

Educational History

Ph.D. 2005 Harvard University, Cambridge, MA, Anthropology

A.M. 2000 Harvard University, Cambridge, MA, Anthropology

B.S. 1997 Emory University, Atlanta, GA, Anthropology & Human Biology,
summa cum laude, phi beta kappa

Employment History Part I

Associate Professor, 2017-present, Department of Anthropology, University of New Mexico, Albuquerque, NM

Assistant Professor, 2013-2017, Department of Anthropology, University of New Mexico, Albuquerque, NM

Research Assistant Professor/Postdoctoral Fellow, 2009-2013, Department of Anthropology, University of New Mexico, Albuquerque, NM

Adjunct Assistant Professor/Postdoctoral Fellow, 2008-2009, Department of Anthropology, University of New Mexico, Albuquerque, NM

Postdoctoral Fellow, 2005-2007, Department of Anthropology, Harvard University, Cambridge, MA

Employment History Part II

Associate Department Chair, 2019-present, Department of Anthropology, University of New Mexico, Albuquerque, NM

Board of Directors, 2008-present, Kibale Chimpanzee Project, Fort Portal, Uganda

Co-Director, 2008-present, Comparative Human and Primate Physiology (CHmPP) Center (formerly Hominoid Reproductive Ecology Laboratory), Department of Anthropology, University of New Mexico, Albuquerque, NM

Research Associate, 2009-2013, Department of Human Evolutionary Biology, Harvard University, Cambridge, MA

Research Associate, 2005-2013, Department of Anthropology, Boston University, Boston, MA

Laboratory Manager, 2005-2007, Primate Reproductive Ecology Laboratory, Harvard University, Cambridge, MA

Professional Recognition and Honors

Editor's Choice Award, American Journal of Primatology, for most outstanding research article published in 2013

Nominee, 2012, University of New Mexico Outstanding Online Teacher of the Year

Distinguished Speaker in Biological Anthropology, University of Arizona School of Anthropology, 2012

3rd Annual Women in Science Speaker, Indiana University, 2010

American Association of Physical Anthropologists' Professional Development Award, 2009

Certificate for Distinction in Teaching, 1999, 2000, 2001, 2004, Bok Center, Harvard University, five awards

Short Narrative Description of Research, Teaching and Service Interests

My research focuses on interactions of ecology, health, reproduction, and behavior in apes and humans. I use comparative primate models to shed light on the evolution of the human life history pattern and to examine the factors that contribute to life history variation, including energetics, stress, disease, and social relationships. In order to study these issues in natural settings, I use a combination of approaches from demography, behavioral ecology, and endocrinology. A major facet of my work is the development and application of minimally-invasive techniques for assessment of physiological processes. To that end, I co-direct the Comparative Human and Primate Physiology (CHmPP) Center at the University of New Mexico.

My primary research is with the Kibale Chimpanzee Project, a long-term (30+ yr) field study of ecology, behavior, demography, and physiology of wild chimpanzees in Uganda. I am on the board of directors of the Kibale Chimpanzee Project and work on federally-funded research programs that integrate longitudinal data from this site. I am currently the lead PI on a multi-PI award from the National Institute of Aging to study the biodemography of aging in chimpanzees. This study aims to generate a wide variety of non-invasive data to evaluate contributions of energetic, social, and life histories processes to health and to provide comparative data for understanding the evolution of human aging. I am also co-PI on an NSF-funded project to investigate behavioral and physiological predictors of leadership in chimpanzees. This research is highly collaborative, involving comparisons across research sites, across species, and across disciplines. To that end, I work extensively with human behavioral scientists (e.g., anthropologists; evolutionary, cognitive, and clinical psychologists; economists; and health scientists) on questions that are related to the chimpanzee research, such as the influences of stress on development or the ways that hormones impact social behavior. My laboratory generates a large number of collaborations with scholars at UNM and elsewhere. We provide fee-for-service assay work and student training, and assist collaborators with the development and application of methods for use in behavioral and cognitive research.

At UNM, I teach regular courses on human life history and behavioral ecology (Anth1170/360), hormones and behavior (Anth450/550), and primate behavior (Anth 362/562 and 363/563). My courses emphasize the ability to use evolutionary theory to understand real-world, relatable phenomena and the application of scientific data to evaluate ideas about the human organism and its evolutionary history. Outside of the classroom, I also do an extensive amount of laboratory training with students at all levels. I advise 5 PhD students and have served on at least 18 other grad student committees. My students have been highly successful in applying for funding, and several have received major regional or national prizes.

Professional service is a way to learn about and shape my professional environment. I am currently co-chair of Anthropology, where my efforts are focused on policy revisions to increase departmental efficiency, transparency, and collaboration. I am a lifetime member of the American Association of Biological Anthropologists and the International Primatological Society and present at most of the annual and biannual (respectively) meetings for each. I have been a member of scientific review panels for the NIH and NSF and serve on the editorial boards of *Hormones and Behavior*, *American Journal of Primatology*, and *Adaptive Human Behavior & Physiology*. I am also a member of the IUCN-SSC Primate Specialists' Group, which evaluates and makes recommendations on conservation efforts for wild primates.

Scholarly Achievements

Articles Published in Refereed Journals

Google Scholar Citation Record (h-index = 37):

<https://scholar.google.com/citations?user=RPYG5FkAAAAJ&hl=en>

2021 Dinh, T, S Gangestad, M Emery Thompson, AJ Tomiyama, DMT Fessler, TE Robertson, MG Haselton. Endocrinological effects of social exclusion and inclusion: experimental evidence for adaptive regulation of female fecundity. *Hormones and Behavior* 130: 104934.

2021 Reese, AT, S Phillips-Garcia, LA Owens, EM Venable, ZP Machanda, KE Langergraber, JC Mitani, DP Watts, MN Muller, RW Wrangham, TL Goldberg, M Emery Thompson, RN Carmody. Age patterning in the wild chimpanzee gut microbiota reveals differences from humans in early life. *Current Biology* 31. *Published online 11/2020.*

2020 Emery Thompson, M, MN Muller, ZP Machanda, E Otali, RW Wrangham. The Kibale Chimpanzee Project: Over thirty years of research, conservation, and change. *Biological Conservation* 252: 108857.

2020 Rosati, AG, L Hagberg, D Enigk, E Otali, M Emery Thompson, MN Muller, RW Wrangham, Z Machanda. Social selectivity in aging wild chimpanzees. *Science* 370: 473-476.

2020 Emery Thompson, M, A Rosati, N Snyder-Mackler. Insights from evolutionarily relevant models for human ageing. *Philosophical Transactions of the Royal Society of London Series B: Biological Sciences* 375: 20190605.

2020 Emery Thompson, M, S Fox, A Berghänel, K Sabbi, S Phillips-Garcia, DK Enigk, E Otali, ZP Machanda, RW Wrangham, and MN Muller. Wild chimpanzees exhibit humanlike aging of glucocorticoid regulation. *Proceedings of the National Academy of Sciences* 117: 8424-8430.

2020 Reynolds, AZ, SM Mattison, M Emery Thompson, PL Hooper, KE Starkweather, S Chun-Yi, S. Mingjie, L Hui, T Blumenfield, MK Shenk, K Wander. Matriliny predicts inflammation among the Mosuo of Southwest China. *Proceedings of the National Academy of Sciences* 117: 30324-30327.

2020 Emery Thompson, M, ZP Machanda, SA Fox, KH Sabbi, E Otali, N Thompson González, MN Muller, RW Wrangham. Evaluating the impact of physical frailty during ageing in wild chimpanzees (*Pan troglodytes schweinfurthii*). *Philosophical Transactions of the Royal Society of London B: Biological Sciences* 375: 20190607.

2020 Negrey, J, M Emery Thompson, KE Langergraber, ZP Machanda, JC Mitani, MN Muller, E Otali, LA Owens, RW Wrangham, TL Goldberg. Demography, life history tradeoffs, and the gastrointestinal virome of wild chimpanzees. *Philosophical Transactions of the Royal Society of London Series B: Biological Sciences* 375: 20190613.

- 2020 Phillips, SR, TL Goldberg, MN Muller, ZP Machanda, E Oтали, S Friant, J Carag, KE Langergraber, JC Mitani, EE Wroblewski, RW Wrangham, and M Emery Thompson. Faecal parasites increase with age but not reproductive effort in wild female chimpanzees. Philosophical Transactions of the Royal Society of London Series B: Biological Sciences 375: 20190614.
- 2020 Thompson González, NA, E Oтали, ZP Machanda, MN Muller, R Wrangham, M Emery Thompson. Urinary markers of oxidative stress respond to infection and late life in wild chimpanzees. PLoS ONE 15: e0238066.
- 2020 Enigk, DK, M Emery Thompson, ZP Machanda, RW Wrangham, MN Muller. Competitive ability determines coalition participation and partner selection during maturation in wild male chimpanzees (*Pan troglodytes schweinfurthii*). Behavioral Ecology & Sociobiology 74: 89.
- 2020 Muller, MN, NG Blurton-Jones, F Colchero, M Emery Thompson, DK Enigk, JT Feldblum, BH Hahn, KE Langergraber, EJ Scully, L Vigilant, KK Walker, RW Wrangham, EE Wroblewski, AE Pusey. Sexual dimorphism in chimpanzee (*Pan troglodytes schweinfurthii*) and human age-specific fertility. Journal of Human Evolution 144: 102795.
- 2020 Bergstrom, M, U Kalbitzer, FA Campos, AD Melin, M Emery Thompson, LM Fedigan. Non-invasive estimation of costs of feeding competition in a neotropical primate. Hormones and Behavior 118: 104632
- 2020 Sabbi, KH, MN Muller, SA Fox, P Machanda, E Oтали, RW Wrangham, and M Emery Thompson. Human-like adrenal development in wild chimpanzees: a longitudinal study of cortisol and dehydroepiandrosterone-sulfate. American Journal of Primatology 82: e23064.
- 2019 Emery Thompson, M. How can nonhuman primates inform evolutionary perspectives on female-biased kinship in humans? Philosophical Transactions of the Royal Society of London Series B 374: 20180074.
- 2019 Mattison, SM, MK Shenk, M Emery Thompson, M Borgerhoff Mulder, L Fortunato. The evolution of female-biased kinship in humans and other mammals. Philosophical Transactions of the Royal Society of London Series B 374: 20190007
- 2019 Surbeck, M, C Boesch, C Crockford, M Emery Thompson, T Furuichi, B Fruth, G Hohmann, S Ishizuka, Z Machanda, M Muller, A Pusey, T Sakamaki, N Tokuyama, K Walker, R Wrangham, E Wroblewski, K Zuberbuhler, L Vigilant, K Langergraber. Males with a mother living in their community have higher reproductive success in bonobos but not chimpanzees. Current Biology 29: R354-R355.
- 2019 Benenson, JF, LJ Hillyer, MM White, S Kantor, M Emery Thompson, H Markovitz, RW Wrangham. Social contact and hormonal changes predict post-conflict cooperation between friends. Evolution and Human Behavior 40: 345-354.

- 2019 Grebe, NM, M del Giudice, M Emery Thompson, N Nickels, D Ponzi, S Zilioli, D Maestripieri, SW Gangestad. Testosterone, cortisol, and status-striving personality features: a review and empirical evaluation of the dual hormone hypothesis. Hormones and Behavior 109: 25-37.
- 2019 Gangestad, S, M del Giudice, N Grebe, M Emery Thompson, T Dinh. Psychological cycle shifts redux: revisiting a preregistered study examining preferences for muscularity. Evolution and Human Behavior 40: 501-516.
- 2019 Negrey, JD, RB Reddy, EJ Scully, S Phillips-Garcia, L Owens, KE Langergraber, J Mitani, M Emery Thompson, RW Wrangham, MN Muller, E Otali, ZP Machanda, D Hyeroba, KA Grindle, TE Pappas, AC Palmenberg, JE Gern, TL Goldberg. Simultaneous outbreaks of respiratory disease in wild chimpanzees caused by distinct viruses of human origin. Emerging Microbes and Infections 8: 139-149.
- 2018 Emery Thompson, M, ZP Machanda, EJ Scully, DK Enigk, E Otali, MN Muller, TL Goldberg, CA Chapman, RW Wrangham. Risk factors for respiratory illness in a community of wild chimpanzees (*Pan troglodytes schweinfurthii*). Royal Society Open Science 5: 180840.
- 2018 Bray, J, M Emery Thompson, MN Muller, RW Wrangham, and ZP Machanda. The development of feeding behavior in wild chimpanzees (*Pan troglodytes schweinfurthii*). American Journal of Physical Anthropology 165: 34-46.
- 2018 Scully, EJ, S Basnet, RW Wrangham, MN Muller, E Otali, D Hyeroba, KA Grindle, T Pappas, M Emery Thompson, Z Machanda, KE Watters, AC Palmenberg, JE Gern, T Goldberg. Lethal respiratory epidemic in wild chimpanzees associated with human rhinovirus C. Emerging Infectious Diseases 24: 267-274.
- 2018 Alvarado, LC, MN Muller, MA Eaton, and M Emery Thompson. Steroid hormone reactivity in fathers watching their children compete. Human Nature: An Interdisciplinary Perspective 29: 268-282.
- 2018 Milich, KM, AV Georgiev, R Petersen, M Emery Thompson, D Maestripieri. Alpha male status and availability of conceptive females are associated with high glucocorticoid concentrations in high-ranking male rhesus macaques (*Macaca mulatta*) during the mating season. Hormones and Behavior 97: 5-13.
- 2017 Emery Thompson, M. Energetics of feeding, behavior, and life history in non-human primates. Hormones and Behavior 91: 84-96.
- 2017 Grebe, N, A Kristoffersen, TV Grøntvedt, M Emery Thompson, LE Ottesen Kennair, S Gangestad. Oxytocin and vulnerable romantic relationships. Hormones and Behavior 90: 64-74.
- 2017 Gilby, IC, ZP Machanda, RC O'Malley, CM Murray, EV Lonsdorf, K Schroepfer-Walker, DC Mjungu, E Otali, MN Muller, M Emery Thompson, RW Wrangham, AE Pusey.

