

Lee T. Gettler, Ph.D.
Curriculum Vitae
2017-18

University of Notre Dame
Department of Anthropology
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Notre Dame, IN 46556

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Education

Northwestern University; Evanston, IL
Anthropology

Ph.D. 2012

University of Notre Dame; South Bend, IN
Anthropology

B.A. 2005 (*summa cum laude*)

Honors

Phi Beta Kappa

Appointments

Assistant Professor

University of Notre Dame, 2014-

Assistant Research Professor

University of Notre Dame, 2012-2014

Director, The Hormones, Health, and Human Behavior Laboratory

University of Notre Dame, 2012-

National Science Foundation Graduate Research Fellow

Northwestern University, 2009-2012

Graduate Research Assistant, Institute for Policy Research

Northwestern University, 2008-2009

Associate Director, Mother-Baby Behavioral Sleep Laboratory

University of Notre Dame, 2006-2007

Additional affiliations at Notre Dame

Faculty affiliate/member

The Eck Institute for Global Health

The Shaw Center for Children and Families

Fellowships and Grants

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| 2016 | Wenner-Gren Foundation Hunt Postdoctoral Writing Fellowship, Shaping fatherhood: the role of cultural institutions, development, and biological variation in cross-generational parenting patterns. \$40,000. |
| 2016 | Rukavina Family Foundation, Biology in transition: fathers in the first-year; PI; \$10,000. |
| 2015 | Kellogg Institute for International Studies, University of Notre Dame, Using biomarkers to measure the impact of refugee presence and activities |

- on the psychosocial stress environment of host communities. \$10,000. co-I with Dr. Rahul Oka.
- 2014 Jacobs Foundation, Evaluating the impact of cultural models and biomarkers of fatherhood and child well-being among central African foragers and farmers; PI with Dr. Adam Boyette; \$87,770.
- 2014 Rukavina Family Foundation, Biology in transition: fathers in the first-year; PI; \$25,000.
- 2014 Jacobs Foundation, The role of sexual orientation and biological relatedness in the physiological preparation of fatherhood; co-PI with Dr. Kate Ellis-Davies; \$11,498 (ND portion); \$42,386 (total).
- 2014 St. Joseph County (Indiana) Minority Health Coalition, Transitions to minority fatherhood: how mothers' and fathers' own childhood experiences relate to father involvement, parenting stress, and infant health. PI with Dr. Julie Braungart-Rieker; \$6500.
- 2013 National Science Foundation, BCS# 1317133, Longitudinal study of human male reproductive ecology: biological and behavioral responses to changing social roles and impacts on offspring and relationship quality; co-PI with Dr. Christopher Kuzawa; \$17,077 (ND portion); \$305,807 (total).
- 2013 Institute for Scholarship in the Liberal Arts, University of Notre Dame, Testosterone in fathers: context and family dynamics; PI; \$14,973.
- 2012 Graduate Research Grant, Northwestern University; \$2990
- 2010 Wenner-Gren Dissertation Field Grant, Longitudinal perspectives on paternal socioendocrinology in the Philippines; \$11,240
- 2010 Wenner-Gren Osmundsen Initiative
- 2010 National Science Foundation Doctoral Dissertation Improvement Grant, BCS# 0962212, Longitudinal perspectives on human paternal psychobiology in the Philippines; co-PI with Dr. Christopher Kuzawa; \$19,988
- 2009 National Science Foundation Graduate Research Fellowship
- 2009 Cells to Society (C2S): The Center on Social Disparities and Health, Northwestern University. Student Research Grant, The role of prolactin in paternal psychobiology; co-PI with Dr. Thomas McDade; \$5000
- 2008 Institute for Policy Research Graduate Assistantship, Northwestern University. Advisor: Dr. Thomas McDade
- 2008 Friends of Anthropology Summer Research Grant, Northwestern University; \$1500
- 2007 Graduate Fellowship, Northwestern University
- 2003 National Science Foundation Research Experiences for Undergraduates

Grants with undergraduates

- 2016 Undergraduate Research Opportunity Program (UROP) of the Institute for Scholarship in the Liberal Arts, University of Notre Dame. Intersections between parental sleep quality, testosterone, individual well-being, and relationship happiness; co-PI and faculty advisor with Mariana Tumminello; \$1500.

- 2016 Undergraduate Research Opportunity Program (UROP) of the Institute for Scholarship in the Liberal Arts, University of Notre Dame. Social Support, Rank, and Testosterone in Performance Art; co-PI and faculty advisor with Steven Goicoechea; \$1,424.
- 2016 Da Vinci Grant, Undergraduate Research Opportunity Program (UROP) of the Institute for Scholarship in the Liberal Arts, University of Notre Dame. Talent and Team Dynamics. co-PI and faculty advisor with Eva Niklinska; \$4500.
- 2016 Glynn Family Honors Program Undergraduate Research Grant, University of Notre Dame. Bilingualism and family dynamics. co-PI and faculty advisor with Hannah Legatzke; \$1883.
- 2016 Undergraduate Research Opportunity Program (UROP) of the Institute for Scholarship in the Liberal Arts, University of Notre Dame. Intersections of psychosocial stress, testosterone, and caregiving in US mothers and fathers; co-PI and faculty advisor with Mariana Tumminello; \$750.
- 2014 Undergraduate Research Opportunity Program (UROP) of the Institute for Scholarship in the Liberal Arts, University of Notre Dame. Behavior and Testosterone in Performance Art; co-PI and faculty advisor with Steven Goicoechea; \$1,782.

