

Melanie A. Martin

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APPOINTMENTS

2024- Associate Professor, University of Washington (UW), Department of Anthropology
2018-2024 Assistant Professor, UW Department of Anthropology
2016-2018 Postdoctoral Associate, Yale University, Department of Anthropology

EDUCATION

2015 PhD, Anthropology, University of California Santa Barbara (UCSB)
Faculty advisor: Michael Gurven
2011 MA, Anthropology, UCSB
2007 BA, Anthropology, University of Puerto Rico, Río Piedras

CERTIFICATES

2025 Wilderness First Aid Certification
2015 Certificate in College and University Teaching, UCSB

PUBLICATIONS

Peer-reviewed journal articles and pre-prints (graduate student co-author; undergraduate co-author)

1. (2025) Glass DJ, Godwin J, Koehn J, Bez E, Corley M, Dajani R, Hadfield K, Panter-Brick C, Vaggia C, **Martin MA**. Positive cortisol-testosterone hormonal coupling among adolescent populations in Argentina and Jordan (*in press, American Journal of Human Biology* 10.1002/ajpa.70134)
2. (2025) Miller EM, Fujita M, Hinde K, **Martin MA**, Wander K, Quinn EA. Celebrating over 10 years of human milk research in the Human Biology Association. Special Issue Article. (*American Journal of Human Biology*, 37, no. 8: e70111, <http://dx.doi.org/10.1002/ajhb.7011>)
3. (2025) **Martin MA**, Blackwell AD, Corley M, Vaggia CR. Trayectorias hormonales asociadas con la edad de menarca y el aumento de peso en niñas originarias Qom/Toba (*Revista Argentina de Antropología Biológica*, 27: 2 <https://revistas.unlp.edu.ar/raab/article/view/18772/19373>)
4. (2025) **Martin MA**, Glass DJ. Timing of complementary feeding and infant growth trajectories in prospective cohort studies: a systematized review and analysis of socioecological variation (*Ecology of Food & Nutrition*, 1-29, <https://doi/full/10.1080/03670244.2025.2480084>)
5. (2025) Straight B, Hilton CE, Owuor Olungah C, Needham BL, Tyler E, Zava T, Iannotti L, Zava T, **Martin MA**, and Brindle E. Drought-compounded stress and immune function in Kenyan pastoralist boys and girls occupying contrasting climate zones (*Annals of Human Biology*, 52(1), <https://doi.org/10.1080/03014460.2025.2455698>)

6. (2025) Rice A, Casiraghi LP, Gildee C, Almquist ZW, Hagopian A, **Martin MA**, de la Iglesia HO. Sleep in people experiencing homelessness under different conditions and seasons (*BioRxiv*, preprint <https://doi.org/10.1101/2025.01.23.634551>)
7. (2024) Olmedo SE, **Martin MA**, Valeggia CR. Evaluación del estado nutricional de niños y niñas qom y wichi de Formosa, Argentina (*Journal de Ciencias Sociales*, 2(23): 109-136, <https://doi.org/10.18682/jcs.v2i23.9643>)
8. (2024) Glass DJ, Godwin J, Bez E, Corley MK, Valeggia CR, and **Martin MA**. Longitudinal analysis of cortisol changes during pubertal development in Indigenous Qom girls (*American Journal of Human Biology*, 36(10): e24133, <https://doi.org/10.1002/ajhb.24133>)
9. (2024) Pace RM, King-Nakaoka E, Morse A, Pascoe K, Winkquist A, Caffé B, Navarrete AD, Lackey KA, Pace CDW, Fehrenkamp BD, Smith C, **Martin MA**, Barbosa-Leiker, Ley SH, Barbosa-Leiker, McGuire MA, Meehan CL, Williams JE, McGuire MK. Prevalence and duration of SARS-CoV-2 fecal shedding in breastfeeding dyads following maternal COVID-19 diagnosis (*Frontiers in Immunology*, 15, <https://doi.org/10.3389/fimmu.2024.1329092>)
10. (2024) Variation in maternal lactation practices associated with changes in diurnal maternal inflammation. Hove C, Chua KJ, **Martin MA**, Hubble M, Boddy AM (*Scientific Reports*, 14, 4376, <https://doi.org/10.1038/s41598-024-54963-4>)
11. (2024) Keith MH, **Martin MA**. Racialized/ethnic disparities in pathways linking social determinants of health, markers of allostatic load, and hypertensive disorders of pregnancy among nulliparous US women. (*Women's Health Issues*, 34 (1), 36-44, <https://doi.org/10.1016/j.whi.2023.08.001>) (**Charles E. Gibbs Leadership Prize for the best paper published in Women's Health Issues in 2024**)
12. (2023) Rice A, Sather O, Wright Jr KP, Vetter C, **Martin MA**, de la Iglesia HO. COVID-19 stay-at-home restrictions increase the alignment in sleep and light exposure between school days and weekends in university students. (*Sleep*, zsado59, doi: 10.1093/sleep/zsad059)
13. (2022) **Martin MA**, Keith M, Pace RM, Williams JE, Ley SH, Barbosa-Leiker C, Caffé B, Smith CB, Kunkle A, Lackey K, Navarrete AD, Pace CDW, Gogel AC, Eisenberg DTA, Fehrenkamp BD, McGuire MA, Meehan CL, Brindle E. SARS-CoV-2 specific antibody trajectories in mothers and infants over two months following maternal infection. (*Frontiers in Immunology*, 13 [10.3389/fimmu.2022.1015002](https://doi.org/10.3389/fimmu.2022.1015002))
14. (2022) Glass, D, Geerkens J, **Martin M**. Psychosocial and energetic factors on human female pubertal timing: a systematized review. (*Evolutionary Human Sciences*, 4: e28, <https://doi.org/10.1017/ehs.2022.24>)
15. (2022) Vinjamuri A, Davis JCC, Totten SM, Wu LD, Klein LD, **Martin M**, Quinn EA, Scelza B, Breakey A, Gurven M, Jasienska G, Kaplan H, Valeggia C, Hinde K, Smilowitz JT, Zivkovic AM, Barratt MJ, Gordon JI, Underwood MA, German B, Lebrilla CB. Human milk oligosaccharide compositions illustrate global variations in early nutrition. (*Journal of Nutrition*, <https://doi.org/10.1093/jn/nxac027>)
16. (2022) **Martin M**, Keith M, Olmedo S, Edwards D, Barrientes A, Pan A, Valeggia C. Cesarean section and breastfeeding outcomes in an Indigenous Qom community with high breastfeeding support. (*Evolution, Medicine, and Public Health* 10:36-46)
17. (2021) Pace RM, Williams JE, Järvinen KM, Meehan CL, **Martin MA**, Ley SH, Barbosa-Leiker C, Andres A, Yeruva L, Belfort MB, Caffé B, Navarrete AD, Lackey KA, Pace CDW, Gogel AC, Fehrenkamp BD, Klein M, Young B, Rosen-Carole C, Diaz N, Gaw SL, Flaherman V, McGuire MA, Seppo A, McGuire MK. Milk produced by women with COVID-19 does not contain SARS-CoV-2 and is a long-lasting source of specific IgA. (*Frontiers in Immunology* 12: 5566)