Predation by female chimpanzees: implications for the hominin sexual division of labor. Journal of Human Evolution 110: 82-94.

2017 Bergstrom, ML, M Emery Thompson, AD Melin, and LM Fedigan. Using urinary parameters to estimate seasonal variation in the relative muscle mass of female white-faced capuchin monkeys (*Cebus capucinus imitator*). American Journal of Physical Anthropology 163: 707-715.

2016 Emery Thompson, M, MN Muller, K Sabbi, ZP Machanda, E Oтали, and RW Wrangham. Faster reproductive rates trade off against offspring growth in wild chimpanzees. Proceedings of the National Academy of Sciences USA 113: 7780-7785.

2016 Pontzer, H, MH Brown, DA Raichlen, H Dunsworth, B Hare, K Walker, A Luke, LR Dugas, R Durazo-Arvizu, D Schoeller, J Plange-Rhule, P Bovet, TE Forrester, EV Lambert, M Emery Thompson, RW Shumaker, SR Ross. Metabolic acceleration and the evolution of human brain size and life history. Nature 533: 390-392.

2016 Trumble, BC, A Blackwell, J Stieglitz, M Emery Thompson, IM Suarez, H Kaplan, M Gurven. Associations between male testosterone and immune function in a pathogenically stressed forager-horticultural population. American Journal of Physical Anthropology 161: 494-505.

2016 Yeo, RA, SG Ryman, M Emery Thompson, MP van den Heuvel, MA de Reus, J Pommy, B Seaman, RE Jung. Cognitive specialization for verbal vs. spatial ability: neural and behavioral correlates. Personality and Individual Differences 102: 60-67.

2016 Fedurek, P, KE Slocombe, DK Enigk, M Emery Thompson, RW Wrangham, and MN Muller. The relationship between testosterone production and long-distance calling in wild male chimpanzees. Behavioral Ecology & Sociobiology 70: 659-672.

2016 Georgiev, AV, D Christie, KA Rosenfield, AV Ruiz-Lambides, E Maldonado, M Emery Thompson, and D Maestriperi. Breaking the succession rule: the costs and benefits of an alpha-status take-over by an immigrant rhesus macaque on Cayo Santiago. Behaviour 153: 325-351.

2016 Grebe, Nicholas M, M Emery Thompson, Steven W. Gangestad. Hormonal predictors of women's extra-pair vs. in-pair sexual attraction in natural cycles: implications for extended sexuality. Hormones and Behavior 78: 211-219.

2016 Emery Thompson, M and MN Muller. Comparative phylogenetic perspectives on human reproductive behavior. Current Opinion in Psychology 7: 61-66.

2015 Alvarado, LC, MN Muller, M Emery Thompson, M Klimek, I Nenko, and G Jasienska. The paternal provisioning hypothesis: effects of workload and testosterone production on men's musculature. American Journal of Physical Anthropology 158: 19-35.

- 2015 Rushmore, J, AB Allison, EE Edwards, U Bagal, S Altizer, MR Cranfield, T Glenn, H Liu, L Mugisha, M Muller, RM Stumpf, M Emery Thompson, R Wrangham, MJ Yabsley. Screening great apes for putative sexually transmitted diseases: evidence of *Trichomonadidae* infections in wild chimpanzees (*Pan troglodytes*). American Journal of Primatology 77: 1075-1085.
- 2015 Pontzer, H, DA Raichlen, BM Wood, M Emery Thompson, SB Racette, AZP Mabulla, and FW Marlowe. Energy expenditure and activity in Hadza hunter-gatherers. American Journal of Human Biology 27: 628-637.
- 2015 Woodward, S, M Emery Thompson, and S Gangestad. Women exposed to the scents of fertile and luteal-phase women: Evaluative, competitive, and endocrine responses. Adaptive Human Behavior & Physiology 1:434-448.
- 2015 Stieglitz, J, BC Trumble, M Emery Thompson, AD Blackwell, D Cummings, H Kaplan, and M Gurven. Depression as sickness behavior? A test of the host defense hypothesis in a high pathogen population. Brain, Behavior, and Immunity 49: 130-139.
- 2015 Georgiev, AV, M Emery Thompson, TM Mandalaywala, and D Maestripieri. Oxidative stress as an indicator of the costs of reproduction among free-ranging rhesus macaques. Journal of Experimental Biology 218: 1981-1985.
- 2015 Trumble, B, J Stieglitz, M Emery Thompson, E Fuerstenberg, H Kaplan, and M Gurven. Testosterone and male cognitive performance in Tsimane forager-horticulturalists. American Journal of Human Biology 27: 582-586.
- 2015 Georgiev, AV, M Muehlenbein, S Prall, M Emery Thompson, and D Maestripieri. Male quality, dominance rank and mating success in free-ranging rhesus macaques. Behavioral Ecology 26: 763-772.
- 2014 Emery Thompson, M, MN Muller, and RW Wrangham. Male chimpanzees compromise the foraging success of their mates in Kibale National Park, Uganda. Behavioral Ecology and Sociobiology 68: 1973-1983.
- 2014 von Rueden, CR, BC Trumble, M Emery Thompson, J Stieglitz, AD Blackwell, HS Kaplan, and M Gurven. Political influence associates with cortisol and health among egalitarian forager-farmers. Evolution, Medicine, and Public Health 2014: 122-133.
- 2014 Emery Thompson, M, and AV Georgiev. The high price of success: costs of mating effort in male primates. International Journal of Primatology 35: 609-627.
- 2014 Benenson, J, MN Kuhn, PJ Ryan, AJ Ferranti, R Blondin, M Shea, C Charpentier, M Emery Thompson, and RW Wrangham. Human males appear more prepared than females to resolve conflicts with same-sex peers. Human Nature: An Interdisciplinary Biosocial Perspective 25: 251-268.

- 2014 Georgiev, AV, AF Russell, M Emery Thompson, E Oтали, MN Muller, and RW Wrangham. The foraging costs of mating effort in male chimpanzees. International Journal of Primatology 35: 725-745.
- 2013 Emery Thompson, M. Comparative reproductive energetics of human and non-human primates. Annual Review of Anthropology 42: 287-304.
- 2013 Emery Thompson, M. Reproductive ecology of wild female chimpanzees. American Journal of Primatology 75: 222-237. *Winner of AJP Editor's Choice Award for Most Outstanding Research Paper of 2013.*
- 2013 McCabe, GM and M Emery Thompson. Reproductive seasonality in wild Sanje mangabeys (*Cercocebus sanjei*), Tanzania: Relationship between capital breeding strategy and infant survival. Behaviour 150: 1399-1429.
- 2013 Griskevicius, V, JM Ackerman, SM Cantu, AW Delton, TE Robertson, JA Simpson, M Emery Thompson, JM Tybur. When the economy falters do people spend or save? responses to resource scarcity depend on childhood environments. Psychological Science 24: 197-205.
- 2012 Emery Thompson, M, MN Muller, and RW Wrangham. Variation in muscle mass in wild chimpanzees: application of a modified urinary creatinine method. American Journal of Physical Anthropology 149: 622-627.
- 2012 Emery Thompson, M, A Zhou, and CD Knott. Low testosterone correlates with delayed development in male orangutans. PLoS ONE 7: e47282.
- 2012 Emery Thompson, M, MN Muller, and RW Wrangham. The energetics of lactation and the return to fecundity in wild chimpanzees. Behavioral Ecology 23: 1234-1241.
- 2011 Benenson, JF, H Markovitz, M Emery Thompson, and RW Wrangham. Under threat of social exclusion, females exclude more than males. Psychological Science 22: 538-544.
- 2011 Muller, MN, M Emery Thompson, SM Kahlenberg, and RW Wrangham. Sexual coercion by male chimpanzees shows that female choice may be more apparent than real. Behavioral Ecology & Sociobiology 65: 921-933.
- 2011 Garver-Apgar, C, MA Heap, J Tybur, and M Emery Thompson. Evidence of intralocus sexual conflict: physically and hormonally masculine individuals have more attractive brothers relative to sisters. Evolution and Human Behavior 32: 423-432.
- 2011 Georgiev, A, M Emery Thompson, A Lokasola, and RW Wrangham. Seed-predation by bonobos (*Pan paniscus*) at Kokolopori, Democratic Republic of Congo. Primates 52: 309-314.
- 2011 Caldwell Hooper, A, SW Gangestad, M Emery Thompson, and AD Bryan. Testosterone and romance: the association of salivary testosterone with relationship status, commitment and satisfaction in heterosexual men and women. American Journal of Human Biology 23: 553-555.

- 2010 Emery Thompson, M, MN Muller, SM Kahlenberg, and RW Wrangham. Dynamics of social and energetic stress in wild female chimpanzees. Hormones and Behavior 58: 440-449.
- 2010 Gangestad, SW, L Merriman, M Emery Thompson. Men's oxidative stress, fluctuating asymmetry, and physical attractiveness. Animal Behaviour 80: 1005-1013.
- 2010 Gilby, IC, M Emery Thompson, J Ruane, and RW Wrangham. No evidence of short-term exchange of meat for sex among chimpanzees. Journal of Human Evolution 59: 44-53.
- 2010 Newton-Fisher, NE, M Emery Thompson, V Reynolds, C Boesch, L Vigilant. Paternity and social rank in Budongo Forest chimpanzees. American Journal of Physical Anthropology 142: 417-428.
- 2010 Knott, CD, M Emery Thompson, RM Stumpf, and M McIntyre. Female reproductive strategies in orangutans, evidence for female choice and infanticide counterstrategies in a species with frequent sexual coercion. Proceedings of the Royal Society B: Biological Sciences 277: 105-113.
- 2009 Emery Thompson, M, MN Muller, RW Wrangham, JS Lwanga, and KB Potts. Urinary C-peptide tracks seasonal and individual variation in energy balance in wild chimpanzees. Hormones and Behavior 55: 299-305.
- 2009 Benenson, JF, H Markovitz, M Emery Thompson, and RW Wrangham. Strength determines coalitional strategies in humans. Proceedings of the Royal Society B: Biological Sciences 276: 2589-2595.
- 2009 Stumpf, RM, M Emery Thompson, MN Muller & RW Wrangham. The context of female dispersal in Kanyawara chimpanzees. Behaviour 146: 629-656.
- 2008 Emery Thompson, M, ML Wilson, G Gobbo, MN Muller, and AE Pusey. Hyperprogesteronemia in response to *Vitex fischeri* consumption in wild chimpanzees (*Pan troglodytes schweinfurthii*). American Journal of Primatology 70: 1064-1071.
- 2008 Emery Thompson, M and RW Wrangham. Male mating interest varies with female fecundity in *Pan troglodytes* of Kanyawara, Kibale National Park. International Journal of Primatology 29: 885-905.
- 2008 Kahlenberg, SM, M Emery Thompson, MN Muller, and RW Wrangham. Immigration costs for female chimpanzees and male protection as an immigrant counterstrategy to intrasexual aggression. Animal Behaviour 76: 1497-1509.
- 2008 Emery Thompson, M, RM Stumpf, and AE Pusey. Female reproductive strategies and competition in apes: an introduction. International Journal of Primatology 29: 815-821.

- 2008 Stumpf, RM, M Emery Thompson, and CD Knott. A comparison of female mating strategies in *Pan troglodytes* and *Pongo spp.* International Journal of Primatology 29: 865-884.
- 2008 Emery Thompson, M and CD Knott. Urinary C-peptide of insulin as a non-invasive measure of energy balance in wild orangutans. Hormones and Behavior 53: 526-535.
- 2008 Kahlenberg, SM, M Emery Thompson, and RW Wrangham. Female competition over core areas in *Pan troglodytes*, Kibale National Park, Uganda. International Journal of Primatology 29: 931-947.
- 2008 Emery Thompson, M and RW Wrangham. Diet and reproductive function in wild female chimpanzees (*Pan troglodytes schweinfurthii*) at Kibale National Park, Uganda. American Journal of Physical Anthropology 135: 171-181.
- 2008 Anderson, HB, M Emery Thompson, CD Knott, and L Perkins. Fertility and mortality patterns of captive Bornean and Sumatran orangutans: is there a species difference in life history? Journal of Human Evolution 54: 34-42.
- 2007 Emery Thompson, M, JH Jones, AE Pusey, S Brewer-Marsden, J Goodall, D Marsden, T Matsuzawa, T Nishida, V Reynolds, Y Sugiyama, and RW Wrangham. Aging and fertility patterns in wild chimpanzees provide insights into the evolution of menopause. Current Biology 17: 2150-2156.
- 2007 Townsend, SW, KE Slocombe, M Emery Thompson, and K Zuberbühler. Female-led infanticide in wild chimpanzees. Current Biology 17(10): 365-366.
- 2007 Emery Thompson, M, SM Kahlenberg, IC Gilby, and RW Wrangham. Core area quality is associated with variance in reproductive success in chimpanzees at Kanyawara, Kibale National Park. Animal Behaviour 73: 501-512.
- 2007 Muller, MN, SK Kahlenberg, M Emery Thompson, and RW Wrangham. Male coercion and the costs of promiscuous mating in chimpanzees. Proceedings of the Royal Society B: Biological Sciences 274: 1009-1014.
- 2006 Emery Thompson, M, NE Newton-Fisher, and V Reynolds. Probable community transfer of parous adult female chimpanzees in the Budongo Forest, Uganda. International Journal of Primatology 27: 1601-1617.
- 2006 Muller, MN, M Emery Thompson, and RW Wrangham. Male chimpanzees prefer mating with older females. Current Biology 16: 2234-2238.
- 2006 Brewer-Marsden, S, D Marsden, M Emery Thompson. Demographic and female life history parameters of free-ranging chimpanzees at the Chimpanzee Rehabilitation Project, River Gambia National Park. International Journal of Primatology 27(2): 391-410.