Peer Reviewed Publications

★Indicates Gettler as co-lead author

❖Indicates Post Doctoral Researcher co-author

**Indicates PhD student co-author(s)

1. ★**❖Sarma MS, Kuo PX, Bechayda SA, Kuzawa CW, **Gettler LT**. in press. Exploring the links between early life and young adulthood social experiences and men's later life psychobiology as fathers. *Physiology & Behavior*.
2. ★❖Rosenbaum S, **Gettler LT**. in press. With a little help from her friends (and family) With a little help from her friends (and family) Part I: the ecology and evolution of non-maternal care in mammals. *Physiology & Behavior*.
3. ★❖Rosenbaum S, **Gettler LT**. in press. With a little help from her friends (and family) Part II: non-maternal caregiving behavior and physiology in mammals. *Physiology & Behavior*.
4. **Gengo RG, Oka RC, Golitko ML, **Gettler LT**. in press. Positive impacts of refugee presence on host community nutritional status in Turkana County, Kenya. *Am J Hum Biol*.
5. **❖Kyweluk MA, Georgiev AV, Borja JB, **Gettler LT**, Kuzawa CW. 2018.

- Childhood cues of familial instability and mortality do not predict timing of menarche in Cebu, Philippines. *Evolution & Human Behavior*. 39:76-81.
6. ****Gettler LT**, Sarma MS, Gengo RG, Oka RC, McKenna JJ. 2017. Adiposity, CVD risk factors, and testosterone: variation by partnering status and residence with children in U.S. men. *Evolution, Medicine, and Public Health*. 2017(1):67-80
 7. **❖Ryan CP, Georgiev A, McDade TW, **Gettler LT**, Eisenberg DTA, Rzhetskaya M, Hayes MG, Bechayda SA, Kuzawa CW. 2017. Androgen receptor polyglutamine repeat length (AR-CAGn) modulates the effect of testosterone on androgen-dependent somatic traits in Filipino young adult men. *Am J Phys Anthropol*. 163:317-327.
 8. **❖Georgiev A, Ryan CP, McDade TW, **Gettler LT**, Kuzawa, CW. in press. Second-to-fourth digit ratio (2D:4D) is unrelated to measures of somatic reproductive effort among young men from Cebu, The Philippines. *Am J Phys Anthropol*. 163:437-445.
 9. ****Gettler LT**, Ryan CP, Eisenberg DTA, Rzhetskaya M, Hayes MG, Feranil AB, Bechayda SA, Kuzawa CW. 2017. 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
 10. **Ryan CP. McDade TW. **Gettler LT**. Eisenberg DTA. Rzhetskaya M. Hayes MG. Kuzawa CW. 2017. Androgen receptor CAG repeat polymorphism and hypothalamic-pituitary-gonadal function in Filipino young adult males. *Am J Hum Biol*. 29:e22897, 1-9.
 11. **Gettler LT**, Oka RC. 2016. Are testosterone levels and depression risk linked based on partnering and parenting? Evidence from a large population-representative study of U.S. men and women. *Soc Sci Med*. 163:157-167.
 12. **Gettler LT**. 2016. Becoming DADS: Considering the role of cultural context and developmental plasticity for paternal socioendocrinology. *Current Anthropology* 57:S38-S51.
 13. **Gettler LT**. 2016. Testosterone, fatherhood, and social networks. Trevathan W, Rosenberg K. (eds). *Costly And Cute: How Helpless Newborns Made Us Human*. Santa Fe, NM: School for Advanced Research. 149-176.
 14. ❖Kuzawa CW. **Gettler LT**, McDade TW, Agustin SS, Georgiev A. 2016. Is there a testosterone awakening response in humans? *Adaptive Human Behavior and Physiology* 2(2):166-183.
 15. **Gettler LT**, Oka RC. 2016. US males with multiple sources of emotional social support have low testosterone. *Horm Behav* 78:32-42.

16. ****Gettler LT**, McDade TW, Bragg JM, Feranil AB, Kuzawa CW. 2015. Developmental energetics, sibling death and parental instability as predictors of maturational tempo and life history scheduling in males from Cebu, Philippines. *Am J Phys Anthropol.* 158(2):175-184.
17. ★**McKenna, JJ. Gettler LT.** 2015. There is no such thing as infant sleep, there is no such thing as breastfeeding, there is only *breastsleeping*. *Acta Paediatrica* 105:17-21.
18. **Gettler LT**, McDade TW, Feranil AB, Agustin SS, Kuzawa CW. 2015. Longitudinal perspectives on fathers' residence status, time allocation, and testosterone in the Philippines. *Adaptive Human Behavior and Physiology.* 1(2):124-149.
19. ★**Roney J, Gettler LT.** 2015. The role of testosterone in human romantic relationships. *Curr Op Psychol.* 1:81-86.
20. **Gettler LT.** 2014. Applying socioendocrinology to evolutionary models: Fatherhood and physiology. *Evolutionary Anthropology* 23(4):146-160.
21. **Gettler LT**, McDade TW, Feranil AB, Agustin SS, Kuzawa CW. 2014. Testosterone, immune function, and life history transitions in Filipino Males (*Homo sapiens*). *Int J Primatol* 35(3-4): 787-804.
22. **Gettler LT**, McDade TW, Feranil AB, Agustin SS, Kuzawa CW. 2014. Salivary estradiol and testosterone in Filipino men: Diurnal patterns and relationships with adiposity. *Am J Hum Biol* 26(3) 376-383.
23. **Gettler LT**, McDade TW, Agustin SS, Feranil AB, Kuzawa CW. 2013. Do testosterone declines during the transition to marriage and fatherhood relate to men's sexual behavior? Evidence from the Philippines. *Horm Behav* 64(5):755-763.
24. **Gettler LT**, McDade TW, Agustin SS, Kuzawa CW. 2013. Progesterone and estrogen responsiveness to father-toddler interaction. *Am J Hum Biol* 25(4):491-498.
25. **Gettler LT**, Agustin SS, McDade TW, Kuzawa CW. 2012. Does cosleeping contribute to lower testosterone levels in fathers? Evidence from the Philippines. *PLoS ONE* 7(9):e41559.
26. **Gettler LT**, McDade TW, Feranil AB, Kuzawa CW. 2012. Prolactin, fatherhood, and reproductive behavior in human males. *Am J Phys Anthropol.* 148(3):362-370.