18. (2021) **Martin M** & Gurven M. Traditional and biomedical maternal and neonatal care practices in a rural Indigenous population of the Bolivian Amazon (*Global Public Health*, <https://doi.org/10.1080/17441692.2021.1882531>)
19. (2020) Sprockett DD, **Martin M**, Costello EK, Burns A, Holmes SP, Gurven M, Relman DA. Microbiota assembly, structure, and dynamics among Tsimane horticulturalists of the Bolivian Amazon. (*Nature Communications*, 11:3772)
20. (2019) **Martin M**, Blackwell A, Kaplan H, Gurven M. Differences in Tsimane children's growth outcomes and associated determinants as estimated by WHO standards vs. within-population references. (*PLOS One*, 14(4): e0214965)
21. (2019) **Martin M**. Biological Anthropology in 2018: Grounded in theory, questioning contexts, embracing innovation. (Invited review, *American Anthropologist*, 121: 417:430)
22. (2019) **Martin M**, Veile A, Vallengia C. Birth mode and infectious morbidity risks in Qom children of Argentina. (*Am J Hum Biol*, 31:e23200)
23. (2018) Klein L, Huang J, Quinn E, **Martin M**, Breakey A, Gurven M, Kaplan, H, Vallengia C, Jasienska G, Scelza B, Lebrilla C, Hinde K. Variation among populations in the immune protein composition of mother's milk reflects subsistence pattern. (*Evol Med Public Health*, 1(2018):230-245)
24. (2018) Kraft TS, Stieglitz J, Trumble BC, **Martin M**, Kaplan H, Gurven M. Nutrition transition in two lowland Bolivian subsistence populations. (*Am J Clin Nutr*, 108(6):1183-1195).
25. (2018) **Martin M**, Vallengia C. Timing of pubertal growth and menarche in indigenous Qom girls of Argentina. (*Ann Hum Biol*, 45:4, 321-329)
26. (2017) Sobolewski M, Weiss B, **Martin M**, Gurven M, Barrett E. Toxicanthropology: Phthalate exposure in relation to market access in a remote forager-horticulturalist population. (*Intl J Hygiene Environ Health*, 220(5): 799-809)
27. (2017) Sullivan AD, **Martin M**, Hayes, LP, Hayward D, Walker PL, Schoeninger MJ. Exploring patterns & pathways of dietary change: preferred foods, oral health, and stable isotope analysis of hair from the Dani of Mulia, Papua, Indonesia: a biocultural case study in culture contact. (*Curr Anthropol*, 58(1):31-56).
28. (2016) Han CS*, **Martin M***, Hengartner NW, Dichosa A, Fietze S, Gurven M, Alcock J. Salivary microbiomes of indigenous Tsimane mothers and infants are distinct despite frequent premastication (*PeerJ* 4:e2660) *contributed equally
29. (2016) **Martin M**, Garcia G, Kaplan H, Gurven M. Conflict or congruence? Maternal and infant-centric factors associated with shorter exclusive breastfeeding durations among the Tsimane (*Social Sci & Med* 170: 9-17)
30. (2015) Blackwell AD, Tamayo M, Beheim B, Trumble BC, Stieglitz J, Hooper PL, **Martin M**, Kaplan H, Gurven M. Helminth infection, fecundity, and age of first pregnancy in human females (*Science*. 350: 970-972)
31. (2014) Veile A, **Martin M**, McAllister L, Gurven M. Modernization is associated with intensive breastfeeding patterns in the Bolivian Amazon (*Soc Sci & Med* 100:148-158)
32. (2013) Blackwell A, **Martin M**, Kaplan H, Gurven M. Antagonism between two intestinal parasites in humans: the importance of coinfection risk and recovery dynamics (*Proc R Soc B*: 280 20131671)
33. (2012) **Martin M**, Lassek WD, Gaulin SJ, Evans RE, Woo JG, Geraghty SR, Davidson BS, Morrow AL, Kaplan HS, Gurven MD. Fatty acid composition in the mature milk of Bolivian forager horticulturalists: controlled comparison with a U.S. sample (*Mat Child Nutr* 8:404-418)
34. (2011) Blackwell A, Gurven M, Sugiyama L, Madimenos F, Liebert M, **Martin M**, Kaplan H, Snodgrass J. Evidence for a peak shift in humoral response to helminths: age profiles of IgE in the Shuar of Ecuador, the Tsimane of Bolivia, and US NHANES (*Plos Neglect Trop Dis* 5:e1218)

