolic syndrome”, National meetings of the American Association of Physical Anthropologists, Milwaukee, April 8, 2005. *AJPA*
- 2005 Kuzawa, CW, “Long term effects of maternal/child health”, Community Child Health Network (CCHN), Los Angeles, January 20, 2005.
- 2004 Kuzawa, CW, “Relationship between size at birth and maturational timing in males”. International Congress of Auxology, July 4-7, Firenze, Italy.
- 2004 Kuzawa, CW, Miller, E, and LS Adair, “Maternal and prenatal influences on male life history”. Paper included in the invited session entitled “Life history, energetics, and human evolution”, National meetings of the American Association of Physical Anthropologists, Tampa, FL, April 14-17. *Amer J Phys Anthropol*, 123, Suppl 38, p.130.
- 2004 Kuzawa, CW “The fetal origins of developmental plasticity: Life history, adaptation, and disease”, Plenary session of 29<sup>th</sup> national meetings of the Human Biology Association, Tampa, FL, April 14-15. *Amer J Hum Bio*, 16(2) 233-34.
- 2003 Kuzawa, CW, “Sex differences in environmental sensitivity: prenatal origins?” Paper presented at the national meetings of the Human Biology Association, Tempe AZ, April 27<sup>th</sup>. *Amer J Hum Bio*, 15 (2) p.270.

- 2003 Kuzawa, CW and LS Adair, "Prenatal influences on leptin in adolescent Filipinos." Paper presented at the national meetings of the American Association of Physical Anthropology, Tempe AZ, April 27<sup>th</sup>. *Amer J Phys Anthropol*, Suppl. 36, p.134.
- 2003 Kuzawa, CW, "Modeling prenatal adaptive responses to nutrient restriction" Invited paper presented in plenary session "A critical evaluation of the fetal origins hypothesis and its implications for developing nations," Experimental Biology Meetings (FASEB), San Diego California, April 13<sup>th</sup>. *FASEB Journal*
- 2002 Kuzawa, CW and LS Adair, "A supply-demand model of fetal cholesterol programming: assessing the importance of fetal growth potential" Invited paper presented in session on the Determinants and Consequences of the Nutrition Transition at the Household and Population Level, Experimental Biology Meetings (FASEB), New Orleans, April 20-24. *FASEB Journal*, Vol. 16 (4-1), Abstract 475.5. p.A616
- 2002 Kuzawa, CW and LS Adair, "Maternal nutritional status and diet during pregnancy and offspring lipid metabolism in Filipino adolescents". Paper presented at the annual meetings of the American Association of Physical Anthropologists, Buffalo, April 10-14. *Amer J Phys Anthropol*, Suppl. 34, p.99.
- 2002 Kuzawa, CW and LS Adair, "A Supply-Demand model of prenatal cholesterol programming: Assessing the importance of fetal growth potential". Poster presented at the annual meetings of the Human Biology Association, Buffalo, April 12-14. *Amer J Hum Bio*, 14(1).
- 2001 Kuzawa, CW, Adair, LS, "Fetal programming of lipid metabolism: long-term implications of fetal growth in Filipino adolescents". Paper presented at the annual meeting of the American Association of Physical Anthropologists, March 2001. *Amer J Phys Anthropol*, Suppl. 32, p.94
- 2001 Lampl, M, Kuzawa, CW, and P Jeanty, "Building a head and body from parental directives: Sexual dimorphism under fetal constraint". Paper presented at the annual meeting of the American Association of Physical Anthropologists, March 2001. *Amer J Phys Anthropol* Suppl 32, p.95
- 2001 Kuzawa, CW, Lampl, M, and P Jeanty, "The fetal origins of adult disease: Prenatal insult or normal growth variation? An ultrasound study of renal size in human fetuses with appropriate growth". Paper presented at the annual meeting of the Human Biology Association, March 26-28, 2001. *Amer J Hum Bio* 13(1) p.128
- 2001 McDade, TW, Beck, M, Kuzawa, CW, and Adair, LS, "Long-term effects of prenatal and early postnatal experience on adolescent immune function". Poster presented at the annual meeting of the Human Biology Association, March 26-28, 2001. *Amer J Hum Bio* 13(1) p.132