27. **Gettler LT**, Feranil A, McDade TW, Kuzawa CW. 2011. Longitudinal evidence that fatherhood decreases testosterone in human males. *PNAS* 108(29):16194-16199.
28. **Gettler LT**, Agustin SS, McDade TW, Kuzawa CW. 2011. Short-term changes in fathers' hormones during father-child play: Impacts of paternal attitudes and experience. *Horm Behav* 60(11):599-606.
29. **Gettler LT**, McDade TW, Kuzawa CW. 2011. Cortisol and testosterone in Filipino young adult men: Evidence for co-regulation of both hormones by fatherhood and relationship status. *Am J Hum Biol.* 23(5):609-620.
30. **Gettler LT**, McKenna JJ. 2011. Evolutionary perspectives on mother-infant sleep proximity and breastfeeding in a laboratory setting. *Am J Phys Anthropol* 144:454-462.
31. **Gettler LT**. 2010. Direct male care and hominin evolution: Why male-child interaction is more than a nice social idea. *American Anthropologist* 112(1):7-21.
32. **Gettler LT**, Agustin SS, Kuzawa CW. 2010. Testosterone, physical activity and somatic outcomes among Filipino males. *Am J Phys Anthropol* 142:590–599.
33. **Gettler LT**, McKenna JJ. 2010. Never sleep with baby? Or keep me close but keep me safe: Eliminating inappropriate “safe infant sleep” rhetoric in the United States. *Current Pediatric Reviews* 6:71-77.
34. Kuzawa C, **Gettler LT**, Huang J, McDade TW. 2010. Mothers have lower testosterone: Evidence from the Philippines. *Horm Behav* 57(5):441-447.
35. Kuzawa C, **Gettler LT**, Muller MN, McDade TW, and Feranil AB. 2009. Fatherhood, pairbonding, and testosterone in the Philippines. *Horm Behav* 56(4):429-435.
36. Fuentes A, Kalchik S, **Gettler LT**, Kwiatt A, Konecki M, Jones-Engel L. 2008. Characterizing human macaque interactions in Singapore. *Am J Primatol* 70:879-883.
37. McKenna JJ, Ball HL, **Gettler LT**. 2007. Mother-infant co-sleeping, breastfeeding and sudden infant death syndrome (SIDS): What biological anthropology has discovered about normal infant sleep and pediatric sleep medicine. *Yrbk Phys Anthropol* S45:133-161.

Peer Reviewed Publications Under Review

1. ★**Boyette AH, Lew-Levy S, **Gettler LT**. revise & resubmit (under review).

- Dimensions of fatherhood in a Congo Basin Village: A multi-method analysis of intra-cultural variation in men's parenting and its relevance for child health. *Current Anthropology*.
2. **Sarma MS, **Gettler LT**, Childs G, Quinn EA. revise & resubmit. When women work: endocrine reactivity in women during everyday physical activity at high altitude. *Am J Hum Biol*.
 3. Kuzawa C, Rosenbaum S, McDade TW, **Gettler LT**. The effects of storage time and temperature on salivary testosterone values. *Am J Hum Biol*.
 4. ❖**Gettler LT**, Kuo PX, Bechayda SA. under review. fatherhood and psychobiology in the Philippines: Perspectives on joint profiles and longitudinal changes of fathers' estradiol and testosterone. *Am J Hum Biol*.
 5. **Tennyson RL, **Gettler LT**, Kuzawa CW, Hayes MG, Bechayda SA, Eisenberg DTA. Lifetime socioeconomic status and early life microbial environments predict adult blood telomere length in the Philippines. *Am J Hum Biol*.

Working Papers

Vemuru V, Oka RC, Gengo RG, **Gettler LT**. 2016. Refugee impacts on Turkana hosts : a social impact analysis for Kakuma town and refugee camp Turkana County, Kenya. Washington, D.C. : World Bank Group. 268 pages. Accessed: August 29, 2017. <http://documents.worldbank.org/curated/en/359161482490953624/Refugee-impacts-on-Turkana-hosts-a-social-impact-analysis-for-Kakuma-town-and-refugee-camp-Turkana-County-Kenya>

Edited Volume and Journal Special Issues (Editorial role)

Rosenbaum S, **Gettler LT** (eds). 2017. Perspectives on non-maternal care in mammals: physiology, behavior, and developmental effects. *Physiology & Behavior*.

Narvaez D. Braungart-Rieker JM. **Gettler LT**. Hastings PD. Miller-Graff L (eds). 2016. Contexts for Young Child Flourishing: Evolution, Family, and Society. Oxford University Press. 400 p.

Edited Volume Chapters, Encyclopedia Entries, and other publications

Kuo PX, **Gettler LT**. in press. The neuroendocrinology of fatherhood. Mehta PH, Schultheiss O. (eds) *International Handbook of Social Neuroendocrinology*, 1-20.

Boyette AH, **Gettler LT**. in press. Evolution and human fatherhood. Welling LLM, Shackelford TK. (eds). *The Oxford Handbook on Evolutionary Psychology and Behavioral Endocrinology*. 1-57.

Gettler LT. in press. Biparental behavior. Trevathan W. (ed). *The International Encyclopedia of Biological Anthropology*. John Wiley and Sons, Inc.