In progress

Anastasi E, Glass D, Pan T, Brindle E, Caffé B, Smith CB, Kunkle A, Kent MA, Navarrete AD, Pace CDW, Gogel AC, Fehrenkamp BD, Eisenberg DE, Pace RM, Williams JE, Ley SH, Barbosa-Leiker C, McGuire MA, McGuire MK, Meehan CL, **Martin MA**. Relationships among maternal Epstein-Barr Virus, COVID-19, and stress in mothers up to 1-year postpartum (*revised and resubmitted*)

Carter MM*, Liu Z*, Olm MR*, **Martin M**, Sprockett DD, Trumble BC, Kaplan H, Stieglitz J, Rodriguez DE, Relman DA, Sonnenburg ED, Gurven M, Good BH, Sonnenburg JL. Prehistoric global migration of vanishing gut microbes with humans (*contributed equally) (*in review*)

Book chapters

1. (2017) **Martin M**. Mixed-feeding in humans: evolution and current implications. In: [Breastfeeding: New Anthropological Approaches](#). Eds: Palmquist A, Quinn EA, Tomori C. Routledge: Oxford.
2. (2013) **Martin M**, Blackwell A, Kaplan H, Gurven M. Make new friends but keep the old? Parasite coinfection and comorbidity in Homo sapiens. (*Peer-reviewed*) In: [Primates, Pathogens, & Evolution](#). Eds: Brinkworth J & Penchenkina E. Springer Pubs.
3. (2013) **Martin M** and Sela D. Infant gut microbiota: developmental influences and health outcomes. In: [Building Babies: Primate Development in Proximate and Ultimate Perspective](#). Eds: Clancy K, Hinde K, Rutherford J. Springer: New York. (*Peer-reviewed*)

Commentaries

- 2024 Can women hunt? Yes. Did women contribute much to human evolution through endurance hunting? Probably not. **Martin MA**, Nuñez-de la Mora A, Vallengia C, Veile A (*American Anthropologist*, <https://doi.org/10.1111/aman.13970>)

Book reviews

- 2023 **Martin M**. Katherine Clancy: Period: The Real Story of Menstruation (*American Journal of Human Biology* <https://doi.org/10.1002/ajhb.23967>)
- 2017 **Martin M**. Michael L. Power and Jay Schulkin: Milk: The Biology of Lactation. (*Intl J Primatology* doi:10.1007/s10764-017-9950-4)

Reports

(2023). **Martin MA**, Phúóng Anh Tuyết, Trần Khánh Toàn, Tiffany Pan, Robert Tennyson. Biomarker data collection and analysis. In: Vietnam Health & Aging Study Wave 1 Report: Early-life War Exposure & Later-life health. Eds. K. Korinek, B. Teerawichitchainan, and Z. Zimmer. Salt Lake City: Vietnam Health and Aging Study. pp 23 – 34.
<https://vhas.utah.edu/resources/documents/vhas-dissemination-report-2023.pdf>

News columns and blog posts

- 2016 “[An evolutionary anthropology master syllabus](#)” EAS Section News, September
- 2016 “[A game-changer in the study of human origins](#)” Anthropology News. 57: 5-6.
- 2014 “[Manufactured mommy wars. Le sigh](#)” Mammals Suck...Milk! Guest Blog Post

NCBI bibliography available at:

<https://www.ncbi.nlm.nih.gov/myncbi/melanie.martin.1/bibliography/public/>

RESEARCH GRANTS & AWARDS

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| 2025-2030 | NIH R01 DK142759 Improving health among disadvantaged girls to slow pubertal onset and reduce long-term health risks, Co-I |
| 2023-2025 | NSF BCS 2315080 Doctoral Dissertation Research: Effects of Extreme Stressors in Adolescence, PI (Co-PI Delaney Glass) |
| 2022-2025 | Canadian Institute of Health Research: The Long-Term Effects of War on Biological Aging: The Case of Vietnam, Collaborator |
| 2022-2026 | NIA: Health and Functioning in New Midlife Adults: Understanding Alcohol Misuse and Potential for Preventive Intervention Over the Life Course, Consultant |
| 2022 | UW Population Health Initiative Tier 1 Pilot Research Grant: Sleep Health in People Experiencing Homelessness, Co-I |
| 2021 | NICHD Decoding Maternal Morbidity Data Challenge : Structural Equation Model Identifies Causal Pathways Between Social Determinants of Maternal Health, Biomarkers of Allostatic Load, and Hypertensive Disorders of Pregnancy Among U.S. Racial Groups, PI (\$50,000 award for innovation; \$10,000 award for addressing health disparities) |
| 2021 | UW Center for Studies in Demography and Ecology (CSDE): Supporting award for NICHD Decoding Maternal Morbidity Challenge submission, PI |
| 2020-2022 | NSF RAPID: Collaborative Research: COVID-19, human milk and infant feeding , PI |
| 2020 | UW CSDE Matching Funds for COVID-19 grant submission, PI |
| 2019 | UW CSDE Tier 1 Seed Grant, PI |
| 2016 | Wenner-Gren Foundation Engaged Anthropology Grant , PI |
| 2012-2015 | NSF Doctoral Dissertation Improvement Grant (DDIG) , Co-PI |
| 2012-2013 | Wenner-Gren Foundation Dissertation Fieldwork Grant, PI |
| 2009 | NSF Research Experience for Graduates Supplemental Grant, Co-PI |