2005 Emery Thompson, M. Reproductive endocrinology of wild female chimpanzees (*Pan troglodytes schweinfurthii*): methodological considerations and the role of hormones in sex and conception. American Journal of Primatology 67:137-158.

2003 Emery, MA and PL Whitten. Size of sexual swellings reflects ovarian function in wild chimpanzees (*Pan troglodytes*). Behavioral Ecology and Sociobiology 54: 340-351.

2003 Santiago ML, M Lukasik, S Kamenya, Y Li, F Bibollet-Ruche, E Bailes, MN Muller, M Emery, DA Goldenberg, J Lwanga, A Ayoub, E Nerrienet, HM McClure, JL Heeney, DP Watts, AE Pusey, DA Collins, RW Wrangham, J Goodall, JFY Brookfield, PM Sharp, GM Shaw, and BH Hahn. Foci of endemic simian immunodeficiency virus infection in wild-living eastern chimpanzees (*Pan troglodytes schweinfurthii*). Journal of Virology 77(13): 7545-7562.

Articles Appearing in Chapters in Edited Volumes

2020 Emery Thompson, M and K Sabbi. Evolutionary Demography of the Great Apes. Human Evolutionary Demography. Edited by R Sear, O Burger, and R Lee. Open Book Publishers; Cambridge, UK. Preprint published online: <https://osf.io/d2thj/>

2018 Emery Thompson, M. Richard Wrangham. Encyclopedia of Animal Cognition and Behavior. Edited by J Vonk and TK Shackelford, Springer Nature.

2018 Emery Thompson, M. Reproductive Seasonality. The International Encyclopedia of Biological Anthropology. Edited by W Trevathan, John Wiley & Sons, Inc.

2018 Emery Thompson, M. Sexual coercion as a mechanism of sexual selection. Encyclopedia of Evolutionary Psychological Science. Edited by TK Shackelford & VA Weekes-Shackelford, Springer Press.

2018 Emery Thompson, M. Barbara Smuts and Robert Smuts. Encyclopedia of Evolutionary Psychological Science. Edited by TK Shackelford & VA Weekes-Shackelford, Springer Press.

2017 Emery Thompson, M and PT Ellison. Fertility and fecundity. Chimpanzees and Human Evolution. Edited by MN Muller, RW Wrangham, and D Pilbeam. Harvard University Press, pp. 217-258.

2017 Emery Thompson, M. Menstruation. The International Encyclopedia of Primatology. Edited by A Fuentes, Wiley-Blackwell Press.

2017 Emery Thompson, M. Reproductive Seasonality. The International Encyclopedia of Primatology. Edited by A Fuentes, Wiley-Blackwell Press.

2017 Emery Thompson, M. Ovarian cycles. The International Encyclopedia of Primatology. Edited by A Fuentes, Wiley-Blackwell Press.

- 2017 Emery Thompson, M. C-peptide of insulin. The International Encyclopedia of Primatology. Edited by A Fuentes, Wiley-Blackwell Press.
- 2015 Emery Thompson, M. Sexual behavior. Emerging Trends in the Social and Behavioral Sciences. Edited by RA Scott and SM Kosslyn. John Wiley & Sons.
- 2015 Emery Thompson, M and Z Machanda. Chimpanzees. The International Encyclopedia of Human Sexuality, First Edition. Edited by P. Whelehan and A. Bolin. John Wiley & Sons, Inc.
- 2013 Emery Thompson, M and RW Wrangham. *Pan troglodytes*. Mammals of Africa. Edited by DCD Happold, J Kingdon, and T Butynski. Bloomsbury Publishing, pp. 55-64.
- 2012 Emery Thompson, M, and L Alvarado. Human sexual conflict and sexual coercion in comparative evolutionary perspective. Oxford Handbook of Sexual Conflict in Humans. Edited by A Goetz and T Shackelford. Oxford University Press, New York, pp. 100-121.
- 2012 Newton-Fisher, NE and M Emery Thompson. Comparative evolutionary perspectives on violence. Oxford Handbook of Evolutionary Perspectives on Violence, Homicide, and War. Edited by T. Shackelford and V. Weekes-Shackelford. Oxford University Press, pp. 41-62.
- 2012 Muller, MN and M Emery Thompson. Mating, parenting, and male reproductive strategies. The Evolution of Primate Societies. Edited by J Mitani, J Call, P Kappeler, R Palombit, and J Silk. University of Chicago Press, pp. 387-411.
- 2009 Emery Thompson, M. Human rape: revising evolutionary perspectives. Sexual Coercion in Primates: An Evolutionary Perspective on Male Aggression Against Females. Edited by MN Muller, RW Wrangham. Harvard University Press, Cambridge, pp. 346-374.
- 2009 Emery Thompson, M. The endocrinology of intersexual relationships among apes. The Endocrinology of Social Relationships. Edited by PB Gray and PT Ellison. Harvard University Press, Cambridge, MA. pp. 196-223.
- 2009 Knott, CD, M Emery Thompson, and SA Wich. The ecology of reproduction in wild orangutans. Orangutans: Ecology, Evolution, Behaviour and Conservation. Edited by SA Wich, SS Utami, T Mitra Setia, and CP van Schaik. Oxford University Press, London. pp. 171-188.
- 2006 Emery Thompson, M, RW Wrangham, V Reynolds. Urinary estrone conjugates and reproductive parameters in Kibale (Kanyawara) and Budongo (Sonso) chimpanzees. Primates of Western Uganda. Edited by NE Newton-Fisher, H Notman, V Reynolds, and J Paterson. Springer, New York, pp. 227-246.
- 2006 Emery Thompson, M, RW Wrangham. Comparison of sex differences in gregariousness in fission-fusion species: reducing bias by standardizing for party size. Primates of Western Uganda. Edited by NE Newton-Fisher, H Notman, V Reynolds, and J Paterson. Springer, New York, pp. 209-226.

Other Scholarly Works

2021 Emery Thompson, M. Primate Reproduction: When timing is everything [Dispatch]. Current Biology 31: R9-R13.

2019 Emery Thompson, M and Z Machanda. The Kibale Chimpanzee Project: A case study of the benefits and challenges of long-term field studies as a platform for longitudinal aging research. Working paper commissioned by the National Institute on Aging.

2019 Emery Thompson, M. Book Review: “The New Chimpanzee: A Twenty-First Century Portrait of Our Closest Kin” (Craig Stanford, Harvard University Press, 2018, 260 pp.), Quarterly Review of Biology 94: 86-87.

2019 Emery Thompson, M. Book Review: “The Mandrill: A Case of Extreme Sexual Selection” (Alan F. Dixson. 2015/paperback 2018, Cambridge University Press, 276 pp.) American Journal of Primatology 81: e22946.

2019 Gangestad, S, M del Giudice, N Grebe, M Emery Thompson, T Dinh. Psychological cycle shifts redux, once again: response to Stern et al., Roney, Jones et al., and Higham. Evolution and Human Behavior 40: 537-542.

2018 Gangestad, SW, T Dinh, NM Grebe, K Gildersleeve, M Emery Thompson, MG Haselton. Are ovulatory shifts in women’s mate preferences robust? Selection models say it depends. Preregistered study, Journal of Personality and Social Psychology: Interpersonal Relations and Group Processes.

2018 Emery Thompson, M. A thousand ways to build a baby. Book Review: “Reproduction in Mammals: The Female Perspective”, by V Hayssen and TJ Orr. Evolutionary Anthropology 27: 134-136.

2015 Emery Thompson, M, ZP Machanda, MN Muller, and RW Wrangham. Stress, aging, and the social chimpanzee. Commissioned manuscript for the National Institutes of Health and National Institute on Aging.

2014 Emery Thompson, M. Sexual conflict: Nice guys finish last [Dispatch]. Current Biology 24: R1125-1127.

2014 Emery Thompson, M. Book Review: “Evolution and Human Sexual Behavior”, by P Gray and J Garcia. Journal of Anthropological Research 70: 138-139.

2012 Emery Thompson, M. Book Review: “Games Primates Play: An Undercover Investigation of the Evolution and Economics of Human Relationships”, by D Maestriperi. Human Nature: An Interdisciplinary Perspective 23: 250-252.

2012 Emery Thompson, M. Book Review: “How Culture Makes Us Human: Primate Social Evolution and the Formation of Human Societies”, by D Read. Journal of Anthropological Research 68: 434-435.

Works in Progress

- Accepted for Publication

Knott, CD, B Barrow, M Bastian, TW Susanto, A Blackburn, T Breeden, A DiGiorgio, C Freund, V Gehrke, A Granados, E Hill, P Kanisius, N Robinson, A Scott, K Scott, C O’Connell, G Campbell-Smith, I Sumardi, T Mitra Setia, E Setiawan, E Sulidra, M Emery Thompson, and E Kane. The Gunung Palung Orangutan Project: Twenty-five years of research and conservation. Biological Conservation 252. *Accepted 10/2020*

Emery Thompson, M. Expected 2021. Diet and the energetics of reproduction. Diet and the Energetics of Foraging. Edited by JE Lambert and J Rothman. University of Chicago Press. *Accepted 9/2017*.

Pontzer, H, MH Brown, BM Wood, DA Raichlen, J Harris, H Dunsworth, B Hare, K Walker, A Luke, LR Dugas, R Durazo-Arvizu, D Schoeller, J Plange-Rhule, P Bovet, TE Forrester, EV Lambert, M Emery Thompson, RW Shumaker, J Rothman, E Vogel, SS Urlacher, D Reuter, SR Ross. Evolution of water conservation in humans. Current Biology, *Accepted 1/2021*.

Sabbi, K, M Emery Thompson, ZP Machanda, E Otali, RW Wrangham, and MN Muller. Males experience more early life aggression than females in wild chimpanzees (*Pan troglodytes schweinfurthii*). PNAS, *Accepted 1/2021*.

- Submitted for Publication

Reese, AT, K Chadaideh, C Diggins, M Beckel, P Callahan, R Ryan, M Emery Thompson, R Carmody. Effects of domestication on the gut microbiota parallel those of human industrialization. *Revision submitted, eLife, 6/2020*.

Kalbitzer, U, ML Bergstrom, FA Campos, SD Carnegie, M Emery Thompson, KM Jack, AD Melin, LM Fedigan. Which aspects of female social integration best explain context-dependent variation in infant survival? *Submitted to Journal of Animal Ecology 9/2019*.

Kavanagh, E, S Street, FO Angwela, TJ Bergman, MB Blaszczyk, LM Bolt, M Briseno-Jaramillo, M Brown, C Chen-Kraus, Z Clay, C Coye, M Emery Thompson, A Estrada, B Fruth, C Fichtel, M Gamba, C Giacomini, KE Graham, S Green, C Grueter, S Gupta, ML Gustison, L Hagberg, D Hedwig, KM Jack, PM Kappeler, G King-Bailey, B Kubenova, A Lemasson, DM Inglis, Z Machanda, A MacIntosh, B Majolo, S Marshall, S Mercier, J Micheletta, M Muller, H Notman, K Ouattara, J Ostner, MSM Paverlka, LR Peckre, M Petersdorf, F Quintero, G Ramos-Fernandez, MM Robbins R Salme, I Schamberg, O Schulke, S Semple, JB Silk, JR Sosa-Lopez,

V Torti, D Valente, R Ventura, E van de Waal, AH Weyher, C Wilke, R Wrangham, C Young, A Zanolli, K Zuberbuhler, A Lemeira, K Slocombe. Dominance style is a key predictor of vocal use and evolution across nonhuman primates. *Submitted to Proceedings of the Royal Society of London B: Biological Sciences*.

Trumble, BC, H Pontzer, J Stieglitz, DK Cummings, B Wood, M Emery Thompson, D Raichlen, B Beheim, G Yetish, H Kaplan, M Gurven. Testosterone is associated with higher energetic expenditure in a physically active subsistence ecology. *Submitted Royal Society Open Science, 2/2020*.

Muller, MN, DK Enigk, SA Fox, L Hagberg, Z Machanda, RW Wrangham, and M Emery Thompson. Stress and the chronic costs of status competition in male chimpanzees. *In revision Hormones and Behavior, 12/2020*

Colchero, F, SC Alberts, JM Aburto, EA Archie, C Boesch, T Breuer, FA Campos, A Collins, DA Conde, M Cords, C Crockford, M Emery Thompson, LM Fedigan, C Fichtel, M Groenenberg, C Hobaiter, PM Kappeler, RR Lawler, RJ Lewis, Z Machanda, ML Manguette, M Muller, C Packer, RJ Parnell, S Perry, AE Pusey, MM Robbins, R Seyfarth, JB Silk, J Staerk, TS Stoinski, EJ Stokes, KB Strier, SC Strum, J Tung, JW Vaupel, F Villavicencio, R Wittig, R Wrangham. The evolutionary landscape of primate longevity. *Submitted, Nature Communications, 12/2020*

Schneider-Crease, I, AD Blackwell, TS Kraft, M Emery Thompson, I Maldonado Suarez, DK Cummings, J Stieglitz, H Kaplan, N Snyder-Mackler, M Gurven, BC Trumble. Helminth parasitism inhibits cytokine responses to viral and bacterial stimulations in a subsistence population in Bolivia. *Submitted, PLOS Neglected Tropical Diseases, 8/2020*

Enigk, DE, M Emery Thompson, ZP Machanda, E Otali, RW Wrangham, and MN Muller. Female-directed aggression by adolescent male chimpanzees constitutes dominance-striving, not sexual coercion. *Revision submitted, American Journal of Physical Anthropology, 1/2021*.

Grebe, NM, M Emery Thompson, S Gangestad. Oxidative stress and the differential expression of traits associated with mating effort in humans. *In revision, Evolution and Human Behavior, 11/2020*.