Gettler LT. in press. Paternal behavior. Trevathan W. (ed). The International Encyclopedia of Biological Anthropology. John Wiley and Sons, Inc.

Gettler LT. 2017. Parenting and the family. Hopkins B, Geangu E, Linkenauer S. (eds). The Cambridge Encyclopedia of Child Development (2nd ed). Cambridge University Press. 1-8.

McKenna JJ, **Gettler LT.** 2017. Supporting a bottom-up, no holds barred. psych-anthropiatrics: making room (scientifically) for bedsharing families. Guest editorial. Sleep Medicine Reviews. epub.

Narvaez D. **Gettler LT.** Braungart-Rieker JM. Hastings P. Miller-Graff L. 2016. Flourishing as an aim of child development. Narvaez D. Braungart-Rieker JM. Miller L. **Gettler LT.** Hastings P. (eds). Contexts for Young Child Flourishing: From Research to Practice and Policy. Oxford University Press. 347-359.

Narvaez D. Braungart-Rieker JM. Hastings P. Miller L. **Gettler LT.** 2016. The Flourishing of young children: evolutionary baselines. Narvaez D. Braungart-Rieker JM. Miller L. **Gettler LT.** Hastings P. (eds). Contexts for Young Child Flourishing: From Research to Practice and Policy. Oxford University Press. 3-27.

McKenna, JJ. **Gettler LT.** 2016. Why it is important to present all the facts about the legitimate functions and affirmed benefits of breastsleeping. Acta Paediatrica 105:715.

Gettler LT. 2015. Paternal care. Whelehan P, Bolin A, (eds). The International Encyclopedia of Human Sexuality. Malden, MA: Wiley-Blackwell.

Gettler LT. 2015. Biparental care. Whelehan P, Bolin A, (eds). The International Encyclopedia of Human Sexuality. Malden, MA: Wiley-Blackwell.

McKenna JJ, **Gettler LT.** 2013. It's dangerous to be an infant: on-going relevance of John Bowlby's Environment of Evolutionary Adaptedness (the EEA) in promoting healthier births, safer maternal-infant sleep, and breastfeeding in a contemporary western industrial context. Narvaez D, Panksepp J, Schore A, Gleason T. (eds). Evolution, Early Experience and Human Development: From Research to Practice and Policy. New York: Oxford University Press. 439-453.

Gettler LT, McKenna JJ. 2012. Cosleeping. Barrett D, McNamara P, (eds) The Encyclopedia of Sleep and Dreams: The Evolution, Function, Nature, and Mysteries of Slumber. Santa Barbara, CA: ABC/CLIO Press. 175-179.

McKenna JJ, **Gettler LT.** 2010. Co-sleeping, breastfeeding and sudden infant death syndrome. In Tremblay RE, Peters RD, Boivin M, Barr RG, (eds). Encyclopedia on Early Childhood Development. Montreal: Centre of Excellence for Early Childhood Development. 1-10. Published online:

<http://www.child-encyclopedia.com/documents/McKenna-GettlerANGxp.pdf>

McKenna JJ, **Gettler LT**. 2009. Sleep: Sleeping arrangements. Schweder R, (ed). *The Child: An Encyclopedic Companion*. Chicago: University of Chicago Press. 917-920.

McKenna JJ, **Gettler LT**. 2008. Cultural influences on infant sleep biology and the science that studies it: Toward a more inclusive paradigm, part II. In, Marcus C, Carroll J, Donnelly D, Loughlin G, (eds). *Sleep in Children: Developmental Changes in Sleep Patterns*, 2nd Edition. New York: Marcel Dekker. 183-221.

McKenna JJ, **Gettler LT**. 2007. Aspects of mother-infant co-sleeping with breastfeeding in a western industrialized context. In Hale TW, Hartmann PE, (eds). *Textbook of Human Lactation*. Amarillo, TX: Hale Publishing, 271-302.

Conference Presentation and Abstracts

***Indicates abstracts with undergraduates as lead author.**

Boyette AH, Lew-Levy S, Sarma MS, Meigakanda VBB, **Gettler LT**. 2018. Teaching as paternal investment: Fatherhood at the information cooperation-reproductive nexus. Society for Cross-Cultural Research Annual Meeting. February 21-24, 2018. Las Vegas, NV.

Gettler LT, Kuo PX, Borja JB, Rosenbaum S, Kuzawa CW. 2018. Trait or state? Exploring dynamic shifts in men's sociosexuality based on changes in life history status, familial roles, and testosterone in the Philippines. Am J Hum Biol. Human Biology Association Annual Meeting.

*Conklin MB, Braungart-Rieker JM, Cummings E. Mark, Burke Lefever J, Kuo PX, **Gettler LT**. 2018. Infant temperament in U.S. family systems: Correlations with parental care, psychobiology, and mental well-being. Am J Hum Biol. Human Biology Association Annual Meeting.

Sarma MS, Boyette A, Lew-Levy S, Meigakanda VBB, **Gettler LT**. 2018. Endocrine responsivity and energy expenditure among the Mbenjele hunter-gatherers. Am J Hum Biol. Human Biology Association Annual Meeting.

Gengo RG, Oka RC, Sarma MS, McKenna JJ, **Gettler LT**. Social support moderates testosterone's health effects in a nationally representative sample of aging US men. Am J Hum Biol. Human Biology Association Annual Meeting.

Rosenbaum S, **Gettler LT**, Borja JB, McDade TW, Kuzawa CW. 2018. Does men's testosterone rebound as parenting duties decline, or when pairbonds dissolve? Am J Hum Biol. Human Biology Association Annual Meeting.