FELLOWSHIPS, HONORS, & AWARDS

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| 2024 | Outstanding Undergraduate Research Mentor Award, UW |
| 2023 | Distinguished Alumni Award, UCSB Department of Anthropology |
| 2023 | Michael A. Little Early Career Award, Human Biology Association |
| 2020 | UW Technology Teaching Fellows Institute (stipend) |
| 2019 | New Investigator Award, Evolutionary Anthropology Society |
| 2019 | UW CSDE Summer Grant Writing Program (stipend) |
| 2013-2014 | University of California President's Dissertation Year Fellowship |
| 2013 | UCSB Graduate Dean's Advancement Fellowship |
| 2012-2013 | UCSB Department of Anthropology Spaulding Service Fellowship |
| 2011 | UCSB Green Initiative Fund Sustainability Award, 2010 |
| 2010-2011 | UCSB Central Fellowships Dean's Fellowship |
| 2010 | UCSB Hintze Fund for IAS Graduate Student Research Stipend |
| 2010 | NSF Graduate Research Fellowship Honorable Mention |
| 2008-2009 | UCSB Central Fellowships Dean's Fellowship |

TEACHING

| <u>Institution/Department/Years</u> | <u>Courses</u> |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UW Anthropology (2018-) | <i>Applied Human Growth & Development</i> (W 2020; Distance Learning course W 2021-22, Sum 2020-22, 2024-25) <i>Biocultural Perspectives of Childcare & Development</i> (Community-Engaged course, W 2023-24) <i>Evolutionary Biology of Women</i> (W 2019-20, S 2023-24) *Selected for Arts & Sciences 'Cool Courses for Spring 2024' <i>Evolutionary Perspectives on Parenting and Childcare</i> (W 2019) <i>Hormones & Behavior/Laboratory Methods in Hormones & Behavior</i> (joint seminar & wet lab courses, Au 2019-23) <i>The Human Life Cycle</i> (S 2019) <i>Human Reproductive Ecology</i> (Au 2018) |
| UW College Edge | <i>The Science of Stress & Wellbeing</i> (Sum 2025) |
| Yale Anthropology (2017) | <i>Ethnopediatrics</i> (S 2017) |
| UCSB Anthropology | <i>Human Variation</i> (Sum 2011); <i>Evolutionary Medicine</i> (Sum 2014) <i>Statistical Methods in Human Behavior</i> (Sum 2015, Au 2015) |

RESEARCH AFFILIATIONS

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|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2019- | Co-PI, Biodemography Laboratory, UW (Interim Director 2021-2022) |
| 2018- | Affiliate Faculty, UW Center for Statistics and the Social Sciences (CSSS) |
| 2017- | Research Affiliate, UW Center for Studies in Demography and Ecology (CSDE) |
| 2016- | Co-Director Chaco Area Reproductive Ecology (CARE) Program Co-Directors: Claudia Valeggia (Yale University), Sofia Olmedo (CONICET, Universidad Nacional de Formosa, Argentina). Field data collection; undergraduate and graduate student research advising; statistical and laboratory analysis; database management. Research areas: life history transitions, reproductive ecology, growth and development, maternal and child health, community based participatory research |
| 2009- | Affiliate, Tsimane Health and Life History Project Co-PIs: Michael Gurven (UCSB), Hillard Kaplan (Univ. New Mexico). Field biomarker collection, interviews, behavioral observations; laboratory and data analysis. Dissertation Thesis (2015): Optimal exclusive breastfeeding duration: evidence of conflict and congruence in Tsimane mother-infant pairs |

OPEN SCIENCE

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|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2024 | OSF Pre-registration: Relationships Between Maternal Epstein-Barr Virus, COVID-19, and Stress in Mothers up to 1-Year Postpartum. Anastasi E, Martin M. DOI 10.17605/OSF.IO/4C3EV |
| 2023 | OSF Pre-registration: Longitudinal analysis of cortisol changes during pubertal development. Glass DJ, Martin M. DOI 10.17605/OSF.IO/Y24MF |
| 2023 | Analytical code: R code for automated BioTek Gen5 data processing. Glass DJ, Martin M. DOI 10.17605/OSF.IO/5GTN7 |

- 2016 OSF Pre-registration: Predicting Age at Menarche from Changes in Linear Growth vs. Body Fat. Martin M, Valeggia C. DOI 10.17605/OSF.IO/8EURM

INVITED TALKS

- 2021 *Disentangling biobehavioral pathways between birth mode, breastfeeding, and health outcomes.* ASU EvMed CEMinar series, April 22, 2021
- 2019 *Early child growth & feeding in local context.* Washington State University, Anthropology Colloquium, April 25, 2019.
- 2019 *Human infant feeding: evolved strategies, individual optimums, and public health.* UCLA Center for Behavior, Evolution, and Culture Speaker Series. Feb. 11, 2019.
- 2017 *Accelerated pubertal development in Qom girls of Argentina: potential dietary, ethnic, environmental, and life history factors.* Department of Anthropology Seminar Series, University of Massachusetts Amherst. April 3, 2017.
- 2014 *Human microbial development in evolutionary perspective.* Department of Biology, University of New Mexico. Nov. 18, 2014