Starkweather, K, M Emery Thompson, S Prall, M Keith. Does paternal care matter? Measuring the impact of Shodagor fathers' direct care on child growth. Invited contribution to special issue on Comparative Perspectives on Paternal Effects. *In revision, Developmental Psychobiology*.

- **In preparation**

Roney, J, M Emery Thompson, R Grillot, A Eisenbruch. Hormone responses to initial social interactions: endocrine signatures of human romantic attraction. *Full draft, anticipated submission to Evolution and Human Behavior*.

Invited or Refereed Abstracts and/or Presentations at Professional Meetings

- Invited Lectures

Evolutionary Medicine. Queen's College, Ontario. March 29, 2021.

Aging Science Talks. Paul F. Glenn Center for Biology of Aging Research, Harvard Medical School. March 23, 2021.

Lesser Apes? What can female apes tell us about social relationships? Invited contribution to Gender Studies Roundtable: Understanding relationships among females through evolutionary biology – toward gender parity. University of the Ryukyus, Japan (presented virtually). February 21, 2021.

Successful aging in the forest?: how wild chimpanzees can help us understand the evolution of human aging. Club EvMed, International Society for Evolutionary Medicine and Public Health. Online lecture and discussion. January 28, 2021.

Evolution Demography of the Great Apes (w/K Sabbi). University of California at Berkeley Demography Brown Bag. December 2, 2020.

Kibale Chimpanzee Project: 30 Years of Research, Conservation, and Change. Guest lecture: Boston University Biology Department. October 14, 2020.

Aging in the Forest: Insights on the Evolution of Human Aging from our Closest Relatives. Penn State University, Anthropology Colloquium Series. October 8, 2020.

The Invisible Costs of Lactation in Wild Chimpanzees. Advances in Primate Nutritional Ecology, Health, and Energetics Workshop. Rutgers University, NJ. October 23-25, 2019.

Hormones, Behavior, and Life History in Wild Chimpanzees of Kanyawara. Symposium on 40 years of Research at the Tai Chimpanzee Project. Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany. May 29-31, 2019.

Chimpanzees and the Evolution of Human Life History. Anthropology Colloquium Series, University of California, Davis, May 6, 2019.

Lesser Apes? What can female chimpanzees tell us about human evolution? Maxwell Museum Ancestors Lecture, University of New Mexico, January 13, 2019.

Chimpanzees and the Evolution of Human Life History. Stony Brook University Behavioral Ecology Group, April 20, 2018.

Chimpanzees and the Evolution of Human Life History. University of Michigan Department of Anthropology, March 5, 2018.

The secret lives of female chimpanzees. Explorer Series. Cleveland Museum of Natural History, February 18, 2018.

Expressions of matriliney in non-human primates. Invited Lecture, Interdisciplinary workshop: The Dynamics in Matrilineal Kinship Systems, University of New Mexico. February 4-5, 2017.

Invited Lecture, German Primate Research Center, Gottingen, Germany. November 24, 2016.

Life history tradeoffs in chimpanzees. Invited Lecture, University of Chicago Department of Organismal Biology and Anatomy. August 17, 2016.

The secret lives of female chimpanzees. Invited Lecture, Leakey Foundation/Chicago Center for Science & Technology, Chicago, IL. August 17, 2016.

Chimpanzee reproduction in context: a lifespan perspective. Chimpanzees in Context Symposium, Lincoln Park Zoo, Chicago, IL. August 18-20, 2016.

Life history tradeoffs in wild chimpanzees. New York Consortium in Evolutionary Primatology, New York, NY. May 21, 2016.

On less fertile ground: chimpanzee life histories in context. UCLA Center for Behavior, Evolution and Culture, Los Angeles, CA. November 23, 2015.

Magistral (Keynote Address): The secret lives of female chimpanzees. 5th Mexican Congress of Primatology, Veracruz, Mexico. June 29, 2015.

On less fertile ground: chimpanzee life histories in context. University of California Santa Barbara, Broom Center for Demography, Santa Barbara, CA. June 1, 2015.

On less fertile ground: chimpanzee life histories in context. University of Utah colloquium series, Salt Lake City, UT. April 23, 2015.

On less fertile ground: chimpanzee life histories in context. Arizona State University speaker series, Tempe, AZ. April 17, 2015.

Advances in the study of primate energetics. Universidad Veracruzana, Veracruz, Mexico. November 20-21, 2014.

Chimpanzees and the evolution of human life history. Duke University Evolutionary Anthropology Department seminar, Durham, NC. March 7, 2014.

Chimpanzees and the evolution of human life history. University of Arizona School of Anthropology, Distinguished Speaker Series, Tucson, AZ. March 21, 2013.

Chimpanzees and the evolution of human life history. Harvard University Department of Human Evolutionary Biology, Cambridge, MA. February 21, 2013.

Chimpanzees and the evolution of human life history. University of New Mexico Department of Anthropology, Albuquerque, NM. February 18, 2013.

Chimpanzees and the evolution of human life history. University of Chicago Department of Comparative Human Development, Chicago, IL. October 3, 2012.

The Future of Science and Conservation. Leakey Foundation Trustees' Dinner, San Francisco, CA. October 14, 2010.

The hidden lives of female apes. Evolutionary Studies (EvoS) Program, Binghamton University, Binghamton, NY. May 7, 2010.

Darwin Keynote Speaker: Hormones and the hidden lives of female apes. 3rd Annual Women in Science Speaker, Indiana State University, Terra Haute, IN. February 23, 2010.

Reproductive aging in chimpanzees. Primate Research Institute, University of Kyoto, Inuyama, Japan. November 19, 2008.

The ecology of reproduction in chimpanzees. University of New Mexico Department of Anthropology, Albuquerque, NM, April 24, 2008.

Determinants of reproductive success in wild chimpanzees. Yale University Department of Anthropology, New Haven, CT. November 16, 2006.

Ovarian hormones in wild chimpanzees: the role of hormones in sex and conception. Anthropology Day, Harvard University, Cambridge, MA. September 4, 2004.

Reproductive endocrinology of chimpanzees. Howard Hughes Medical Institute, Birmingham, AL, November 10, 2003.

- Conference Abstracts

Emery Thompson, M, SA Fox, A Berghaenel, K Sabbi, S Phillips-Garcia, DK Enigk, E Otali, ZP Machanda, MN Muller, RW Wrangham. Aging of the hypothalamic-pituitary-adrenal axis in wild chimpanzees. Podium paper accepted for presentation to American Association of Physical Anthropologists 89th meeting (Conference cancelled due to COVID-19). American Journal of Physical Anthropology 171(S69): 80.

Brown, M, M Emery Thompson. Redefining what it means to win an intergroup conflict among red-tailed monkeys (*Cercopithecus ascanius*) in Kibale National Park, Uganda. Podium paper accepted for presentation to American Association of Physical Anthropologists 89th meeting (Conference cancelled due to COVID-19). American Journal of Physical Anthropology 171(S69): 38.

AZ Reynolds, SM Mattison, M Emery Thompson, PL Hooper, KE Starkweather, C-Y Sum, S Mingjie, L Hui, T Blumenfeld, MK Shenk, K Wander. Matriline predicts lower inflammation for women in the Mosuo of Southwest China. Podium paper accepted for presentation to American Association of Physical Anthropologists 89th meeting (Conference cancelled due to COVID-19). American Journal of Physical Anthropology 171(S69): 233.

Cole, MF, M Emery Thompson, J Rukundo, S Fernandez-Navarro, R Atencia, TL Goldberg, AG Rosati. Healthy blood lipid profiles in wild-born chimpanzees (*Pan troglodytes*) are associated with low adiposity and inflammation. Podium paper accepted for presentation to American Association of Physical Anthropologists 89th meeting (Conference cancelled due to COVID-19). American Journal of Physical Anthropology 171(S69): 55.

Thompson, NA, E Oтали, ZP Machanda, MN Muller, RW Wrangham, M Emery Thompson. Urinary markers of oxidative stress respond to infection and aging in wild chimpanzees. Podium paper accepted for presentation to American Association of Physical Anthropologists 89th meeting (Conference cancelled due to COVID-19). American Journal of Physical Anthropology 171(S69): 283.

Sabbi, KH, M Emery Thompson. The crash-weaning diet: two case studies on the consequences of unusually early and fast weaning of East African chimpanzees (*Pan troglodytes schweinfurthii*). Poster accepted for presentation to American Association of Physical Anthropologists 89th meeting (Conference cancelled due to COVID-19). American Journal of Physical Anthropology 171(S69): 243.

Steinitz, R, M Emery Thompson, M Brown. Red-tailed monkeys (*Cercopithecus ascanius*) employ both behavioral and physiological strategies to overcome seasonal hardship. Poster accepted for presentation to American Association of Physical Anthropologists 89th meeting (Conference cancelled due to COVID-19). American Journal of Physical Anthropology 171(S69): 274.

Thompson, NA, E Oтали, Z Machanda, M Muller, R Wrangham. Urinary markers of oxidative stress correspond to infection and aging in wild chimpanzees. Poster: Gerontological Society of America, Austin, TX. Nov 13-17, 2019. Innovation in Aging 3: S896.

Emery Thompson, M, ZP Machanda, A Rosati, MN Muller, RW Wrangham. Do shorter lifespans in chimpanzees mean that they age less well than humans? Podium paper: International Society for Evolution, Medicine, and Public Health, Zurich, Switzerland. August 13-16, 2019.

Owens, L, S Friant, S Phillips-Garcia, M Emery Thompson, T Goldberg. Parasites detected by metagenomic barcoding both confirm microscopy and identify additional organisms. Poster: American Society of Tropical Medicine and Hygiene, New Orleans, LA. October 28-November 1, 2019. American Journal of Tropical Medicine and Hygiene 99: 616.

Melvin, Z, S Winters, J Higham, D Maestriperi, M Emery Thompson, A Georgiev. Does sexually attractive facial colouration in rhesus macaques reflect their ability to cope with oxidative stress? Poster: Ecology and Behaviour Society, Toulouse, France. May 19-24, 2019.

Emery Thompson, M, ZP Machanda, E Otali, MN Muller, RW Wrangham. Physical frailty, aging, and mortality in wild chimpanzees. Podium paper: American Association of Physical Anthropologists 88th meeting, Cleveland, OH. March 27-30, 2019. American Journal of Physical Anthropology 168(S68): 69.

Muller, MN, M Emery Thompson, DK Enigk, L Hagberg, ZP Machanda, K Sabbi, RW Wrangham. Aggression, coalition formation, and aging in wild chimpanzees. Podium paper: American Association of Physical Anthropologists 88th meeting, Cleveland, OH. March 27-30, 2019. American Journal of Physical Anthropology 168(S68): 171.

Phillips-Garcia, S, TL Goldberg, MN Muller, ZP Machanda, S Friant, E Otali, J Carag, KE Langergraber, JC Mitani, RW Wrangham, M Emery Thompson. Trade-offs between reproduction and immunity in wild female chimpanzees (*Pan troglodytes schweinfurthii*) of Kibale National Park, Uganda. Podium paper: American Association of Physical Anthropologists 88th meeting, Cleveland, OH. March 27-30, 2019. American Journal of Physical Anthropology 168(S68): 191.

Kalbitzer, U, ML Bergstrom, FA Campos, SD Carnegie, M Emery Thompson, KM Jack, AD Melin, LM Fedigan. Podium paper: American Association of Physical Anthropologists 88th meeting, Cleveland, OH. March 27-30, 2019. American Journal of Physical Anthropology 168(S68): 118.

Goldberg, TL, S Basnet, M Emery Thompson, JE Gern, KA Grindle, KE Langergraber, Z Machanda, JC Mitani, MN Muller, JD Negrey, E Otali, L Owens, AC Palmenberg, TE Pappas, S Phillips-Garcia, RB Reddy, EJ Scully, RW Wrangham. Chimpanzee revers zoonoses: Unfortunate natural experiments in great ape comparative medicine and demography. Podium paper: American Association of Physical Anthropologists 88th meeting, Cleveland, OH. March 27-30, 2019. American Journal of Physical Anthropology 168(S68): 88.

Machanda, ZP, A Rosati, L Hagberg, E Otali, M Emery Thompson, M Muller, R Wrangham. Podium paper: Changing social relationship among aging male chimpanzees. Podium paper: American Association of Physical Anthropologists 88th meeting, Cleveland, OH. March 27-30, 2019. American Journal of Physical Anthropology 168(S68): 149.

Sabbi, KH, MN Muller, ZP Machanda, E Otali, RW Wrangham, M Emery Thompson. Sex differences in adrenal hormone production throughout development among Kanyawara chimpanzees (*Pan troglodytes schweinfurthii*) at Kibale National Park, Uganda. Podium paper: American Association of Physical Anthropologists 88th meeting, Cleveland, OH. March 27-30, 2019. American Journal of Physical Anthropology 168(S68): 213.

Enigk, D, M Emery Thompson, ZP Machanda, E Otali, RW Wrangham, MN Muller. Competitive ability complements coalition formation in wild chimpanzees. Podium paper:

American Association of Physical Anthropologists 88th meeting, Cleveland, OH. March 27-30, 2019. American Journal of Physical Anthropology 168(S68): 70.

Emery Thompson, M, ZP Machanda, EJ Scully, D Enigk, E Oтали, MN Muller, TL Goldberg, C Chapman, RW Wrangham. Poster: American Association of Physical Anthropologists 87th meeting, Austin, TX. April 11-15, 2018. American Journal of Physical Anthropology 165(S66): 77.

Muller, MN, M Emery Thompson, BH Hahn, KE Langergraber, EJ Scully, L Vigilant, RW Wrangham, EE Wroblewski, AE Pusey. Male mating competition and sexual dimorphism in the duration of effective breeding in wild chimpanzees. Podium paper: American Association of Physical Anthropologists 87th meeting, Austin, TX. April 11-15, 2018. American Journal of Physical Anthropology 165(S66): 184.

