

**Melissa Emery Thompson**

**Anthropology**

**August 2022**

## **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*

## **Primary Positions**

Professor, 2022-present, Department of Anthropology, University of New Mexico, Albuquerque, NM

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

## **Concurrent Positions**

Assistant Vice President for Research, 2021-present (Interim 2021-2022), University of New Mexico, Albuquerque, NM

Associate Department Chair, 2019-2021, 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**

National Institute on Aging MERIT award, 2022

Finalist, George C. Williams Prize for most significant article published in Evolutionary Medicine and Public Health in 2021 (senior author)

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

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

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

3<sup>rd</sup> 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

I am interested in understanding how the extraordinary human life history evolved, and I study this by conducting comparative research on humans and our closest living relatives, the great apes. My approach to this research has been to study the physiological mechanisms that underlie life history processes, like fertility, development, and aging, and to examine how factors in the social and physical environment impact these mechanisms. My research incorporates 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 (35+ 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 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 obtaining external research funding, publishing their work, and earning research awards.

Professional service is a way to learn about and shape my professional environment. I have served as past co-chair of Anthropology and chair of the Faculty Senate Research Policy. As Assistant Vice President for Research, I focus on initiatives to reduce barriers to research participation across campus, recognize and promote research success, and develop responsible and transparent research policy. I also founded our department's first steering committee for diversity, equity, and inclusion. I have been a member of scientific review panels for the NIH and NSF and serve on the editorial boards of *Hormones and Behavior*, *Human Nature*, *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 = 42):*

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

In press Mine, JG, KE Slocombe, EP Willems, IC Gilby, M Yu, M Emery Thompson, MN Muller, RW Wrangham, SW Townsend, ZP Machanda. Vocal signals facilitate cooperative hunting by wild chimpanzees. [Science Advances](#).

In press Fox, S, MN Muller, N Thompson Gonzalez, DK Enigk, ZP Machanda, E Otali, RW Wrangham, M Emery Thompson. Weak, but not strong, ties support coalition formation among wild female chimpanzees. [Philosophical Transactions of the Royal Society of London B](#).

In press Negrey, J, M Emery Thompson, CD Dunn, E Otali, RW Wrangham, JC Mitani, ZP Machanda, MN Muller, KE Langergraber, TL Goldberg. Female reproduction and viral infection in a long-lived mammal. [Journal of Animal Ecology](#).

2022 Brown, M, R Steinitz, M Emery Thompson. Wins and losses in intergroup conflicts reflect energy balance in red-tailed monkeys. [Philosophical Transactions of the Royal Society of London B](#) 377: 20210152.

2022 Negrey, JD, JC Mitani, RW Wrangham, E Otali, RB Reddy, TE Pappas, KA Grindle, JE Gern, ZP Machanda, MN Muller, KD Langergraber, M Emery Thompson, and TL Goldberg. Viruses associated with ill health in wild chimpanzees. [American Journal of Primatology](#) e23358.

2022 Mei, M, RL Grillot, CK Abbey, M Emery Thompson, JR Roney. Does scent attractiveness reveal women's ovulatory timing? Evidence from signal detection analyses and endocrine predictors of odor attractiveness. [Proceedings of the Royal Society of London B](#) 289: 20220026.

2021 Thompson González, N, ZP Machanda, E Otali, MN Muller, DK Enigk, RW Wrangham, M Emery Thompson. Age-related change in adult chimpanzee social network integration. [Evolutionary Medicine and Public Health](#) 9: 448-459.

*\*Finalist for George C. Williams Prize for most significant article published in Evolutionary Medicine and Public Health in 2021.*

2021 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 infection is associated with dampened cytokine responses to viral and bacterial stimulations in Tsimane hunter-horticulturalists. [Evolutionary Medicine and Public Health](#) 9: 349-359.

2021 Colchero, F, 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, F Villavicencio, R Wittig, R Wrangham, JW Vaupel, SC Alberts. The long lives of primates: implications for the 'invariable rate of aging' hypothesis. Nature Communications 12: 3666.

*\*2021 Top 25 Life & Biological Sciences Article for Nature Communications*

2021 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 Giacoma, 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 Pavelka, LR Peckre, M Petersdorf, F Quintero, G Ramos-Fernandez, MM Robbins R Salme, I Schamberg, V Schoof, 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. Royal Society Open Science 8: 210873.