1ST AUTHORED CONFERENCE PAPERS & POSTERS

1. *Moving beyond mismatch: preliminary results from the Vietnam Health & Aging Study.* International Society for Evolution, Medicine, and Public Health (ISEMPH) Meeting, Nashville, TN, July 2025 (contributed poster & flash talk)
2. *Maternal and infant SARS-CoV-2 antibody responses following maternal COVID-19 infection.* Annual Meeting American Association of Biological Anthropology (AABA), Reno, NV, April 2023 (contributed podium)
3. *Cesarean birth and breastfeeding outcomes in an Indigenous community with high breastfeeding support.* 47th Annual Meeting of the Human Biology Association (HBA), Denver, CO, Mar, 2022. Am J Hum Biol, 34(S2):37-38 (contributed podium)
4. *Community based participatory research with forager and forager descent communities.* Annual Meeting American Anthropological Association (AAA), Baltimore, MD, 2021 (invited podium)
5. *Cesarean and breastfeeding outcomes in an Indigenous population with high breastfeeding support.* 7th Annual Northwest Evolution, Ecology, and Human Behavior Symposium, Virtual, 2021 (contributed flash talk)
6. *Family-focused COVID-19 research: leveraging tools and insights from biocultural anthropology.* 90th Annual Meeting American Association of Physical Anthropology (AAPA), Virtual. Am J Phys Anthropol, 174(S71):66 (invited podium)
7. *Social and ecological influences on Tsimane infant microbial community assembly.* 89th Annual Meeting American Association of Physical Anthropology (AAPA), Los Angeles, CA, 2021. Am J Phys Anthropol, 171(S69):175 (accepted abstract, conference cancelled).
8. *Who you calling short? WHO standards vs. local growth references in statistical models: Implications for biological relevance.* 118th Annual Meeting AAA, Vancouver, BC, 2019 (contributed)
9. *Assessing local variability in Tsimane growth outcomes derived from international vs. within-population references: considerations for biological relevance.* 44th Annual Meeting HBA, Cleveland, OH, 2019. Am J Hum Biol, 31(2):33 (contributed poster)
10. *Assessing local variability in standardized growth outcomes derived from international vs. within-population references: considerations for biological relevance.* Society for Applied Anthropology 79th Annual Meeting, Portland, OR, 2019 (contributed podium)
11. *Adapting reproducible research to the reality of anthropological field data.* 117th Annual Meeting AAA, San Jose, CA, 2018 (invited podium)

12. *Morbidity Profiles Compared in Vaginally and Cesarean Born Indigenous Toba/Qom Children.* 87th Annual Meeting AAPA, Austin, TX, 2018. 165(S66):168 (invited podium)
13. *“Skeletal maturation” vs. “critical fat threshold” in relation to pubertal development in Qom girls.* 86th Annual Meeting AAPA, New Orleans, LA, 2017. Am J Phys Anthropol, 162(S64):277 (contributed poster)
14. *Population estimates of age at menarche and peak height velocity demonstrate accelerated pubertal development in Qom/Toba girls.* 42nd Annual Meeting HBA New Orleans, LA, 2017. Am J Hum Biol, 29(2): 29 (contributed podium)
15. *A novel application of noninferiority testing to evaluate infant feeding strategies.* 115th Annual Meeting AAA, Minneapolis, MN, 2016 (contributed podium)
16. *Substitution or augmentation: is early complementary feeding that does not reduce breastfeeding intensity really “suboptimal”?* 85th Annual Meeting AAPA, Atlanta, GA, 2016. Am J Phys Anthropol, 159(S62):220 (invited poster)
17. *Mixed evidence of adverse nutritional outcomes associated with early complementary feeding among the Tsimane.* 41st Annual Meeting HBA, Atlanta, GA, 2016. Am J Hum Biol, 28(2):285 (contributed poster)
18. *Is early complementary feeding a strategy to reduce the metabolic cost of lactation?* 40th Annual Meeting HBA, St. Louis, MO, 2015. Am J Hum Biol, 27(2):275 (contributed poster)
19. *Many pathways, many outcomes: a global accounting of ‘perceived low milk supply’.* 113th Annual Meeting AAA, Washington D.C., 2014 (invited podium)
20. *Association of exclusive breastfeeding duration with infant outcomes in a rural Amerindian population.* 17th International Society for Research in Human Milk and Lactation Conference, Kiawah, SC, 2014 (contributed poster)
21. *Optimal for whom? Using evolutionary logic to predict variation in infant feeding practices.* 8th Annual California Workshop for Evolutionary Social Science (C-WESS), San Luis Obispo, CA, 2014 (invited podium)
22. *Premastication and transmission of oral microbiota in Tsimane mother-infant dyads.* 39th Annual Meeting HBA, Calgary, CAN, 2014. Am J Hum Biol, 26(2):272 (contributed podium)
23. *What predicts optimal infant and young child feeding practices in a ‘traditional breastfeeding population’?* 112th Annual Meeting AAA, Chicago, IL, 2013 (invited podium)
24. *Variation in complementary feeding among a population of tropical forager-horticulturalists: associated factors and impacts on infant health.* 2nd Annual UC Global Health Day, UC Berkeley, 2012 (contributed poster)
25. *Influence of aquatic resources and subsistence strategy on human milk fatty acid composition: a cross-cultural comparison.* 81st Annual Meeting AAPA, Portland OR, 2012. Am J Phys Anthropol, 147(S54) (contributed poster)
26. *Variation in complementary feeding among a population of tropical forager-horticulturalists: associated factors and impacts on infant health.* 109th Annual Meeting AAA, New Orleans, LA, November, 2010 (contributed poster)
27. *Multiple-species parasitic infections in a natural disease ecology: risk factors and health outcomes.* 22nd Annual Conference Human Behavior and Evolution Society, Eugene, OR, 2010 (contributed poster)
28. *Indigenous intestinal flora, polyparasitism, and immune responses in the Bolivian lowland tropics.* 79th Annual Meeting AAPA, Albuquerque, NM, 2010. Am J Phys Anthropol, 141(S50) (invited podium)
29. *Diet, food preferences, and caries rates in the Dani of Papua New Guinea.* 108th Annual Meeting AAA, Philadelphia, PA, 2009 (contributed podium)