Enigk, DK, M Emery Thompson, ZP Machanda, E Oтали, RW Wrangham, MN Muller. The development of male-female dominance relationships in wild chimpanzees. Podium paper: American Association of Physical Anthropologists 87th meeting, Austin, TX. April 11-15, 2018. American Journal of Physical Anthropology 165(S66): 78-79.

Sabbi, KH, M Emery Thompson, ZP Machanda, RW Wrangham, and MN Muller. Immature male chimpanzees receive higher rates of aggression compared to females. Podium paper: American Association of Physical Anthropologists 87th meeting, Austin, TX. April 11-15, 2018. American Journal of Physical Anthropology 165(S66): 236.

Bransford, TD, M Emery Thompson, DJ Naumenko, MA van Noordwijk, S Utami-Atmoko, ER Vogel. Variables influencing cortisol levels during motherhood in wild Bornean orangutans. Poster: American Association of Physical Anthropologists 87th meeting, Austin, TX. April 11-15, 2018. American Journal of Physical Anthropology 165(S66): 35.

Fox, SA, ZP Machanda, MN Muller, E Oтали, RW Wrangham, M Emery Thompson. Wild female chimpanzees are more social and feed less often when they have young infants. Podium paper: American Association of Physical Anthropologists 87th meeting, Austin, TX. April 11-15, 2018. American Journal of Physical Anthropology 165(S66): 89.

Phillips-Garcia, S, M Emery Thompson, MN Muller, ZP Machanda, E Scully, E Oтали, TL Goldberg, RW Wrangham, P Parham, E Wroblewski. Podium paper: American Association of Physical Anthropologists 87th meeting, Austin, TX. April 11-15, 2018. *Winner of the American Association of Anthropological Genetics' Student Prize*. American Journal of Physical Anthropology 165(S66): 207.

Emery Thompson, M, ZP Machanda, S Phillips-Garcia, E Oтали, MN Muller, and RW Wrangham. Longitudinal changes in diet and reproduction among wild chimpanzees at Kanyawara, Kibale National Park. Podium paper: American Association of Physical Anthropologists 86th meeting, New Orleans, LA. April 19-22, 2017. American Journal of Physical Anthropology 162(S64): 172-173.

Enigk, DK, M Emery Thompson, ZP Machanda, RW Wrangham, and MN Muller. Adolescent male aggression towards adult females represents dominance striving, not sexual coercion, in wild chimpanzees. Podium paper: American Association of Physical Anthropologists 86th meeting, New Orleans, LA. April 19-22, 2017. American Journal of Physical Anthropology 162(S64): 173.

Sabbi, K, M Emery Thompson, MN Muller, ZP Machanda, and RW Wrangham. Attention to social grooming among immature East African chimpanzees (*Pan troglodytes schweinfurthii*) of the Kanyawara community at Kibale National Park. Podium paper: American Association of Physical Anthropologists 86th meeting, New Orleans, LA. April 19-22, 2017. *Awarded Ales Hrdlicka Prize for Exemplary Student Presentation*. American Journal of Physical Anthropology 162(S64): 342.

Bransford, T, M Emery Thompson, DJ Naumenko, AM Moldawer, AJ Pritchard, MA van Noordwijk, S Utami Atmoko, and ER Vogel. Does the energetic status of wild orangutan mothers vary with infant age? Poster: American Association of Physical Anthropologists 86th meeting, New Orleans, LA. April 19-22, 2017. American Journal of Physical Anthropology 162(S64): 128-129.

Vogel, ER, TD Bransford, SE Alavi, M Emery Thompson, BE Crowley, WM Erb, MA van Noordwijk, S Utami Atmoko, D Raubenheimer, and JM Rothman. The power of protein: protein regulation, energetics, and health in wild Bornean orangutan (*Pongo pygmaeus wurmbii*). Podium paper: American Association of Physical Anthropologists 86th meeting, New Orleans, LA. April 19-22, 2017. American Journal of Physical Anthropology 162(S64): 397.

Machanda, ZP, M Emery Thompson, E Oтали, MN Muller, and RW Wrangham. Maternal effects on the development of sex differences in sociality among wild chimpanzees (*Pan troglodytes schweinfurthii*). Podium paper: American Association of Physical Anthropologists 86th meeting, New Orleans, LA. April 19-22, 2017. American Journal of Physical Anthropology 162(S64): 270-271.

Emery Thompson, M, K Langergraber, ZP Machanda, MN Muller, E Oтали, RW Wrangham. Age-related changes in social interactions in East-African chimpanzees (*Pan troglodytes schweinfurthii*). Invited paper: 26th Congress of the International Primatological Society/39th Meeting of the American Society of Primatologists, Chicago, IL. August 21-27, 2016.

Pontzer, H, MH Brown, M Emery Thompson, and SR Ross. Chimpanzee energetics, ecology, and evolution. Invited poster: Chimpanzees in Context Symposium, Lincoln Park Zoo, Chicago, IL. August 18-20, 2016.

Wellens, KR, J Bray, CM Murray, MA Stanton, M Emery Thompson, EV Lonsdorf, RW Wrangham, ZP Machanda. Comparative patterns of feeding development in wild chimpanzees at Kibale National Park, Uganda, and Gombe National Park, Tanzania. Invited paper: 26th Congress of the International Primatological Society/39th Meeting of the American Society of Primatologists, Chicago, IL. August 21-27, 2016.

McCabe, GM, M Emery Thompson, C Ehardt, T Gillespie. Trade-offs between reproduction and parasitism in wild female Sanje mangabeys (*Cercocebus sanjei*). Podium paper: 26th Congress of the International Primatological Society/39th Meeting of the American Society of Primatologists, Chicago, IL. August 21-27, 2016.

Gilby, IC, ZP Machanda, RC O'Malley, CM Murray, DC Mjingu, K Schroepfer-Walker, E Otali, MN Muller, M Emery Thompson, RW Wrangham, AE Pusey. Sex differences in meat acquisition in three wild chimpanzee communities. Invited paper: 26th Congress of the International Primatological Society/39th Meeting of the American Society of Primatologists, Chicago, IL. August 21-27, 2016.

Foerster, S, ZP Machanda, P Bertolani, J Rosen, M Emery Thompson, CM Murray, MN Muller, RW Wrangham, AE Pusey. Population differences in space use overlap and its influence on sociality among female chimpanzees (*Pan troglodytes schweinfurthii*): A systematic comparison between Gombe and Kanyawara. Invited paper: 26th Congress of the International Primatological Society/39th Meeting of the American Society of Primatologists, Chicago, IL. August 21-27, 2016.

Machanda, ZP, M Emery Thompson, MN Muller, RW Wrangham. Maternal effects on the development of sex differences in association among wild chimpanzees (*Pan troglodytes schweinfurthii*). Podium paper: 26th Congress of the International Primatological Society/39th Meeting of the American Society of Primatologists, Chicago, IL. August 21-27, 2016.

Enigk, DK, M Emery Thompson, ZP Machanda, RW Wrangham, MN Muller. Competitive constraints on subadult male chimpanzee association patterns at Kanyawara, Kibale National Park, Uganda. Invited paper: 26th Congress of the International Primatological Society/39th Meeting of the American Society of Primatologists, Chicago, IL. August 21-27, 2016.

Sabbi, K, M Emery Thompson, MN Muller. Unlike human children, both male and female wild East African chimpanzees (*Pan troglodytes schweinfurthii*) at Kanyawara prefer male play partners. Invited paper: 26th Congress of the International Primatological Society/39th Meeting of the American Society of Primatologists, Chicago, IL. August 21-27, 2016.

Boehm, E, M Emery Thompson, ZP Machanda, MN Muller, E Otali, RW Wrangham, AE Pusey. Postconception swellings in wild chimpanzees at Kanyawara and Gombe. Invited paper: 26th Congress of the International Primatological Society/39th Meeting of the American Society of Primatologists, Chicago, IL. August 21-27, 2016.

Georgiev, AV, M Emery Thompson, D Christie, KA Rosenfield, A Ruiz-Lambides, E Maldonado, D Maestriperi. Correlates of androgen levels in male rhesus macaques (*Macaca mulatta*) during a mating season following a direct take-over of the alpha position on Cayo Santiago. Podium paper: 26th Congress of the International Primatological Society/39th Meeting of the American Society of Primatologists, Chicago, IL. August 21-27, 2016.

Wilke, C, E Donnellan, Z Machanda, MN Muller, M Emery Thompson, RW Wrangham, and KE Slocombe. Are more communicative chimpanzees (*Pan troglodytes schweinfurthii*) also more

cooperative? Podium paper: 26th Congress of the International Primatological Society/39th Meeting of the American Society of Primatologists, Chicago, IL. August 21-27, 2016.

Alvarado, LC, MN Muller, M Emery Thompson, M Klimek, I Nenko, G Jasienska. Men's reproductive ecology and diminished hormonal regulation of skeletal muscle phenotype: an analysis of between- and within-individual variation among rural Polish men. Podium paper: American Association of Physical Anthropologists 85th annual meeting, Atlanta, GA. April 13-16, 2016. American Journal of Physical Anthropology 159 S62: 78.

Boehm, EE, AE Pusey, Z Machanda, MN Muller, E O'tali, R Wrangham, and M Emery Thompson. Hormonal correlates of sexual swellings during pregnancy in wild chimpanzees (*Pan troglodytes schweinfurthii*) of Kanyawara and Gombe. Podium paper: American Association of Physical Anthropologists 85th annual meeting, Atlanta, GA. April 13-16, 2016. American Journal of Physical Anthropology 156 S60: 98.

Chalk, J, ER Vogel, CE Wall, P Izar, and M Emery Thompson. Quantifying urinary C-peptide levels in wild tufted capuchins: a validation of filter paper storage methods. Podium paper: American Association of Physical Anthropologists 85th annual meeting, Atlanta, GA. April 13-16, 2016. American Journal of Physical Anthropology 156 S60: 112.

Gilby, IC, ZP Machanda, RC O'Malley, CM Murray, DC Mjungu, E O'tali, MN Muller, M Emery Thompson, W Wrangham, AE Pusey. Predation by female chimpanzees at Gombe and Kibale: toward an understanding of sex differences in meat acquisition. Podium paper: American Association of Physical Anthropologists 85th annual meeting, Atlanta, GA. April 13-16, 2016. American Journal of Physical Anthropology 156 S60: 154.

Milich, KM, AV Georgiev, R Petersen, M Emery Thompson, and D Maestripieri. Social status, seasonality, and stress: Variation in glucocorticoid concentrations of high-ranking male rhesus macaques (*Macaca mulatta*). Podium paper: American Association of Physical Anthropologists 85th annual meeting, Atlanta, GA. April 13-16, 2016. American Journal of Physical Anthropology 156 S60: 229.

Muller, MN, M Emery Thompson, BA Beheim, DK Enigk, M Gurven, K Sabbi, B Trumble, RW Wrangham, and HS Kaplan. Testosterone, musculature, and development in Kanyawara chimpanzees and Tsimane forager-horticulturalists. Podium paper: American Association of Physical Anthropologists 85th annual meeting, Atlanta, GA. April 13-16, 2016. American Journal of Physical Anthropology 156 S60: 236.

Emery Thompson, M, ZP Machanda, N Brazeau, MN Muller, and RW Wrangham. Tradeoffs between reproductive rate and offspring growth in wild chimpanzees. Invited paper: American Association of Physical Anthropologists 84th annual meeting, St. Louis, MO. March 25-29, 2015. American Journal of Physical Anthropology 156 S60: 128.

Vogel, E, JM Rothman, AM Moldawer, TD Bransford, M Emery Thompson, MA van Noordwijk, S Utami Atmoko, BE Crowley, CD Knott, WM Erb, D Raubenheimer. Coping with a challenging environment: nutritional balancing, health, and energetics in wild Bornean

orangutans. Podium paper: American Association of Physical Anthropologists 84th annual meeting, St. Louis, MO. March 25-29, 2015. American Journal of Physical Anthropology 156 S60: 314-315.

Erb, WM, MA van Noordwijk, T Mitra-Setia, TD Bransford, B Spillman, LP Dunkel, M Emery Thompson, and ER Vogel. Energetic effects on the long calls of adult male Bornean orangutans (*Pongo pygmaeus wurmbii*). Podium paper: American Association of Physical Anthropologists 84th annual meeting, St. Louis, MO. March 25-29, 2015. American Journal of Physical Anthropology 156 S60: 129.

Machanda, Z, NF Brazeau, E Castillo, E Otarola-Castillo, H Pontzer, M Emery Thompson, M Muller, and RW Wrangham. Musculoskeletal growth patterns in wild chimpanzees (*Pan troglodytes*). Podium paper: American Association of Physical Anthropologists 84th annual meeting, St. Louis, MO. March 25-29, 2015. American Journal of Physical Anthropology 156 S60: 209.

Georgiev, AP, MP Muehlenbein, SP Prall, M Emery Thompson, and D Maestripieri. Innate immune function and oxidative stress as measures of male quality in Cayo Santiago rhesus macaques. Podium paper: American Association of Physical Anthropologists 84th annual meeting, St. Louis, MO. March 25-29, 2015. American Journal of Physical Anthropology 156 S60: 143.

Brown, M and M Emery Thompson. Energy balance and stress responses correspond with individual participation by redtail monkeys in aggressive intergroup interactions. Podium paper: American Association of Physical Anthropologists 84th annual meeting, St. Louis, MO. March 25-29, 2015. American Journal of Physical Anthropology 156 S60: 94.

Emery Thompson, M. Sex and the stressed-out chimpanzee. Invited paper: Social Neuroendocrinology pre-conference, Society for Personality and Social Psychology, Long Beach, CA. February 26, 2015.