2021 Starkweather, K, M Keith, S Prall, N Alam, F tuz Zohora, M Emery Thompson. Are fathers good substitutes for mothers? Paternal care and growth rates in Shodagor children. Developmental Psychobiology 63: e22148.

2021 Enigk, DE, M Emery Thompson, ZP Machanda, E Oтали, RW Wrangham, and MN Muller. Female-directed aggression by adolescent male chimpanzees constitutes dominance-striving, not sexual coercion. American Journal of Physical Anthropology 176: 66-79.

2021 Reese, AT, K Chadaideh, C Diggins, LD Schell, M Beckel, P Callahan, R Ryan, M Emery Thompson, R Carmody. Effects of domestication on the gut microbiota parallel those of human industrialization. eLife 10: e60197.

2021 Sabbi, K, M Emery Thompson, ZP Machanda, E Oтали, RW Wrangham, and MN Muller. Sex differences in early experience and the development of aggression in wild chimpanzees. Proceedings of the National Academy of Sciences USA 118: e2017144118.

2021 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 31: 1804-1810.

2021 Grebe, NM, M Emery Thompson, S Gangestad. Oxidative stress and the differential expression of traits associated with mating effort in humans. Evolution and Human Behavior 42: 389-401.

2021 Muller, MN, DK Enigk, SA Fox, L Hagberg, Z Machanda, RW Wrangham, and M Emery Thompson. Aggression, glucocorticoids, and the chronic costs of status competition for wild male chimpanzees. Hormones and Behavior 130: 104965.

2021 Knott, CD, EE Kane, M Achmad, EJ Barrow, ML Bastian, J Beck, A Blackburn, TL Breeden, NL Conklin-Brittain, JJ Brousseau, ER Brown, M Brown, LA Brubaker-Wittman, GA Campbell-Smith, A de Sousa, AL DiGiorgio, CA Freund, VI Gehrke, A Granados, J Harting, FS Harwell, A Johnson, P Kanisius, JR Kemsey, AJ Marshall, R Naruri, CA O'Connell, BJ Philp, E Rahman, Riyandi, NJ Robinson, AM Scott, KS Scott, T Mitra Setia, W Setiadi, E Setiawan, I Sumardi, RR Suro, F Wendi Tamariska, M Emery Thompson, B Yaap, TW Susanto. The Gunung Palung Orangutan Project: Twenty-five years at the intersection of research and conservation in a critical landscape in Indonesia. Biological Conservation 255: 108856.

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: 613-620.

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 reverses gender disparities in inflammation and hypertension among the Mosuo of 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 Oтали, 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 the 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 disease 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, social 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 Oтали, 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 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 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**

In press Emery Thompson, M. Expected 2022. Diet and the energetics of reproduction. Diet and the Energetics of Foraging. Edited by JE Lambert and J Rothman. University of Chicago Press.

In press Emery Thompson, M. Evolutionary approaches in aging research. Aging Geroscience as the New Public Health Frontier, 2<sup>nd</sup> edition. Ed by SJ Olshansky, G Martin, and J Kirkland. Cold Spring Harbor Laboratory Press.

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

2022 Emery Thompson, M. Melissa Emery Thompson. *In Chimpanzee Memoirs: Stories from those dedicated to studying and saving our closest living relatives*. Edited by S Ross and L Hopper. Columbia University Press.

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.

## Research Funding

### - Pending

Novel Frameworks for Explaining Unequal Access to the Health Benefits of Social Ties: A Longitudinal Analysis in Wild Chimpanzees. M Emery Thompson (Contact PI), ZP Machanda National Institute on Aging. Requested 2022-2027 \$2,628,709

### - Federal (Funded)

Cumulative Life Course Effects on Aging and Health in a Long-Lived Primate Model. M Emery Thompson (Contact PI), I Gilby, A Rosati, T Goldberg, and E Lonsdorf. National Institutes of Health: National Institute on Aging/Office of Behavioral and Social Sciences Research [R37-AG049395]. 2022-2027 \$3,112,788

Doctoral Dissertation Research: Exploring the Evolutionary Origins of Prestige in Wild Chimpanzees. M Emery Thompson (PI, Supervisor), M Cole (PhD Student Awardee). National Science Foundation, Doctoral Dissertation Research Improvement Grant. 2022-2024, \$15,150