ADVISEE CONFERENCE PAPERS & POSTERS

1. Anastasi E, Glass D, Pan T, Pace RM, Williams JE, Ley SH, Barbosa-Leiker C, McGuire MA, McGuire MK, Meehan CL, **Martin M**. *Relationships between maternal Epstein-Barr virus, COVID-19, and stress in mothers up to 1-year postpartum*. HBA Annual Meeting, Baltimore, MD, 2025 (contributed poster)
2. Glass D, Godwin J, Koehn J, Dajani R, Hadfield K, Panter-Brick C, **Martin M**. *Stressors, displacement, and cortisol-testosterone hormonal coupling among Jordanian non-refugee and Syrian refugee adolescents in Jordan*. HBA Annual Meeting, Baltimore, MD, 2025 (contributed podium)
3. Hinton H, Gildee C, Rice A, Almquist Z, Hagopian A, de la Iglesia H, **Martin M**. *Health markers among people experiencing homelessness*. AABA Undergraduate Research Symposium, Los Angeles, CA, 2024 (contributed poster)
4. Glass D, Godwin J, Bez E, Daniel S, Lipson S, Ellison P, Corley M, Valeggia C, **Martin M**. *Longitudinal analysis of cortisol changes during pubertal development in Indigenous Qom girls*. HBA Annual Meeting, Los Angeles, CA, 2024 (contributed poster)
5. Glass D, Godwin J, Corley M, Bez E, Brindle E, Valeggia C, **Martin M**. *Longitudinal relationships between cortisol, pubertal energetics, & menarche among Qom females*. AAA/CASCA Annual Meeting, Toronto, Canada, 2023 (contributed podium)
6. Gildee C, **Martin M**, Tennyson R, Brindle E, Pan T. *Does pre-analytical variation in dried blood spot collection impact C-reactive protein measurement?* Human Biology Association (HBA) Annual Meeting, Reno, NV, 2023. Am J Hum Biol, 35 (S1): 14-15 (contributed poster).
7. Glass DJ, Corley MK, Godwin J, Bez E, Brindle E, Valeggia CR, **Martin MA**. *Stages? don't forget ages: Modeling cortisol-testosterone coupling across early to mid-pubertal ages among Indigenous Qom girls* Accepted abstract, AABA Annual Meeting, Reno, NV, 2023 (contributed podium)
8. Hinton H, Gildee C, Garcia A, Trumble B, Gurven M, **Martin M**. *Tsimane Fecal Neopterin Levels Decline During Infancy*. Accepted abstract, AABA Committee on Diversity Undergraduate Research Symposium, Annual Meeting, Reno, NV, 2023 (contributed poster)
9. Keith M, **Martin M**. *Socio-ecology of pregnancy planning among nulliparous US women*. Accepted abstract, HBA Annual Meeting, Reno, NV 2023. Am J Hum Biol, 35 (S1): 24 (contributed flash presentation)
10. Rice AD, Sather O, Wright KP, Vetter C, **Martin M**, de la Iglesia HO. *Sleep In the Time of COVID-19: College Students Internal and Social Times are Better Aligned under Stay-at-Home Mandates*. Accepted abstract, AABA Annual Meeting, Reno, NV, 2023 (contributed poster)
11. Glass D, Geerkens J, **Martin M**. *Stressed and growing? Simultaneous consideration of psychosocial and energetic factors on pubertal timing may bridge gaps between evolutionary theory and observed biological variation*. AAA Annual Meeting, Seattle, WA, 2022 (contributed podium)
12. Keith M, Corley M, Daniel S, Glass D, Lipton S, Ellison P, Valeggia C, **Martin M**. *Assessing precision in urinary hormonal sampling design*. HBA Annual Meeting 2022, Denver, CO. Am J Hum Biol, 34 (S2):31-32 (contributed poster)
13. Glass D, Geerkens J, **Martin M**. *Stressed and growing? A systematized review of the relative effects of energetic and psychosocial factors determining human female pubertal timing*. Annual Meeting HBA, Virtual, 2021. Am J Hum Biol, 33(S1):17 (contributed poster)
14. Edwards D, Valeggia C, **Martin M**. *Association between cesarean birth and breastfeeding trajectories in a population with traditionally intensive breastfeeding practices*. AAPA Committee on Diversity Undergraduate Research Symposium, Annual Meeting, Cleveland, OH, 2019 (contributed poster)