Emery Thompson, M, MN Muller, AV Georgiev, ZP Machanda, and RW Wrangham. Energetic and social constraints on the life histories of chimpanzees. Invited paper: 37th Meeting of the American Society of Primatologists, Atlanta, GA. September 12-15, 2014. American Journal of Primatology 76 Suppl 1: 48.

Emery Thompson, M, A Georgiev, K Sabbi, ZP Machanda, MN Muller, RW Wrangham. Primate energetics: Methods and practice. Invited paper: International Primatological Society 25th Congress, Hanoi, Vietnam. August 11-16, 2014.

Knott, CD and M Emery Thompson. The impact of food and energetic stress on the hormonal functioning and conservation viability of wild Bornean orangutans. Invited paper: International Primatological Society 25th Congress, Hanoi, Vietnam. August 11-16, 2014.

McCabe, G and M Emery Thompson. Energetics of nursing in Sanje mangabeys, *Cercocebus sanjei*. Podium paper: International Primatological Society 25th Congress, Hanoi, Vietnam. August 11-16, 2014.

Sabbi, K, M Emery Thompson, Z Machanda, MN Muller, and RW Wrangham. Chimpanzee play styles mirror adult social patterns. Podium paper: International Primatological Society 25th Congress, Hanoi, Vietnam. August 11-16, 2014.

Machanda, Z, S Ko, M Emery Thompson, E Oтали, S Kahlenberg, M Muller, and R Wrangham. The development of aggressive play behavior in wild chimpanzees. Podium paper: International Primatological Society 25th Congress, Hanoi, Vietnam. August 11-16, 2014.

Erb, W, MA van Noordwijk, T Mitra-Setia, TD Bransford, B Spillman, LP Dunkel, M Emery Thompson, ER Vogel. Do long calls indicate male energy status in Bornean orangutans (*Pongo pygmaeus wurmbii*)? Podium paper: International Primatological Society 25th Congress, Hanoi, Vietnam. August 11-16, 2014.

Enigk, D, M Emery Thompson, ZP Machanda, RW Wrangham, and MN Muller. Adolescent males are responsible for dyadic social interactions with adult males in wild chimpanzees (*Pan troglodytes schweinfurthii*) in Kibale National Park, Uganda. Podium paper: International Primatological Society 25th Congress, Hanoi, Vietnam. August 11-16, 2014.

Dinces, S, LN Rowell, JFL Pinner, SN Hile, M Emery Thompson, AC Tang, and RD Annett. Consistent familial warmth predicts child cortisol levels. Poster: Society of Biological Psychiatry 69th annual meeting, New York, NY. May 8-10, 2014.

Emery Thompson, M, BA Beheim, AD Blackwell, J Stieglitz, BC Trumble, M Gurven, H Kaplan. Immunosenescence in Tsimane forager-horticulturalists. Podium paper: American Association of Physical Anthropologists 83rd annual meeting, Calgary, Alberta, Canada. April 7-12, 2014. American Journal of Physical Anthropology 153 Suppl. 58: 114.

Enigk, DK, MN Muller, ZP Machanda, RW Wrangham, and M Emery Thompson. Increased preference for spatial association with adult males during adolescence in wild male chimpanzees. Podium paper: American Association of Physical Anthropologists 83rd annual meeting, Calgary, Alberta, Canada. April 7-12, 2014. American Journal of Physical Anthropology 153 Suppl. 58: 114-115.

Brown, M and M Emery Thompson. Strong group effects on energetic balance in redbellied monkeys (*Cercopithecus ascanius*). Podium paper: American Association of Physical Anthropologists 83rd annual meeting, Calgary, Alberta, Canada. April 7-12, 2014. American Journal of Physical Anthropology 153 Suppl. 58: 86.

Vogel, ER, TD Bransford, AM Moldawer, MA van Noordwijk, S Utami Atmoko, M Emery Thompson, and CD Knott. Do Bornean orangutans (*Pongo pygmaeus wurmbii*) in a peat-swamp habitat experience energetic stress during periods of fruit scarcity? Podium paper: American

Association of Physical Anthropologists 83rd annual meeting, Calgary, Alberta, Canada. April 7-12, 2014. American Journal of Physical Anthropology 153 Suppl. 58: 262.

Muller, MN, SM Kahlenberg, M Emery Thompson, and RW Wrangham. Male sexual coercion and female mating preferences in wild chimpanzees. Podium paper: American Association of Physical Anthropologists 83rd annual meeting, Calgary, Alberta, Canada. April 7-12, 2014. American Journal of Physical Anthropology 153 Suppl. 58: 191.

Sabbi, K, M Emery Thompson, M Muller, and RW Wrangham. Patterns of cortisol excretion and social behavior among juvenile chimpanzees (*Pan troglodytes schweinfurthii*) of the Kanyawara community at Kibale National Park. Podium paper: American Association of Physical Anthropologists 83rd annual meeting, Calgary, Alberta, Canada. April 7-12, 2014. American Journal of Physical Anthropology 153 Suppl. 58: 227.

Alvarado, LC, MN Muller, M Emery Thompson, M Klimek, I Nenko, and G Jasienska. Seasonal fluctuation of men's testosterone levels and body composition in rural Poland. Podium paper: American Association of Physical Anthropologists 83rd annual meeting, Calgary, Alberta, Canada. April 7-12, 2014. American Journal of Physical Anthropology 153 Suppl. 58: 65-66.

Machanda, ZP, M Emery Thompson, MN Muller, and RW Wrangham. Sex differences in the development of long-term association patterns among wild chimpanzees (*Pan troglodytes schweinfurthii*). Podium paper: American Association of Physical Anthropologists 83rd annual meeting, Calgary, Alberta, Canada. April 7-12, 2014. American Journal of Physical Anthropology 153 Suppl. 58: 65-173.

Rowell, LN, S Dinces, S Hile, J Pinner, M Emery Thompson, S Erickson, and R Annett. Internalizing behavior and hypothalamic-pituitary-adrenal axis functioning in children with mild/moderate asthma. Poster: Society of Pediatric Psychology, Philadelphia, PA. March 27-29, 2014.

Dinces, SM, LN Rowell, SN Hile, M Emery Thompson, AC Tang, SJ Erickson, and RD Annett. Hypothalamic-pituitary-adrenal axis function predicts child neuropsychological functioning at 3 year follow up. Poster: International Neuropsychological 42nd annual meeting, Seattle, WA. February 12-15, 2014. Journal of the International Neuropsychological Society 20 Suppl. 1: 12.

Machanda, ZP, S Ko, M Emery Thompson, E Otali, SM Kahlenberg, MN Muller and RW Wrangham. The development of aggressive play behavior in wild chimpanzees. Podium paper: American Association of Physical Anthropologists 82nd annual meeting, Knoxville, TN, April 9-13, 2013. American Journal of Physical Anthropology 150 (S56): 184.

Emery Thompson, M, ZP Machanda, MN Muller, SM Kahlenberg and RW Wrangham. Context of copulation calls in wild chimpanzees. Podium paper: American Association of Physical Anthropologists 82nd annual meeting, Knoxville, TN, April 9-13, 2013. American Journal of Physical Anthropology 150 (S56): 119.

Georgiev, A, M Emery Thompson, MN Muller and RW Wrangham. Physiological costs of dominance and mating effort in male chimpanzees. Invited paper: American Association of Physical Anthropologists 82nd annual meeting, Knoxville, TN, April 9-13, 2013. American Journal of Physical Anthropology 150 (S56): 128.

Knott, CD and M Emery Thompson. Male bi-maturism and the costs of reproduction in wild Bornean orangutans. Invited paper: American Association of Physical Anthropologists 82nd annual meeting, Knoxville, TN, April 9-13, 2013. American Journal of Physical Anthropology 150 (S56): 170.

Emery Thompson, M, MN Muller, E Fitzgerald, and RW Wrangham. Variation in muscle mass among wild chimpanzees. Invited paper: International Primatological Society 24th Congress, Cancun, Mexico, August 12-17, 2012.

Knott, CD and M Emery Thompson. Testosterone and cortisol in the development of sexual bimaturism in orangutans. Invited paper: International Primatological Society 24th Congress, Cancun, Mexico, August 12-17, 2012.

Emery Thompson, M, MN Muller and RW Wrangham. Comparative energetics of reproduction in chimpanzees and humans. Joint podium paper: Animal Behavior Society and the Human Behavior & Evolution Society's 24th annual meeting, Albuquerque, NM. June 13-17, 2012.

Ackerman, JM, V Griskevicius, SM Cantú, JA Simpson, AW Delton, TE Robertson, M Emery Thompson, and JM Tybur. Contingent expression of fast and slow life history strategies. Podium paper: Human Behavior & Evolution Society's 24th annual meeting, Albuquerque, NM. June 13-17, 2012.

Kaplan, H, A Blackwell, J Stieglitz, P Hooper, M Emery Thompson, and M Gurven. Rapid depletion of naïve CD4 cells is associated with a compensatory increase in Natural Killer cells in a subsistence population under high pathogen stress. Podium paper: Human Behavior & Evolution Society's 24th annual meeting, Albuquerque, NM. June 13-17, 2012.

Alvarado, LC, M Emery Thompson, MN Muller, I Nenko & G Jasienska. Physiological consequences of parental effort and testosterone in rural Polish men. Podium paper: Human Behavior & Evolution Society's 24th annual meeting, Albuquerque, NM. June 13-17, 2012.

Georgiev, A, M Emery Thompson, MN Muller and RW Wrangham. Energetic costs of mating effort in wild chimpanzees. Podium paper: Animal Behavior Society 49th annual meeting, Albuquerque, NM, June 10-14, 2012.

Emery Thompson, M, MN Muller, E Fitzgerald, and RW Wrangham. Variation in muscle mass in wild chimpanzees: Application of a modified urinary creatinine method. Poster: American Association of Physical Anthropologists 81st annual meeting, Portland, OR. April 11-14, 2012. American Journal of Physical Anthropology 147 Suppl 54: 140.

McCabe, GM and M Emery Thompson. Nursing and maternal energy balance in wild Sanje mangabeys, *Cercocebus sanje*, in the Udzungwa Mountains, Tanzania. Podium paper: American Association of Physical Anthropologists 81st annual meeting, Portland, OR. April 11-14, 2012. American Journal of Physical Anthropology 147 Suppl 54: 207-208.

Knott, CD and M Emery Thompson. C-peptide and the costs of reproduction in Bornean orangutans. Podium paper: American Association of Physical Anthropologists 81st annual meeting, Portland, OR. April 11-14, 2012. American Journal of Physical Anthropology 147 Suppl 54: 184.

Muller, MN, M Emery Thompson, Z Machanda and RW Wrangham. Testosterone, development and aging in wild chimpanzees. Podium paper: American Association of Physical Anthropologists 81st annual meeting, Portland, OR. April 11-14, 2012. American Journal of Physical Anthropology 147 Suppl 54: 220.

Emery Thompson, M. Energetics and reproductive success in wild female chimpanzees. Invited paper: American Society of Primatologists 34th annual meeting, Austin, TX. September 16-19, 2011. American Journal of Primatology 73: 80.

Georgiev, A, AF Russell, M Emery Thompson, MN Muller and RW Wrangham. Presence of estrous females associated with reduced feeding time in male chimpanzees at Kanyawara (Uganda) regardless of their dominance rank. Podium paper: American Society of Primatologists 34th annual meeting, Austin, TX. September 16-19, 2011. American Journal of Primatology 73: 00.

Fernandez-Duque, E, S Evans, and M Emery Thompson. A lab-field approach to estimating the energetic costs of biparental care in owl monkeys. Podium paper: American Society of Primatologists 34th annual meeting, Austin, TX. September 16-19, 2011. American Journal of Primatology 73: 112.

Emery Thompson, M, MN Muller, E Fitzgerald & RW Wrangham. Energetic costs of reproduction in wild female chimpanzees. Podium paper: American Association of Physical Anthropologists 80th annual meeting, Minneapolis, MN. April 12-16, 2011. American Journal of Physical Anthropology 144 (S52): 293.

Emery Thompson, M, MN Muller, and RW Wrangham. C-peptide of insulin as a tool for tracking the costs of reproduction in wild chimpanzees. Invited paper: International Primatological Society 23rd Congress, Kyoto, Japan. September 12-18, 2010.

Knott, CD and M Emery Thompson. The energetic costs of being a flanged prime male orangutan: insights into the evolution of male bi-maturism. Invited paper: International Primatological Society 23rd Congress, Kyoto, Japan. September 12-18, 2010.

Emery Thompson, M, M Muller, N Newton-Fisher, I Gilby, S Kahlenberg, Z Machanda, K Zuberbühler, and R Wrangham. Inter- and intra-population variation in aggression by adult male chimpanzees. Podium paper: American Association of Physical Anthropologists 79th annual

meeting, Albuquerque, NM. April 14-17, 2010. American Journal of Physical Anthropology 141 (S50): 101.

MN Muller, M Emery Thompson, S Kahlenberg, RW Wrangham. Reproduction and resistance to stress in wild chimpanzees. Podium paper: American Association of Physical Anthropologists 79th annual meeting, Albuquerque, NM. April 14-17, 2010. American Journal of Physical Anthropology 141 (S50): 174.

Emery Thompson, M, SM Kahlenberg, MN Muller, and RW Wrangham. The dynamics of stress in female chimpanzees: interactions of social and ecological factors. Podium paper: American Association of Physical Anthropologists 78th annual meeting, Chicago, IL. April 1-4, 2009. American Journal of Physical Anthropology 138 Suppl 48: 124.

Muller, MN, M Emery Thompson, SM Kahlenberg, RW Wrangham. Male coercion and female choice in wild chimpanzees. Podium paper: American Association of Physical Anthropologists 78th annual meeting, Chicago, IL. April 1-4, 2009. American Journal of Physical Anthropology 138 Suppl 48: 196.