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

Relationship Dynamics: Endocrinology and Behavior, S Gangestad, M Emery Thompson (Co-PI), National Science Foundation [BCS-1729856], 2017-2022: \$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

National Science Foundation Graduate Research Fellowship, 1998-2003

- **Private/Intramural (Funded)**

Are there multiple pathways to social influence in wild chimpanzees? M Emery Thompson (PI, supervisor), M Cole, Leakey Foundation pre-doctoral grant to M Cole, 2021-2022: \$15,150

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

## Teaching

### Postdoctoral Advisement

Nicole Thompson González, ASERT Fellow/NIGMS Institutional Research and Academic Career Development Program, University of New Mexico, 2018-2021. Current Position: Assistant Professor of Anthropology, University of California Santa Barbara.

Kathrine Starkweather, NSF SBE Fellow, University of New Mexico, 2018-2020. Current Position: Assistant Professor of Anthropology, University of Illinois at Chicago.

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 of Anthropology, University of California Santa Barbara.

## Doctoral Advisement

### - Principal advisor

Anuska Mohapatra (chair, beginning Fall 2022), Anthropology, University of New Mexico.

Ellen Dyer (chair), Anthropology, University of New Mexico. Received NSF Graduate Research Fellowship.

Jillian Rutherford (chair), Anthropology, University of New Mexico.

Megan Cole (chair), Anthropology, University of New Mexico, on-going. Received NSF Graduate Research Fellowship, Leakey Foundation pre-doctoral grant, NSF Dissertation Improvement Grant.

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

Drew Enigk (co-chair), PhD Anthropology with Distinction, 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. Current position, Institutional Giving Coordinator, Desert Botanical Garden.

Kristin Sabbi (co-chair), PhD Anthropology with Distinction, 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

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

Emily Moes (committee member), PhD Candidate 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: Quantitative UX Researcher, Instagram.

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: NAGPRA Repatriation Manager, San Diego Museum of Us.

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

Tim Bransford (external committee member), PhD Anthropology, 2019, Rutgers University. *The Energetic and Nutritional Costs of Motherhood in Wild Bornean Orangutans*. Current position: Assistant Professor of Animal Studies, Eckerd College.

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: Instructor of Animal Health and Behavior, Unity College.

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: Visiting Assistant Professor of Anthropology, University of Pennsylvania.

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, University of Michigan.

Gandhi Yetish (committee member): PhD Anthropology, 2016, University of New Mexico. *Sleep as a restorative process*. Current position: Postdoctoral fellow, UCLA.

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 Primatology 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*.

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: Associate Professor of Practice, Department of Anthropology, University of Arizona.

## **Masters Advisement**

John Lower (committee member), 2022, University of New Mexico, Anthropology

Tran Dinh (external committee member), 2021, University of New Mexico, Psychology

Jillian Rutherford (external committee member), 2021, 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**

Lise King-Dooley, Anthropology, University of New Mexico, B.S. *cum laude*, Anthropology 2022, University of New Mexico, *Evolution of sexual swellings in chimpanzee females*.

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.

## **Courses Taught**

Biology of Social Relationships (A450/550)

Primate Social Behavior (A363)

The Human Life Course (A160/A1170)

Hormones and Behavior (A450/550)

Human Biology (A350)

Human Behavioral Ecology (A360)

Great Apes: Mind and Behavior (A362/662)

Undergraduate Honors Seminar (A498)

Primate Sexuality (A450/560)

## Service

### - Peer Review

Editorial Board, Human Nature, 2021-present

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 Consulting Editor. Proceedings of the National Academy of Sciences USA, 2 submissions (2017, 2019). eLife, 2 submissions (2021).

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

*Ad hoc* reviewer: Over 300 peer reviews for >55 journals, 19 funding organizations, and numerous Universities and presses

### - Professional & Community Service (Selected)

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

Associate Chair, UNM Anthropology, 2019-2021

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

Faculty Senate Research Policy committee: chair, 2020-2021; member, 2018-2021

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)



IDEA (Inclusion, Diversity, Equity, and Antibias) steering committee, Anthropology, University of New Mexico, Chair 2020-2021, Member 2020-present

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

Contributor, Primate Learning in Action (<https://sites.lsa.umich.edu/primateteaching/>), 2019-present

UNM liaison, Albuquerque Biopark Enrichment Committee, 2017-2020