CAMPUS TALKS

- 2021 *Looking beyond the perinatal period to support breastfeeding: lessons from communities with traditional kin and extended postpartum support.* UW Department of Anthropology: Current Topics in Medical Anthropology and Global Health Seminar Series, Dec. 8, 2021
- 2021 *Cesarean birth and infant health and breastfeeding outcomes in a marginalized Indigenous community in Argentina: risk pathways and local context.* UW Center for Studies in Demography and Ecology Seminar Series, January 8, 2021
- 2018 *Within population variability and growth references: considerations for biological relevance.* 2nd Annual Harvard-Yale Conference on Human Evolutionary Biology, May 4th, 2018
- 2016 *Transparency and reproducibility in the observational sciences: lessons from Anthropology.* Yale Day of Data, Dec. 2, 2016
- 2016 *Maternal-offspring conflict and congruence in shaping Tsimane breastfeeding patterns.* Department of Anthropology, Yale University. Mar. 3, 2016
- 2015 *Optimizing early nutrition through integrated foodways: lessons from the Tsimane.* Symposium on Native Foodways, Environmentalism, and Biocolonialism, UCSB, March 6, 2015
- 2011 *Breast is best, but whose is better? Maternal milk fatty acid composition in U.S. and Amerindian women.* 1st Anthropology Graduate Symposium, UCSB, May 21st 2011.
- 2011 *Fatty acid composition in the mature milk of Bolivian forager-horticulturalists: Comparison with a U.S. cohort.* 7th Annual Ecology, Evolution and Marine Biology Graduate Student Symposium, UCSB, Feb 12th 2011.

ORGANIZED SYMPOSIA & CONFERENCES

- 2025-26 Lead Organizer, 9th Northwest Evolution, Ecology, & Human Behavior (NWEHHB) Symposium, UW Pack Forest Conference Center, WA
- 2022 Chair, Unsettling landscapes of biocultural variation: where methods, mechanisms, and theory collide (PT 1 & PT 2), 2022 AAA Annual Meeting
- 2021 Organizer and Chair, Researcher responsibilities and responses during the COVID-19 pandemic (virtual session), 2021 AAA Annual Meeting
- 2017 Chair, Anthropology matters for professionals! Forging non-academic career pathways at the graduate and undergraduate level, 116th Annual Meeting AAA
- 2017 Organizing committee, 3rd Annual Northeastern Evolutionary Primatology Meeting
- 2017 Chair, Human Biology and Genetics IV, Poster Session, 87th Annual Meeting AAPA
- 2016 Co-Chair, Biocultural Perspectives of Family Health, Joint AAPA-HBA Symposium. 86th Annual Meeting AAPA, 41st Annual Meeting HBA
- 2012 Co-Lead Coordinator, 6th Annual California Workshop on Evolutionary Social Science (C-WESS)
- 2011 Lead Coordinator, 1st Anthropology Graduate Student Symposium, UCSB
- 2010 Organizing committee, 4th Annual C-WESS

PROFESSIONAL SERVICE

UW departmental and campus service

- 2025-26 Dept. of Anthropology Biological Anthropology Subdiscipline Coordinator
- 2023-2024 Dept. of Anthropology Diversity Committee (Chair)
- 2019-2024 Dept. of Anthropology Graduation Committee
- 2019-current Executive Committee, Center for Studies in Demography and Ecology (CSDE)
- 2023-2024 UW Early Career Research Advisory Group

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| 2022-2024 | Biological Anthropology Faculty Search Committee |
| 2022-2024; | Coordinator, Biological Anthropology Seminar Series |
| 2018-2020 | |
| 2022-2023 | CSDE Search Committee: staff position (Laboratory Technician) |
| 2020-2021 | Department of Anthropology Diversity Committee |
| 2021 | CSDE Search Committee: Biodemography Director (Research Scientist) |
| 2020 | CSDE Search Committee: staff position (Budget Analyst Lead) |
| 2018-2020 | Department of Anthropology Outreach and Development Committee |

Other

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| 2020 - | Consulting Editor, Human Nature |
| 2020- | HBA Community-Building and Networking Program (mentor) |
| 2019-2023 | Judge, HBA undergraduate and graduate student awards |
| 2022-2024 | Nominations & Elections Committee, HBA (elected position, Chair 2023-2024) |
| 2019-2021 | Publications Committee, HBA (elected position) |
| 2021 | Program Committee, 2022 Annual Meeting American Association of Biological Anthropology (AABA) |
| 2020 | Conrad M. Arensberg Award Panel, American Anthropological Association |
| 2016-2019 | Co-editor, Evolutionary Anthropology Society Section News, <i>Anthropology News</i> |
| 2013-2014 | Student Committee, 2014 UC Global Health Day |
| 2012 | Student representative, Faculty Search Committee, IAS, UCSB |
| 2009-2010 | Co-Chair, UCSB Anthropology Graduate Student Association |

Peer Review

Ad hoc manuscript reviews (verified reviews @ Web of Science Researcher ID: H-4935-2019): American Anthropologist; American Journal of Human Biology; American Journal of Physical/Biological Anthropology; BMC Pediatrics; Clinical Medical Insights: Pediatrics; European Journal of Clinical Nutrition; Evolutionary Anthropology; Evolution and Human Behavior; Evolutionary Medicine and Public Health; Human Nature; INQUIRY; Journal of Adolescent Health; Journal of Biosocial Science; Journal of Developmental Origins of Health and Disease; Journal of Human Lactation; Maternal & Child Health Journal; Nursing & Health Sciences; Nutrition & Health; PLOS One; Revista Argentina de Antropología Biológica; Revista Panamericana de Salud Publica/Pan American Journal of Public Health; Scientific Reports; Social Science and Medicine; Women's Health Journal