Emery Thompson, M. What hormones tell us about behavior in chimpanzees. Invited paper: 3rd HOPE International Symposium on Primate Origins of Human Evolution, Tokyo, Japan, November 16, 2008.

Knott, CD and M Emery Thompson. Urinary C-peptide of Insulin as a non-invasive measure of energy balance in wild orangutans. Invited paper: International Primatological Society 22nd Congress, Edinburgh, Scotland, August 3-8, 2008.

Stumpf, RM, M Emery Thompson, MN Muller, and RW Wrangham. Behavioral and hormonal context of female transfer in wild chimpanzees. Invited paper: International Primatological Society 22nd Congress, Edinburgh, Scotland, August 3-8, 2008.

Knott, CD, M Emery Thompson and RM Stumpf. Sexual coercion and mating strategies of wild Bornean orangutans. Podium paper: American Association of Physical Anthropologists 76th annual meeting, Philadelphia, PA, March 28-31, 2007. American Journal of Physical Anthropology Suppl. 44: 145.

Emery Thompson, M and RW Wrangham. Male and female influence on copulation timing in chimpanzees (*Pan troglodytes*) of the Kanyawara community, Kibale National Park. Invited paper: International Primatological Society 21st Congress, Entebbe, Uganda. June 25-30, 2006.

Stumpf, RM, M Emery Thompson and CD Knott. Female chimpanzee and orangutan mating strategies compared. Invited paper: International Primatological Society 21st Congress, Entebbe, Uganda. June 25-30, 2006.

Muller, MN, S Kahlenberg, M Emery Thompson and RW Wrangham. Male aggression against females and stress in wild chimpanzees. Invited paper: International Primatological Society 21st Congress, Entebbe, Uganda. June 25-30, 2006.

Knott, CD, RM Stumpf, S Kahlenberg and M Emery Thompson. Forced copulations and coercion in Bornean orangutans. Invited paper: International Primatological Society 21st Congress, Entebbe, Uganda. June 25-30, 2006.

Kahlenberg, SM, M Emery Thompson, IC Gilby & RW Wrangham. Female space use and competition in Kanyawara chimpanzees (*Pan troglodytes schweinfurthii*). Invited paper: International Primatological Society 21st Congress, Entebbe, Uganda. June 25-30, 2006.

Emery Thompson, M. Ovarian hormones and reproductive development in wild female chimpanzees (*Pan troglodytes schweinfurthii*). Podium paper: American Association of Physical Anthropologists 74th annual meeting, Milwaukee, WI, April 9, 2005. American Journal of Physical Anthropology 126 Suppl 40: 99.

Emery Thompson, M, RW Wrangham, V Reynolds and AE Pusey. Natural variation in ovarian function in East African chimpanzees (*Pan troglodytes schweinfurthii*): Non-invasive hormonal assessment in females from three study populations. Invited paper: American Society of Primatologists 27th annual meeting, Madison, WI. June 11, 2004. American Journal of Primatology 62 (S1): 122.

Santiago, M, M Lukasik, S Kamenya, Y Li, F Bibollet-Ruche, D Goldenberg, M Muller, M Emery, D Watts, R Wrangham, A Pusey, D Collins, J Goodall, G Shaw and B Hahn. SIVcpz prevalence and genetic diversity in wild communities of eastern chimpanzees. Podium paper: 10th Conference on Retroviruses and Opportunistic Infections, Boston, MA. February 10-14, 2003.

Contributed (un-refereed) Abstracts and/or Oral Presentations at Professional Meetings

Emery Thompson, M, ZP Machanda, EJ Scully, D Enigk, E Oтали, MN Muller, TL Goldberg, CA Chapman, RW Wrangham. Morbidity and mortality from respiratory infections in wild chimpanzees from Kanyawara, Kibale National Park, Uganda. Southwest Association of Biological Anthropologists meeting. San Diego, CA. November 4, 2017.

Emery Thompson, M. Expressions of matriliney in non-human primates. Paper presented to workshop on The Dynamics of Gender in Matrilineal Kinship Systems, University of New Mexico. February 4-5, 2017.

Emery Thompson, M. Center for Comparative Human and Primate Physiology (CHmPP). Lightning talk at the UNM Data-2-Knowledge Symposium, Sevilleta Field Station, New Mexico. September 23, 2016.

Emery Thompson, M. Behavioral endocrinology of chimpanzees. Paper presented to the Kibale 20th Anniversary Workshop on Long-term Research and Conservation, Makerere University Biological Field Station, Uganda. June 15, 2007.

Emery Thompson, M. Reproduction and residence patterns in female chimpanzees. Paper presented to the New England Biological Anthropology Symposium, Boston, MA, March 19, 2005.

Emery Thompson, M. Endocrinology and ecology of wild female chimpanzee reproduction. Poster presented at the Gombe Stream Research Center 40th Anniversary Symposium, Minneapolis, MN, 2003.

Feminist Sexuality Research Workshop. Northwestern University, Chicago, IL. 2012.

Wenner-Gren Young Researcher's Conference. Wenner-Gren Foundation for Anthropological Research, New York, NY. 2005.

Research

Research Funding

- Federal

Biodemography of Aging in Chimpanzees

M Emery Thompson (Lead PI), J Mitani, A Rosati, and RW Wrangham

National Institutes of Health: National Institute on Aging/Office of Research on Women's Health [R01-AG049395]

2015-2021: \$2,942,881

Collaborative Research: The Evolutionary Origins of Leadership in Chimpanzees: from Individual Minds to Collective Actions

M Emery Thompson (UNM PI), MN Muller. Collaborative PIs: A Rosati, Z Machanda

National Science Foundation [NCS-FO-1926352]

2019-2022: \$114,263

Variation in Women's Economic Tradeoffs and Risk Preferences

K Starkweather, M Emery Thompson (Co-PI, Mentor)

National Science Foundation, SBE Postdoctoral Fellowship [SMA-1809186]

2018-2020: \$148,000

Women's Extended Sexuality: Function, Form, and Endocrinology

S Gangestad, M Emery Thompson (Co-PI)

National Science Foundation [BCS-1729856]

2017-2020: \$300,000

Trade-offs Between Reproduction and Immunological Health in Female Chimpanzees from Kibale National Park, Uganda

M Emery Thompson (PI, supervisor), S Phillips-Garcia

National Science Foundation, Doctoral Dissertation Research Improvement Grant [BCS-1613185]

2016-2018: \$24,727

Developmental Integration and the Ecology of Life Histories in Phylogenetic Perspective

MN Muller, RW Wrangham, M Emery Thompson (Co-PI), S Nelson

National Science Foundation [BCS-1355014]

2014-2017: \$221,004

The Human Life Course and the Biodemography of Aging.

M Gurven, H Kaplan (role: post-doctoral scholar)

National Institutes of Health: National Institute on Aging [R01-AG024119]

2010-2015: \$1,250,000

Stress, Energetics and the Costs of Reproduction in Wild Chimpanzees.

MN Muller, RW Wrangham, M Emery Thompson (Co-PI)
National Science Foundation [BCS-0849380]
2009-2012: \$150,000

Understanding the Role of Ecology in Saving the Orangutan from Extinction.
CD Knott (role: post-doctoral scholar, subcontract PI)
National Science Foundation [BCS-0936199, BCS-072188]
2008-2013: \$494,400

M Emery Thompson
National Science Foundation Graduate Research Fellowship
1998-2003

- **Private/Intramural**

Social tolerance and the function of differentiated relationships among wild female chimpanzees
S Fox, M Emery Thompson (supervisor)
Wenner-Gren Foundation for Anthropological Research, Dissertation Fieldwork Grant
2019-2020: \$9,000

Social tolerance and the function of differentiated relationships among wild female chimpanzees
M Emery Thompson (PI, supervisor), S Fox
Leakey Foundation pre-doctoral grant to S Fox
2019-2020: \$15,000

Trade-offs between Reproduction and Immune Function in Female Primates
M Emery Thompson (PI, supervisor), S Phillips-Garcia
Leakey Foundation pre-doctoral grant to S Phillips-Garcia
2018-2019: \$11,125

The Ontogeny of Sex-Typed Behavior among East African Chimpanzees
M Emery Thompson (PI, supervisor), K Sabbi
Leakey Foundation pre-doctoral grant to K Sabbi
2016-2018: \$5,938

The Ontogeny of Sex Differences in Social Behavior among East African Chimpanzees
K Sabbi, M Emery Thompson (supervisor)
Wenner-Gren Foundation for Anthropological Research, Dissertation Fieldwork Grant
2015-2017: \$17,316.

Predicting Functional Impairment (FI) in Pediatric Cancer Survivors
RD Annett, M Emery Thompson
University of New Mexico, Pediatrics Research Allocation Committee
2013-2014: \$10,550

The Development of Aggressive Behavior in Wild Chimpanzees

M Emery Thompson, E Otali
Wenner-Gren Foundation for Anthropological Research, International Collaborative Research Grant
2013: \$28,900

Stress and the Costs of Reproduction in Wild Female Chimpanzees

M Emery Thompson
Leakey Foundation
2010-2012: \$21,700

Endocrinology and Ecology of Wild Female Chimpanzee Reproduction

M Emery, RW Wrangham (supervisor)
Leakey Foundation pre-doctoral grant
2003-2004: \$12,060

Ovarian Function and Dietary Composition in Wild Chimpanzees (*Pan troglodytes schweinfurthii*)

M Emery, RW Wrangham (supervisor)
Wenner-Gren Foundation for Anthropological Research, Dissertation Fieldwork Grant
2001-2003: \$20,000

M Emery
Harvard University Eliot Fellowship
2003-2004

M Emery
Harvard University Merit Fellowship
2001-2002

M Emery
Mellon Foundation Grant for Pre-Dissertation Fieldwork
2000

M Emery
Sigma-Xi Grant-in-Aid of Research
2000

M Emery
Mellon Foundation Grant for Technical Training
1999

M Emery
Harvard University Sherwood Washburn Fellowship
1998-2001

Teaching

Postdoctoral Advisement

Nicole Thompson Gonzalez, ASERT Fellow/NIGMS Institutional Research and Academic Career Development Program, University of New Mexico, 2018-2021.

Kathrine Starkweather, NSF SBE Fellow, University of New Mexico, 2018-2020.

Andreas Berghänel, University of New Mexico, 2016-2018. Current Position: Researcher, Wolf Science Center, Austria.

Michelle Brown, NSF SBE Fellow, University of New Mexico/University of Zurich, 2011-2014. Current Position: Assistant Professor, University of California Santa Barbara.

Doctoral Advisement

- Principal advisor

Megan Cole (chair), Anthropology, University of New Mexico, on-going. Received NSF Graduate Research Fellowship.

Stephanie Fox (chair), Anthropology, University of New Mexico, on-going. Received NSERC graduate scholarship, Leakey Foundation pre-doctoral grant, Wenner-Gren dissertation fieldwork grant.

Sarah Phillips (chair), Anthropology, University of New Mexico, on-going. Received NSF Doctoral Dissertation Research Improvement Grant, Leakey Foundation pre-doctoral grant.

Drew Enigk (co-chair), PhD Anthropology, 2021, University of New Mexico. *Behavioral Strategies of Social Relationship Formation and Competition among Adolescent Male Chimpanzees at Kanyawara, Kibale National Park, Uganda*. Received NSF Graduate Research Fellowship.

Kristin Sabbi (co-chair), PhD Anthropology, 2020, University of New Mexico. *The Ontogeny of Sex-Typed Social Strategies among East African Chimpanzees (Pan troglodytes schweinfurthii)*. Received Leakey Foundation pre-doctoral grant, Wenner-Gren dissertation fieldwork grant. Current position, postdoctoral fellow, Tufts University Department of Anthropology.

- Committee member

Emily Moes (committee member), Anthropology, University of New Mexico. Ongoing.

Diana Rabenold (committee member), PhD Candidate Anthropology, University of New Mexico. Ongoing.

Ally King (external committee member), PhD Candidate Anthropology, University of Calgary. Ongoing.

Kate Rusk (committee member), PhD Anthropology, 2019, University of New Mexico. Current position: Senior Data Analyst, Albuquerque Public Schools.

Carmen Mosely (committee member), PhD Anthropology, 2019, University of New Mexico. *A Biocultural Examination of Health Risk Among New Mexicans of Spanish-Speaking Descent*. Current position: Director, Laboratory of Human Osteology, University of New Mexico.

Caitlin Karniski (external committee member), PhD Biology, 2019, Georgetown University. *Effects of Senescence on Reproduction and Behavior in Bottlenose Dolphins*. Current position: postdoctoral fellow, Georgetown University.

Tim Bransford (external committee member), PhD Anthropology, 2019, Rutgers University. *The Energetic and Nutritional Costs of Motherhood in Wild Bornean Orangutans*. Current position: postdoctoral fellow: Northern Illinois University.

Melissa Eaton (external committee member), PhD Psychology, 2018, University of New Mexico. *Maternal Sexuality During Lactation: The Influence of Breastfeeding Recency and Relationship Quality*.

Chance Strenth (external committee member), PhD 2018 Psychology, University of New Mexico. *The Effect of Sublingual Testosterone on Ischemic Pain Sensitivity*.

Christina Cloutier Barbour (external committee member), PhD Anthropology, 2018, University of Utah, *Reproductive and Somatic Aging in Captive Female Chimpanzees (Pan troglodytes)*. Current position: Primate Curator, Lion Country Safari.

Sara Garau (external committee member), PhD Neuroethology 2017, Universidad Veracruzana

Caitlin O'Connell (external committee member), PhD 2018 Anthropology, Boston University. *The costs and benefits of sociality explored in wild Bornean orangutans (Pongo pygmaeus wurmbii)*. Current position: Lecturer, University of Southern California.

Nicholas Grebe (committee member), PhD 2016, Psychology, University of New Mexico. *From Norway with Love: A Study of Oxytocin, Social Bonding, and Life-history Trade-offs*. Current position: Postdoctoral fellow, Duke University.