- 2001 Adair LS, McDade TW, Kuzawa CW, Beck M, “Prenatal undernutrition is associated with reduced immune function in adolescence”. Poster presented at the First World Congress on Fetal Origins of Adult Disease, Mumbai, India, Feb 2-5, 2001. *Pediatric Research*, July 2001.
- 2001 Adair LS, Kuzawa CW, “Postnatal Growth is a More Important Determinant of Blood Pressure Than Size at Birth Among Filipino Adolescents”. Poster presented at the First World Congress on Fetal Origins of Adult Disease, Mumbai, India, Feb 2-5, 2001. *Pediatric Research*, July 2001.
- 2000 Kuzawa, CW, “Fat baby, healthy adolescent? Testing the blood pressure ‘programming’ hypothesis among Filipino adolescents” Poster presented at the 25<sup>th</sup> Annual meeting of the Human Biology Association, San Antonio TX, April 10-12. *Amer J Hum Bio* 12(2) p.268
- 2000 Kuzawa, CW, “The CLHNS Cardiovascular Risk Study: Modeling lifelong influences on blood pressure in Filipino adolescents” Invited paper presented in session on the Nutrition Transition, Experimental Biology Meetings (FASEB), San Diego, April 14-16. *FASEB Journal*, 14 (4) p. A791
- 2000 Kuzawa, CW and L.S Adair, “Synergy between fetal undernutrition and lifestyle: determinants of cardiovascular risk in Filipino adolescents.” Paper presented in the session “Hormones Throughout the Lifecycle”, at the 9<sup>th</sup> International Congress of Auxology, Turin Italy, September 3-6. *Acta Medica Auxologica (Milan)*. 32 (1) 35.
- 1998 Kuzawa, CW “Female growth canalization: Do boys have more to lose?” Poster presented at the 67<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Salt Lake, Utah, April 1-4. *Amer J Phys Anthropol* Suppl 26, p.145
- 1997 Kuzawa, CW, “Sex differences in childhood and adolescent growth in relation to height at 4 and 6 years of age: A cross-population analysis.” Poster presented at the 8<sup>th</sup> International Congress of Auxology, Philadelphia, PA, June 29-July 3, 1997.
- 1997 Kuzawa, CW, “Sex differences in childhood and adolescent growth in relation to height at 4 and 6 years of age: A cross-population analysis.” Poster presented at the 8<sup>th</sup> International Congress of Auxology, Philadelphia, PA, June 29-July 3, 1997.
- 1997 Kuzawa, CW, “Body fat as system: an evolutionary and developmental consideration of the growth and function of body fat.” Paper presented at the 66<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, St. Louis, MO, April 1-5, 1997. *Amer J Phys Anthropol*, Suppl 24, p.148
- 1997 Linn, J, RL Barrett, TW McDade, CW Kuzawa, GA Armelagos, “Emerging disease and the third epidemiological transition.” Poster presented at the 66<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, St. Louis, MO, April 1-5, 1997. *Amer J Phys Anthropol*, Suppl 24, p.156

- 1996 Kuzawa, CW, "Baby fat in evolutionary perspective: infectious disease and the evolution of human growth." Paper presented at the 95<sup>th</sup> Annual Meeting of the American Anthropological Association, San Francisco, Ca., Nov. 20-24, 1996.
- 1996 Armelagos, GA, and CW Kuzawa, "Skeletons in our closet: The anthropology of skeletal biology." Paper presented at the 95<sup>th</sup> Annual Meeting of the American Anthropological Association, San Francisco, CA., Nov. 20-24, 1996.
- 1996 Kuzawa, CW, and GA Armelagos. "Hydrocephalus in a 10 year-old child from an X-Group Nubian population." Poster presented at the 65<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Raleigh-Durham, April 10-13. *Amer J Phys Anthropol*, Suppl 22, p.143
- 1996 Kuzawa, CW, "Baby fat in evolutionary perspective: Infectious disease and the ontogeny of body fat in infancy and childhood." Paper presented at the 1996 Annual Graduate Symposium, Anthropology Department, Emory University.
- 1992 Kuzawa, CW, and DP Van Gerven. "Patterns of age-related bone loss in a Classic Hohokam population from Pueblo Grande." Poster presented at the 62<sup>nd</sup> Annual Meeting of the American Association of Physical Anthropologists, Las Vegas. *Amer J Phys Anthropol*, Suppl 14, p.103