Publisher requested book reviews: Princeton Press

Grant proposal reviews: National Science Foundation (Panelist and *ad hoc* reviewer); Leaky Foundation (*ad hoc* reviewer); UW Royalty Research Fund (*ad hoc* reviewer)

Conference Abstracts: AAPA/AABA Annual Meeting Program (2018, 2021)

MENTORSHIP

Postdoctoral

Monica Keith, PhD, UW Anthropology (Oct 2020-Dec 2022)
(Assistant Professor, Vanderbilt University, 2023-)

Graduate

Advisor

Emma Anastasi (Co-Advisor, 2023-)
Yesenia Navarro-Aguirre (2022-)

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| Committee member | Delaney Glass, PhD (2018-2024, Assistant Professor, University of Toronto 2024-) |
| | Yarinid Vélez Hernández, MA/PhD (UW Anthro, 2024-) |
| | Abigail Harward, MA/PhD (UW Anthro, 2024-) |
| | Amanda Kunkle, PhD candidate (UW Anthro, 2024-) |
| | Baishakhi Basu, PhD candidate (UW Anthro 2019-) |
| | Hannah Zaehring, PhD candidate (UW Anthro, 2023-) |
| | Cristina Gildee, PhD (UW Anthro, 2023-2025) |
| | Anwesha Pan, PhD (UW Anthro, 2020-2024) |
| Graduate School Representative | Larisa Ozeryansky, PhD (UW Independent Interdisciplinary PhD program, 2023-2025) |
| External Committees | Carmen Hové, UC Santa Barbara, Anthropology, PhD (2019-2022) |
| <i>Undergraduate</i> | |
| Anthropology Honors Program | Sora Oniki (2023-2024) Khushi Chauhan (2021) Katie Rainsberger (2020-2021; 2021 Best Honors Thesis, Mary Gates Research Scholarship Recipient) |
| Independent Research | Briza de la Cruz Tujillo (2023- 2024, 2024 Mary Gates Research Scholarship & Thomas Sedlock Icon Scholarship recipient); Avery McCulloch-Hutton (2024, Anthropology Senior Distinguished Research Recognition); Haiyden Hall (2024); Hannah Hinton (2023-2024); Maia Kent (2022); Alicia Barrientes (2020); Isabelle Shinn (2020), Samira Farah (2020); Deja Edwards (2018-2019) |
| Undergrad Research Symposium | Sora Oniki, Avery McCulloch-Hutton, Briza de la Cruz Tujillo (2024); Hannah Hinton, Izzy Weibe (2023); Maia Kent, Noah ben-Chaem Greco (2022); Eleanna Bez, Meagan Gamblin, Sukhmeen Jandu, Rachel Luna, Katie Rainsberger, Ysabella Rivera, Sam Torres (2021); Samira Farah, Emily Rick, Isabelle Shinn, Sam Torres (2020) |
| Field & Lab Research Assistants | Noah ben-Chaem Greco, Maia Kent (2022); Joy Gheerkens (2018-2019); Katherine Kuenzle (Yale, 2018); Andrew Kuzemczak (Yale, 2018); Geni Garcia (UCSB, 2012) |

MEDIA

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| 2024 | Global Aging Community Initiative June 2024 Newsletter Collaborator Profile |
| 2024 | Sausage of Science Podcast “Melanie Martin talks COVID-19 transmission and social jetlag” |
| 2023 | The Atlantic “Go ahead, try to explain milk” |
| 2022 | UW News “Infants less likely to contract COVID-19 than household caregivers” |
| 2022 | Here We Are with Shane Mauss Podcast “Child Rearing Across Cultures” |
| 2017 | Your Last Meal with Rachel Belle Podcast “Alicia Silverstone, Vegan Cheese” |
| 2016 | Nature News: “Mining the secrets of college syllabuses” |
| 2016 | Undark Magazine: “The science (and culture) of pre-chewing food for children” |
| 2015 | NPR: “Can a parasitic worm make it easier (or harder) for a woman to conceive?” |

- 2014 The Weekly Weinersmith Podcast ([Episode 53: Melanie Martin on breastfeeding](#))
- 2012 BBC Mundo: [“Leche materna de indígenas bolivianos: ¿de mejor calidad?”](#)
- 2012 The New York Times: [“In the Bolivian Amazon, a yardstick for modern health”](#)

PROFESSIONAL MEMBERSHIPS

American Association for the Advancement of Science
 American Association of Biological Anthropologists
 Human Biology Association
 International Society for Research in Human Milk and Lactation
 International Society for Evolutionary Medicine and Public Health

COMMUNITY SERVICE & OUTREACH

- 2022- Volunteer, Seattle Public Schools
- 2022- Youth Leader, The Mountaineers Seattle Branch
- 2022- Participating Scientist, Skype a Scientist (virtual classroom presentations: 2nd grade, Spokane WA; 5th grade, Kelso, WA; 6th grade, Ashtabula, OH; Thornton, CO)
- 2020-2023 Volunteer, Open Arms Perinatal Services (Seattle, WA)
- 2016-2017 Judge & mentor, New Haven Science Fair
- 2017 Presenter, Yale Science in the News Public Lecture Series
- 2012 Development and Resource Committee, Santa Barbara Birth Center
- 2011-2012 UCSB Plastics Pollution Coalition
- 2011-2012 Co-Director, “Say No to Styro” UCSB campus sustainability campaign