Kuzawa CW, McDade TW, Rosenbaum S, Borja JB, **Gettler LT**. 2018. Is the decline in testosterone with pairbonding or fatherhood attenuated as men age? The challenge of

disentangling biology and selection in longitudinal analyses. Am J Hum Biol. Human Biology Association Annual Meeting.

Gettler LT, Sarma MS, Gengo RG, Oka RC, McKenna JJ. 2017. “Dad Bod” as an evolutionary mismatch: testosterone, adiposity, and CVD-risk factors in a population-representative sample of U.S. men. Am J Hum Biol. Human Biology Association Annual Meeting.

Sarma MS, **Gettler LT**, Childs G, Quinn EA. 2017. Women's work: the effect of altitude on energy expenditure and endocrine reactivity. Am J Hum Biol. Human Biology Association Annual Meeting.

Sarma MS, Bechayda SA, **Gettler LT**. 2017. Early life influences on dual-hormone output in fathers when playing with their children. Am J Phys Anthropol. AAPA Annual Meeting.

Gengo RG, Oka RC, **Gettler LT**. 2017. Market density and ethnically variable economic specialization predict energetic status at Kakuma Refugee Camp, Kenya. Am J Hum Biol. Human Biology Association Annual Meeting.

*Niklinska E, **Gettler LT**. 2017. Friends? Foes? A biocultural analysis of talent, competitive dynamics and social hierarchy on a university fencing team. Am J Hum Biol. Human Biology Association Annual Meeting.

Tennyson RL, **Gettler LT**, Kuzawa CW, Hayes MG, Agustin SS, Eisenberg DTA. 2017. Does early life pathogen exposure modify the link between psychosocial stress and telomere length in the Philippines? Am J Hum Biol. Human Biology Association Annual Meeting.

Boyette AH, Lew-Levy S, **Gettler LT**. 2017. Dimensions of fatherhood in a Congo basin village: a multi-method analysis of intra-cultural variation in men's parenting and its relevance for child health. Society for Cross-Cultural Research Annual Meeting. March 1-4, 2017. New Orleans, LA.

Boyette AH, **Gettler LT**. 2017. Biocultural perspectives on family systems: Parental psychobiology among Bantu-speaking farmers in the Republic of the Congo. Society for Research on Child Development Biennial Meeting. April 6-8, 2017. Austin, TX.

Sarma MS, **Gettler LT**, Childs G, Quinn EA. 2016. Daily energy expenditure and activity intensity in populations adapted to highly challenging and harsh environments. American Society for Space and Gravitational Research Annual Meetings. Cleveland, OH, USA. October 28, 2016.

https://www.openconf.org/asgsr2016/modules/request.php?module=oc_proceedings&action=summary.php&id=138&a=Accept+as+Poster

*Niklinska EB, Tumminello M, Sarma MS, Braungart-Rieker J, Cummings EM, Burke J, **Gettler LT**. 2016. An exploratory analysis of the relationships between mothers' and fathers' testosterone, general well-being, and depression levels. Human Behavioral Evolution Society Annual Meetings. Vancouver, Canada. June 29, 2016.
http://www.hbes.com/wp-content/uploads/2016/02/HBES2016FullProgram_7.pdf

*Tumminello M, Niklinska EB, Tumminello M, Sarma MS, Braungart-Rieker J, Cummings EM, Burke J, **Gettler LT**. 2016. Intersections between parental sleep quality, testosterone, individual well-being, and relationship happiness. Human Behavioral Evolution Society Annual Meetings. Vancouver, Canada. June 29, 2016.
http://www.hbes.com/wp-content/uploads/2016/02/HBES2016FullProgram_7.pdf

Sarma MS, **Gettler LT**. Early life and young adulthood predictors of fathers' hormonal reactivity during interactions with their toddlers. Human Behavioral Evolution Society Annual Meetings. Vancouver, Canada. June 29, 2016.
http://www.hbes.com/wp-content/uploads/2016/02/HBES2016FullProgram_7.pdf

*Goicoechea S, Golitko M, Torres GA, **Gettler LT**. Social support, rank, and testosterone in performance art. Human Behavioral Evolution Society Annual Meetings. Vancouver, Canada. June 29, 2016.
http://www.hbes.com/wp-content/uploads/2016/02/HBES2016FullProgram_7.pdf

Gettler LT. 2016. The social neuroendocrinology of fatherhood. Social Neuroendocrinology Pre-Conference, Society for Personality and Social Psychology Annual Meeting. San Diego, CA. January 28, 2016.
<http://socialneuroendocrinology.org/speakers/>

Gettler LT, Eisenberg DTA, Hayes MG, Feranil AB, Kuzawa CW. 2016. Androgen receptor gene CAG repeats, testosterone, and male life history. *Am J Phys Anthropol* 159:152-153.

Gengo RG, Oka RC, **Gettler LT**. Refugee presence is positively correlated with host community energetic status in Turkana County, Kenya. *Am J Phys Anthropol* 159:154.

*Tumminello M, Braungart-Rieker J, Cummings EM, Burke J, **Gettler LT**. 2016. Intersections of psychosocial stress, testosterone, and caregiving in US mothers and fathers. *Am J Hum Biol* 28:299.

*Rogoff G, **Gettler LT**, McKenna JJ. 2016. Intersections of psychosocial stress, testosterone, and caregiving in US mothers and fathers. *Am J Hum Biol* 28:293-294.

Ryan CP, Georgiev A, McDade TW, **Gettler LT**, Eisenberg DTA, Hayes MG, Kuzawa CW. 2016. Variation in the androgen receptor modulates the relationship between testosterone and sexually dimorphic traits in adult males. *Am J Hum Biol* 28:294-295.