### **Student Advising and Teaching**

Undergraduate senior and honors research theses advised: ~30

#### ***Current PhD Advisees (Chair)***

Haley Ragsdale  
Bobbie Benavidez  
Emily Baron  
Ca'la Connors  
Alicia Fahrner

#### ***Former PhD Advisee (Chair)***

Jacob Aronoff (Postdoc, Northwestern)  
Calen Ryan (Postdoc, Columbia U, School Public Health)  
Andy Kim (now Assistant Professor, Berkeley)  
Ruby Fried (now Assistant Professor, U of Alaska)  
Zaneta Thayer (now Associate Professor, Dartmouth)  
Elizabeth (E.A.) Quinn (now Associate Professor, Washington University, St. Louis)  
Dan Eisenberg (now Associate Professor, U Washington, Seattle)  
Lee Gettler (now Associate Professor, Notre Dame)

#### ***Former Committee Member***

Mark Sorensen (Associate Professor, University of North Carolina, Chapel Hill); Josh Snodgrass (Associate Professor, University of Oregon); Kathryn Hicks (Assistant Professor, University of

Memphis); Colleen Nyberg (Assistant Professor, University of Massachusetts, Boston); Elizabeth Sweet (Assistant Professor, Northwestern); Amy Desantis (Post-Doc, U of Michigan); Marco Aiello (De Paul); Aaron Miller (Lab tech, Northwestern); Melanie Vento

***Former Post-Doctoral Advisee***

Stacy Rosenbaum (now Assistant Professor, University of Michigan)

Alex Georgiev (now Lecturer, University of Wales, Bangor)

Julienne Rutherford (now Professor and John & Nell Mitchell Endowed Chair for Pediatric Nursing, University of Arizona)

Megan Workman (now faculty member, Department of Biology, Pima College)

***Courses taught***

Evolutionary Medicine (ANTH 313)

The Evolution of Life Histories (ANTH 306)

Advanced Methods of Quantitative Analysis (ANTH 362)

Human Growth and Development (ANTH 314)

Methods in Human Biology Research (ANTH 386)

First year Seminar – DNA and Society (ANTH 101)

Freshman Seminar in Evolutionary Medicine (ANTH 101)

Graduate: Evolutionary Theory

Graduate: Human Life History and Reproduction

Graduate: History and Theoretical Foundation of Biological Anthropology and Human Biology

Graduate: Human Growth and Development

Graduate: Evolution of Life Histories

Graduate: Fat in Adaptation and Disease

Graduate: Inheritance: Darwin, the Modern Synthesis, Epigenetics

Graduate: Bridging Seminar: Brain, Body and Culture

***Ad hoc grant/manuscript reviews (select):***

NSF, Leakey Foundation, Cambridge University Press, National Research Council, Austrian Science Fund, South African Medical Research Council, Johns Hopkins University Press, Science, Proc Nat Acad Sci, Proc Royal Society B, Trans Phil Soc of Lond (Biological Reviews), Scientific American, Curr Anthropol, Am Anthropol, Am J Phys Anthropol, Am J Hum Biol, J Hum Evol, Evol Anthropol, Yearbook of Phys Anthropol, PLoS One, Horm Behav, Psychoneuroendocrinology, Psychol Sci, Epigenetics, DNA and Cell Biol, Trends Endocrinol Metab, Hum Nat, Eur J Clin Nutr, Med Anthropol, Ann Hum Biol, Intl J of Epidemiol, Epidemiology, Exp Gerontol, Demography, Biodem Social Biol, Int'l J Obesity, Am J Epidemiol, Am J Obstet Gynecol, Hum Repro, Neonatology, Metabolism, Tohoku J Exp Med, Nutr Metabol, Therap Adv Urol, J Urol, Evol Bioinformatics, ISME Journal: Multidisciplinary J Microbial Ecology, Biologia, J Immigr Minor Health, Public Health Nutr.

**Professional Memberships:** American Association of Physical Anthropologists, Human Biology Association, National Academy of Sciences, American Academy of Arts and Sciences,

International Society for Evolution, Medicine and Public Health, American Association of Anthropological Genetics.