Louis Alvarado (committee member), PhD Anthropology, 2015, University of New Mexico, *Men's Life History, Testosterone, and Health*. Current position: Assistant Professor of Anthropology, University of Pittsburgh.

Sarah Hile (external committee member), PhD Psychology, 2015, University of New Mexico, *The Functional Impact of Neurocognitive Deficits in Pediatric Cancer Survivors and Associated*

Risk Factors. Current position: licensed clinical psychologist, Southwest Neuropsychology & Behavioral Health.

Sarah Dinces (external committee member), PhD Psychology, 2015, University of New Mexico, *Cancer Experience Modulates the Relationship between Child and Parent Hypothalamic-Pituitary-Adrenal (HPA) Axis Functioning*. Current position: Program Evaluator, Legislative Finance Committee of New Mexico.

Alexander Georgiev (external committee member), PhD Human Evolutionary Biology 2012, Harvard University, *Energetic Costs of Reproductive Effort in Male Chimpanzees*. Current position: Lecturer in Biological Sciences at Bangor University, Wales.

Lara Saipe Durgavitch (external committee member), PhD Anthropology, 2013, Boston University, *Ovarian Function and Reproductive Behaviors across the Female Orangutan Life Cycle*. Current position: Adjunct Lecturer, Tufts University.

Elizabeth Eadie (committee member), PhD Anthropology, 2013, University of New Mexico, *Feeding Ecology and Life History Strategies of White-Faced Capuchin Monkeys (Cebus capucinus)*. Current position: Adjunct Lecturer, University of Arizona.

Masters Advisement

Tran Dinh (external committee member), ongoing, University of New Mexico, Psychology

Jillian Rutherford (external committee member), ongoing, University of New Mexico, Geography

Jack Grady (committee member), 2020, University of New Mexico, Anthropology

Adam Reynolds (committee member), 2019, University of New Mexico, Anthropology

Seth Merkley (chair), M.A. Anthropology, 2017, University of New Mexico, Anthropology

Erin Fitzgerald (co-chair), M.A. Anthropology, 2013, University of New Mexico, Anthropology

Jennifer Cabotage (co-chair), M.A. Anthropology, 2011, University of New Mexico, Anthropology

Natasha Tworoski (co-chair), M.A. Anthropology 2011, University of New Mexico, Anthropology

Bachelor's Honors Advisement

Kathryn McCollum, Anthropology, University of New Mexico, B.S. *cum laude*, Anthropology 2020, University of New Mexico, *It's All Fun and Games: Functions of Play Behaviors in Wild Chimpanzees at Kibale National Park, Uganda*.

Jillian Rutherford (co-advisor), B.S. *summa cum laude*, Geography 2019, University of New Mexico, *The Kanyawara Chimpanzee Community: A Home-Range Analysis*. Winner of Sigma Xi Superior Undergraduate Award.

Sonnie Williams, B.S. *cum laude*, Anthropology 2014, University of New Mexico, *The Biology of Cooking: How does Cooking Impact Physical and Mental Health?*

Kamden Cornell, B.S. *magna cum laude*, Anthropology 2012, University of New Mexico, *The Effects of Testosterone on Chimpanzee Hunting Behaviors in Kanyawara, Kibale National Park, Uganda*. Winner of Sigma Xi Superior Undergraduate Award.

Classroom Teaching

- University of New Mexico:

Biology of Social Relationships (A450/550) – Fall 2017 (13 students)

Primate Social Behavior (A363) – Fall 2016 (33 students), Fall 2018 (46)

The Human Life Course (A160/A1170) – Summer 2010 (19 students), Spring 2011 (100), Summer 2011 (37), Fall 2011 (72), Spring 2012 (65), Summer 2012 (34), Fall 2012 (81), Spring 2013 (82), Summer 2013 (27), Fall 2013 (46), Spring 2014 (39), Summer 2014 (21), Fall 2014 (70), Spring 2015 (139), Summer 2015 (18), Fall 2015 (67), Summer 2016 (16), Fall 2016 (39), Spring 2017 (48), Fall 2017 (79), Spring 2018 (59), Summer 2018 (41), Fall 2018 (63), Spring 2019 (45), Summer 2019 (26), Fall 2019 (43), Spring 2020 (2 sections: 50+55), Summer 2020 (19), Fall 2020 (2 sections: 32 + 40)

Hormones and Behavior (A450/550) – Fall 2015 (10 students), Fall 2020 (11 students)

Human Biology (A350) – Spring 2011 (82 students)

Human Behavioral Ecology (A360) – Summer 2012 (40 students), Summer 2013 (31), Fall 2013 (21), Summer 2015 (41)

Great Apes: Mind and Behavior (A362/662) – Spring 2014 (75 students), Spring 2017 (53), Spring 2019 (40)

Undergraduate Honors Seminar (A498) – Fall 2014 (5 students)

Primate Sexuality (A450/560) – Spring 2015 (5 students)

- Harvard University:

Sophomore Tutorial in Human Evolutionary Biology – 4 semesters

Advanced Laboratory Methods in Primate Endocrinology – 1 semester

Service

- Symposia/Workshops Organized

American Association of Physical Anthropologists 88th annual meeting, Cleveland, OH: Evolutionary perspectives on the primate aging process (co-organized with Alexandra Rosati), 2019.

International Primatological Society 26th Congress, Chicago, IL: Collaborative approaches in chimpanzee behavioral ecology (co-organized with Carson Murray), 2016.

Kibale Chimpanzee/Wenner-Gren Workshop for Ugandan Students (co-organizer), Makerere University Biological Field Station, Uganda, June 5-9, 2013.

American Association of Physical Anthropologists 82nd annual meeting, Knoxville, TN: The high price of success: costs of reproductive effort in male primates and humans (co-organized with Alexander Georgiev), 2013.

International Primatological Society 24th Congress, Cancun, Mexico: The role of phenotypic plasticity in the expression of primate life history traits (co-organized with Cheryl Knott), 2012.

International Primatological Society 21st Congress, Entebbe, Uganda: Female reproductive strategies: diversity among the apes (co-organized with Rebecca Stumpf), 2006.

- Editorships

Editorial Board, American Journal of Primatology, 2018-present

Editorial Board, Hormones and Behavior, 2015-present

Editorial Board, Adaptive Human Behavior and Physiology, 2014-present

Editorial Board, SpringerBriefs in Human Behavior and Biology, 2012-2015

Guest Editor (Direct Submissions). Proceedings of the National Academy of Sciences USA. 2 submissions (2017, 2019).

Guest Editor (w/Alexandra Rosati, Noah Snyder-Mackler). Special issue of Philosophical Transactions of the Royal Society of London on Evolution of the Primate Aging Process, 2020.

Guest Editor (w/Siobhán Mattison, Mary Shenk, Laura Fortunato, Monique Borgerhoff-Mulder). Special issue of Philosophical Transactions of the Royal Society of London on The Evolution of Female-Biased Kinship in Humans and Other Mammals, 2019.

Guest Manuscript Editor, Proceedings of the National Academy of Sciences USA, 2017

Guest Editor (w/Alexander Georgiev), Special issue of International Journal of Primatology: The High Costs of Success in Male Primates, Publication August 2014

- **Reviewing for Journals (excluding editorial reviews)**

- African Journal of Ecology (1 review)
- AGE (1)
- Aggressive Behavior (1)
- American Anthropologist (1)
- American Journal of Human Biology (6)
- American Journal of Physical Anthropology (11)
- American Journal of Primatology (22)
- Animal Behaviour (34)
- Animal Reproduction Science (2)
- Archives of Sexual Behavior (1)
- Behavioral Ecology (7)
- Behavioral Ecology and Sociobiology (14)
- Behavioral Science (1)
- Behaviour (5)
- Biological Conservation (1)
- Biological Journal of the Linnean Society (1)
- Biological Reviews (2)
- Biology Letters (2)
- Biology of Reproduction (1)
- Biology of Sex Differences (1)
- BMC Evolutionary Biology (1)
- Communications Biology (1)
- Current Anthropology (3)
- Current Biology (6)
- Ecology and Evolution (1)
- Ethology (1)
- Evolution and Human Behavior (1)
- Evolutionary Bioinformatics (1)
- Folia Primatologica (3)
- Frontiers in Zoology (1)
- General and Comparative Endocrinology (2)
- Hormone Research in Pediatrics (2)
- Hormones and Behavior (24)
- Human Nature (5)
- Integrative and Comparative Biology (1)
- International Journal of Comparative Psychology (1)
- International Journal of Primatology (16)
- Journal of Human Evolution (3)

- Nature Ecology and Evolution (1)
- Naturwissenschaften (1)
- Philosophical Transactions of the Royal Society of London (1)
- Physiology and Behavior (4)
- PLoS ONE (4)
- Primates (12)
- Proceedings of the National Academy of Sciences (1)
- Proceedings of the Royal Society of London B: Biological Sciences (6)
- Psychosomatic Bulletin & Review (1)
- Royal Society Open Science (1)
- Science (1)
- Scientific Reports (1)
- Veterinary Parasitology (1)
- Yearbook of Physical Anthropology (1)

- **Reviewing for Presses (book proposals, chapters)**
 - Cambridge University Press (2 reviews)
 - Oxford University Press (2)
 - Springer Press (3)
 - Harvard University Press (1)
 - University of Chicago Press (2)
 - Princeton University Press (1)
 - State of the Apes, Arcus Foundation (1)

- **Reviewing for Funding Agencies**
 - Carnegie Trust Scotland (1 review)
 - French National Research Agency (1)
 - Fund for Scientific Research – FNRS, Belgium (1)
 - German-Israel Foundation for Scientific Research & Development (1)
 - Graduate Women in Science Fellowships (2)
 - Leakey Foundation (17)
 - MacArthur Foundation (1)
 - National Geographic Society (2)
 - National Institutes of Health: National Institute on Aging (3)
 - National Science Foundation Ad hoc reviews (5)
 - National Science Foundation Review Panel (1)
 - National Science Foundation Minority Research Fellowship (1)
 - National Science Foundation GRFP Panel: Evolutionary Biology and Systematics (1)
 - Natural Sciences and Engineering Research Council of Canada (1)
 - Swiss National Science Foundation (1)

- **Professional Service**

International Union for Conservation of Nature, Species Survival Commission (IUCN-SSC)
Primate Specialist Group (Appointee), 2009-present

Publications committee (member), American Society of Primatologists (2020-2022)

Student paper award committee (member), American Journal of Primatology (2020-present)

Student awards committee (member), Southwest Association of Biological Anthropologists
(2015, 2016, 2018, 2019)

Student awards committee (member), International Primatological Society 25th Congress, 2014

Student awards committee (member), International Primatological Society 24th Congress, 2012

Poster awards committee (member), Animal Behaviour Society, 49th annual meeting, 2012

Scientific committee (member), International Primatological Society 23rd Congress, 2010

Local arrangements committee (member), American Association of Physical Anthropologists
79th annual meeting, 2010

International Society of Primatologists (lifetime member), 2004-present

American Society of Primatologists (lifetime member), 2004-present

American Association of Biological (formerly, Physical) Anthropologists (lifetime member),
2013-present

American Association for the Advancement of Science (member), 2017-present

Sigma-Xi Scientific Research Honors Society (member), 2019-present

International Society for Evolution, Medicine, and Public Health (member), 2018-present

Leakey Foundation Fellow, 2016-present

- **University Service (College)**

Faculty Senate Research Policy committee: chair, 2020-2022; member, 2018 – present

Faculty Senate Research & Creative Works Council, 2020-present

NCURA Policy Review Working Group member, 2020-2021

Institutional Animal Care and Use Committee, interim member, 2020

Electronic Research Administration Software Working Group member, 2020.

Faculty Senate Information Technology Use committee member, 2013-2018

Mentor, UNM Regents Scholar program, 2017-2018 (mentee TK King, now student UNM School of Medicine)

- **University Service (Department)**

Associate Chair, UNM Anthropology, 2019-present

Chair, IDEA (Inclusion, Diversity, Equity, and Antibias) steering committee, Anthropology, University of New Mexico, 2020-present

Annual review committee (Assistant Professor Ian Wallace), Anthropology, University of New Mexico, 2020-2021

Tenure and promotion committee (Assistant Professor Siobhan Mattison), Anthropology, University of New Mexico, 2019-2020

Faculty search committee in Evolutionary Anthropology, University of New Mexico, 2018-2019

Faculty search committee in Archaeology, University of New Mexico, 2017-2018

Faculty search committee in Evolutionary Anthropology, University of New Mexico, 2014-2015

Anthropology exhibits committee, University of New Mexico, 2016 – 2018

Anthropology colloquium planning committee member, University of New Mexico, 2009-2012

- **Community Service**

Kasiisi Project. Volunteer as web design/support for non-profit that aids Ugandan schools, 2020-present

UNM liaison, Albuquerque Biopark Enrichment Committee, 2017-present

Public lecture. Adult Summer Reading Program. Loma Colorado Library, Rio Rancho, NM

Scientific advisory committee member, Great Ape World Heritage Species Project, 2006-2007

Scientific advisor for children's book: [The Chimpanzee: Help Save an Endangered Species](#) (S. Feinstein), Enslow Publishers, Inc. Saving Endangered Species Series, 2007

Lecture: An introduction to biological anthropology. Weston Middle School, Weston, MA, 2006.

Lecture: Apes and Us. Weston High School, Weston, MA. 2006

Naturalist/Study Guide, Harvard Museum of Natural History travel program 2007, 2011. Led trips to Uganda/Rwanda, and Tanzania.

Naturalist/Study Guide, Harvard Alumni Association Travels 2019. Led trip to Tanzania.

Volunteer, Animal Humane of New Mexico, 2013-2016

Volunteer, People's Anti-Cruelty Alliance/Albuquerque Animal Rescue, 2009-2013