Sarma MS, Feranil AB, Kuzawa CW, **Gettler LT**. Early Life Social Influences on Men's Testosterone & Parenting Behavior. *Am J Phys Anthropol* 159:280.

Georgiev A, Ryan CP, McDade TW, **Gettler LT**, Kuzawa, CW. 2016. 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.

Gettler LT, Borja J, Agustin SS, Feranil AB, Kuzawa CW. 2015. Testosterone, fatherhood, and intergenerational patterns of parental care in the Philippines. European Conference on Developmental Psychology Annual Meeting. Braga, Portugal.
<http://ecdprbraga2015.com/scientificprogram.php>.

Gettler LT. 2015. Fathers' physiology and parent-child interaction: What can the dynamics of short-term and long-term hormonal shifts tell us about fathering? European Conference on Developmental Psychology Annual Meeting. Braga, Portugal.
<http://ecdprbraga2015.com/scientificprogram.php>.

Gettler LT, Oka RC. 2015. Expanding the network: Low testosterone men have multiple, diverse sources of social support. Evidence from a US nationally-representative sample. *Am J Phys Anthropol*. 156:143.

Tennyson RL, **Gettler LT**, Kuzawa CW, Hayes MG, Eisenberg DTA. 2015. Early life psychosocial stress and blood telomere length among young adults in the Philippines. *Am J Hum Biol* 27:11.

*Bombardier NP, **Gettler LT**. 2014. Fathers' testosterone, relationship satisfaction, and verbal aggression: Evidence from the Philippines. Contexts for Development and Child Flourishing. University of Notre Dame. September 28-30, 2014.

McKenna JJ, **Gettler LT**. 2014. Attachment finding its way: short and long term benefits of childhood co-sleeping. Amer Anthropol Assoc Annual Meeting.
<https://aaa.confex.com/aaa/2014/webprogram/Paper38708.html>

Gettler LT, Agustin SS, Feranil AB, McDade TW, Kuzawa CW. 2014. Sociosexuality in Cebu (Philippines): Variation by life history status and paternal care but no correlation to testosterone. *Am J Phys Anthropol* 153:124.

Gettler LT. 2013. Parenthood, parental care, and testosterone: Navigating questions regarding behavior, biology, and bidirectionality. Amer Anthropol Assoc.
<http://aaa.confex.com/aaa/2013/webprogram/Session8399.html>

*Paluzzi MP, McKenna JJ, **Gettler LT**. 2013. Behavior of fathers sleeping in bed with their infants and partners. Amer Anthropol Assoc.
<http://aaa.confex.com/aaa/2013/webprogram/Paper27157.html>

Gettler LT, Agustin SS, Feranil AB, McDade TW, Kuzawa CW. 2013. Testosterone, immune function, and life history transitions in the Philippines. *Am J Phys Anthropol* 150:129.

Gettler LT, McDade TW, Kuzawa CW. 2012. Childhood energetic and psychosocial inputs influence males' adult reproductive behaviors: Evidence from the Philippines. *Human Behavior and Evolution Society Meetings*. University of New Mexico. June 13-17, 2012.

Dunham B, McKenna JJ, **Gettler LT**. The pitfalls of current public health messages on "safe" infant sleep: Absence of evolutionary insights on cosleeping. *Human Behavior and Evolution Society Meetings*. University of New Mexico. June 13-17, 2012.

Gettler LT, McDade TW, Feranil AB, Kuzawa CW. 2012. 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.

Kuzawa CW, **Gettler LT**, Thayer ZM, McDade TW. 2012. The testosterone awakening drop: Rapid post-waking decline in testosterone in males and females. *Am J Hum Biol* 24:212.

Gettler LT, Feranil A, McDade TW, Kuzawa CW. 2011. Longitudinal changes in testosterone among men transitioning to fatherhood in the Philippines. *Am J Hum Biol* 23:248.

Gettler LT, McDade TW, Kuzawa CW. 2011. Does cortisol suppress testosterone under day-to-day conditions? Evidence from a large cohort of young adult Filipino males. *Am J Phys Anthropol* 144(S52):141.

Gettler LT, Agustin S, Kuzawa C. 2010. Testosterone, body composition, and strength among Filipino males. *Am J Hum Biol* 22(2):254.

Gettler LT, McKenna JJ. 2008. Do the nighttime nutritional needs of the infant drive the duration of the human sleep cycle? *Am J Phys Anthropol* 135(S46):102-103.

Invited Book Reviews

Gettler LT. 2015. Review of *Do Fathers Matter? What Science is Telling Us About the Parent We've Overlooked* by Paul Raeburn (2015). *Scientific American/Farrar, Straus, and Giroux*. *Am J Hum Biol* 27:741-742.

Gettler LT. 2013. Review of *The Evolution of Parental Care* by Drs. Nick J. Royle, Per T. Smiseth, and Matthias Kolliker (2012). Oxford University Press. *Am J Hum Biol* 25:856-857.

Gettler LT. 2011. Review of *Fatherhood: Evolution and Human Paternal Behavior* by Drs. Peter B. Gray and Kermyt G. Anderson (2010). Harvard University Press: Cambridge, MA. *Am J Hum Biol* 23:145-146.

Invited Speaker/Symposium Participant

Gettler LT. 2017. The biology of fatherhood: Evolutionary origins, proximate functions, and implications for men's health. ASU Center for Evolution & Medicine (CEM) seminar series. Arizona State University Center for Evolution and Health. October 12, 2017.

Gettler LT. 2017. The biology of fatherhood: Evolutionary origins, ontogenetic influences, and proximate functions. "The Evolution and Economics of The Family. 5th Toulouse Economics and Biology Workshop." Organized by Drs. Ingela Alger, Jonathan Stieglitz, and Jörgen Weibull. Institute for Advanced Study in Toulouse. Toulouse, France. June 1-2.

Boyette AH, **Gettler LT**, Lew-Levy S. Biocultural anthropology and child development: children's play and men's parenting in the Congo. Nottingham Trent University (UK). School of Social Sciences invited lecture. September 22, 2016.

Gettler LT. 2016. Hormones and fathering. "SRCD-sponsored international working group on advancing measurement on fathering." Organized by Drs. Brenda Volling and Natasha Cabrera. University of Michigan. Ann Arbor, MI. June 6-7.

Gettler LT. 2015. Testosterone, fatherhood, and intergenerational patterns of parental care in the Philippines. "Fathering across cultures and contexts." Organized by Dr. Judi Mesman. European Conference on Developmental Psychology. Braga, Portugal. September 8-12.

Gettler LT. 2015. Fathers' physiology and parent-child interaction: What can the dynamics of short-term and long-term hormonal shifts tell us about fathering? "Understanding father-child play interactions and children's behavior using father-oriented approaches." Organized by Dr. Naama Poria. European Conference on Developmental Psychology. Braga, Portugal. September 8-12.

Gettler LT. 2014. "Integrating Anthropology: Niche Construction, Cultural Institutions, and History." Organized by Drs. Agustin Fuentes and Polly Wiessner. Wenner-Gren Foundation. October 17-23, at Tivoli Palacio de Seteais in Sintra, Portugal

Gettler LT. 2014. Fatherhood and hominin evolution. Costly and Cute: How Helpless Newborns Made Us Human. Organized by Drs. Wenda Trevathan and Karen Rosenberg. Advanced Seminar at the School for Advanced Research (SAR). Santa Fe, NM. May 10-15.

Gettler LT. 2014. Men as Fathers: Interdisciplinary Perspectives on Fatherhood in the Context of the Family. Organized by Drs. Lilo Ahnert and Michael Lamb. Jacobs Foundation Conference. Marbach Castle, Zurich, Switzerland. May 7-9.

Gettler LT. 2014. The socioendocrinology of fatherhood: Evolution, culture, and development. Father Research Initiative: Distinguished Faculty-Graduate Student Seminar Series. Organized by Drs. Brenda Volling and Richard Tolman. University of Michigan. Ann Arbor, MI. March 11-12.

Gettler LT. 2014. Fathers, physiology, and family systems: Implications for parent/child well-being. Building Babies: Development, Evolution, and Human Health. Organized by Dr. Katie Hinde. Annual Meeting of the American Association for the Advancement of Science. Chicago, IL. February 13-17.

Gettler LT. 2013. Parenthood, parental care, and testosterone: Navigating questions regarding behavior, biology, and bidirectionality. Entangling The Biological: Steps Toward An Integrative Anthropology. Organized by Drs. Katherine MacKinnon and Agustin Fuentes. Annual Meeting of Amer Anthropol Assoc. Chicago, IL, November 20-25.

Gettler LT. 2013. Testosterone, parenting, and sex: Emerging evolutionary insights from the Philippines. Yale University, Biological Anthropology speaker series. April 24-26.

Gettler LT. 2013. Testosterone, immune function, and life history transitions in the Philippines. The High Price of Success: Costs of Reproductive Effort in Male Primates and Humans. Organized by Drs. Alexander Georgiev and Melissa Emery Thompson. Co-sponsored by the American Association of Physical Anthropologists and Human Biology Association. Knoxville, TN April 9-13.

Gettler LT. 2012. Socioendocrinology and models of allocare in human evolution. Symposium on Human Evolution and Human Development. University of Notre Dame. Organized by Dr. Darcia Narvaez. October 4-7.

Gettler LT. 2012. Fathering Summit. Sidney Sussex College, Cambridge University (UK). Organized by Drs. Randy Day and Michael Lamb. July 1-5.

Gettler LT. 2010. Utilizing blood pressure measurements in social science research. C2S: The Center on Social Disparities and Health. Institute for Policy Research, Northwestern University: Summer Biomarker Institute. Organized by Drs. Chris, Kuzawa, Thom McDade, and Emma Adam. June 7-9.

Gettler LT. 2009. Male caregiving in human evolution: Relevance to maternal breastfeeding success. Hartmann/Hale Human Lactation Research Conference. Organized by Drs. Peter Hartmann and Tom Hale. Amarillo, TX. June 4-6.

Gettler LT. 2009. Direct male care and hominin evolution: Why male-child interaction is more than a nice social idea. Department of Anthropology's Prospective Student Colloquium, Northwestern University. Feb. 29.

Gettler LT. 2008. An anthropological perspective on mother-infant separation and its relevance to Sudden Infant Death Syndrome (SIDS). Developmental Physiology Conference, University of Leicester (UK). Organized by Dr. Michael Wailoo. June 19-20.

Gettler LT. 2008. Utilizing blood pressure measurements in social science research. C2S: The Center on Social Disparities and Health. Institute for Policy Research, Northwestern University: Summer Biomarker Institute. Organized by Drs. Chris, Kuzawa, Thom McDade, and Emma Adam. June 9-11.

Gettler LT, McKenna JJ. 2008. Do the nighttime nutritional needs of the infant drive the duration of the human sleep cycle? In Biological Anthropology of Human Sleep: Helping to Re-Do and Re-think the Traditional Sleep Research Paradigm. Poster symposium organized by Dr. James J. McKenna. Annual Meeting of Amer Assoc of Phys Anthropol. April 9-12.

Gettler LT. 2007. Comments on proceedings. Advancing biocultural perspectives in physical anthropology. Organized by Drs. Thom McDade and Agustin Fuentes. University of Notre Dame. Feb. 18-20.

Courses and Teaching Experience

2015

Anthropology 33101: Evolutionary Medicine and Early Life Origins of Health and Behavior. University of Notre Dame

2015, 2016

Anthropology 20304: Paleo Parenting. University of Notre Dame

2013, 2014, 2015

Anthropology 20201: Fundamentals of Biological Anthropology. University of Notre Dame

2013, 2014, 2016

Anthropology 40120: Evolutionary and Medical Perspectives on Fatherhood and Male Physiology. University of Notre Dame

2011 Teaching assistant, spring. Anthropology 314: Human Growth & Development. Dr. Thom McDade. Northwestern University.

2011 Teaching assistant, winter. Anthropology 398: Senior Seminar. Dr. Helen Schwartzman. Northwestern University.

2010 Teaching assistant, fall. Archaeology: Unearthing History. Dr. Mark Hauser. Northwestern University.

Professional Service

- 2018 American Association of Physical Anthropology Student Awards Committee
- 2017 Indiana Clinical Translational Sciences Institute (CTSI) TL1 post-doctoral fellows program reviewer
- 2017-19 Society for Research on Child Development Interdisciplinary Committee
- 2017 American Association of Physical Anthropology Student Awards Committee
- 2016-17 Human Biology Association Program Committee
- 2016 American Association of Physical Anthropology Student Awards Committee
- 2015-16 American Association of Physical Anthropology Program Committee
- 2015-16 Human Biology Association Program Committee
- 2015-16 Department of Anthropology Laboratory Safety Committee, University of Notre Dame
- 2015 Invited mentorship role as a senior scientist at the Human Biology Association Student Reception for roundtable on “Hormones and Behavior” research.
- 2014-15 Department of Anthropology Job Search Committee, Medical anthropology. University of Notre Dame
- 2013-14 Co-organizer. Academic conference: Contexts for Early Development and Child Flourishing. September 27-30, 2014. Co-hosted by University of Notre Dame and Attachment Parenting International.
- 2012-14 Department of Anthropology Kauffman Endowment for Excellence Speaker Series Committee, University of Notre Dame
- 2013-14 Department of Anthropology Laboratory Safety Committee, University of Notre Dame

- 2010 Safety guidelines pamphlet for safe sleeping with infants: Maximizing the chances of safe infant sleep in cosleeping contexts. In: DONA International Postpartum Doula Workshop Manual.
- 2009 Department of Anthropology Graduate Program Review Committee, Northwestern University: student representative.

Ad hoc peer reviewer for the following journals and funding agencies:

PNAS, National Academy of Sciences-National Research Council, Hormones and Behavior, Psychological Science, American Journal of Physical Anthropology, American Journal of Human Biology, Biology Letters, Social Science & Medicine, Child Development, Fathering, Adaptive Human Behavior & Physiology, Andrology, Human Nature, International Journal of Primatology, PLoS ONE.

National Science Foundation, The Leakey Foundation, The Guggenheim Foundation.

Popular Media and Social Outreach Publications

Gettler LT. 2016. Is prolactin the “breastfeeding hormone”? What is it doing in fathers?. Fatherhood Global. The Science of Fathering. <https://fatherhood.global/prolactin-fathers/>

Gettler LT. 2016. Testosterone changes in caring men. Fatherhood Global. The Science of Fathering. <https://fatherhood.global/testosterone-changes-caring-men/>.

Gettler LT. 2015. Skin-to-Skin Care after Birth: Effects on Fathers’ Hormones and Post Partum Well-Being. Memorial Children’s Hospital Fall Newsletter (South Bend, IN).

Boyette A, Gettler LT. The Forest of Fatherhood. Eltern Magazine (Swiss Parents’ Magazine). Issue 2015-10 December 2015.

Gettler LT, Kuzawa CW, McDade TW, Feranil A. 2011. Fatherhood, childcare, and testosterone: Study authors discuss the details. Scientific American. October 5.

Gettler LT. 2010. The careful decision to bedshare: Helping parents navigate choices about infant sleep location. International Doula 18(1): 8-13.

McKenna JJ, **Gettler LT.** 2010. Can co-sleeping be done safely? Yes: Preserve beneficial sleep practice. Op-Ed, Milwaukee Journal Sentinel. January 21.

Gettler LT, McKenna JJ. 2009. On science vs. ideology, respect vs. dismissiveness in the cosleeping debate: Reaction and response. Mothering Magazine. May-June: 18-20.

Gettler LT, McKenna JJ. 2009. The science of sharing sleep. Mothering Magazine. Jan-Feb: 42-51.

Media Coverage

Article: Do testosterone declines during the transition to marriage and fatherhood relate to men's sexual behavior? Evidence from the Philippines. (Horm Behav)

Featured in:

The Guardian, The Daily Mail, The Telegraph, The Australian, New Zealand Herald, South China Morning Post, India Today, TopNews Arab Emirates

Article: Does cosleeping contribute to lower testosterone levels in fathers? (PloS ONE)

Featured in:

Huffington Post, Scientific American, Psychology Today, WebMD, Fox News, WNDU

Article: Longitudinal evidence that fatherhood decreases testosterone in human males (PNAS)

Featured in:

New York Times, Wall Street Journal, Los Angeles Times, Washington Post, USA Today, Chicago Tribune, NPR, BBC, Australian Broadcasting Corporation, Time.com, MSNBC, CNN, Scientific American, Bloomberg News, The Guardian, The Telegraph, The Daily Mail, Toronto Star, Chicago Sun Times.

Article: Prolactin, fatherhood, and reproductive behavior in human males (Am J Phys Anthropol)

Featured in:

USA Today

Article: Direct male care and hominin evolution: Why male-child interaction is more than a nice social idea (American Anthropologist)

Featured in:

Discovery News, Scientific American