

Zaneta M. Thayer, Ph.D.

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Academic Appointments

- 2016 – Date **Assistant Professor**, Anthropology, Dartmouth College
2014 – 2016 **Assistant Professor**, Anthropology, University of Colorado Denver

Education

- 2008 – 2013 **Ph.D. Biological Anthropology**, Northwestern University, *Presidential Fellow*
2004 – 2008 **A.B. Biology & A.B. Anthropology**, Dartmouth College, *cum laude*

Research Expertise

Human biology; Developmental plasticity; Health disparities; Intergenerational effects

Publications

** = Dartmouth undergraduate student co-author; * = Graduate student advisee co-author

Published/In press

- 1 **Thayer, Z.**, Rutherford, J., & Kuzawa, C. (n.d.). The Maternal Nutritional Buffering Model: An evolutionary framework for pregnancy nutritional intervention. *Evolution, Medicine, and Public Health*.
- 2 **Conching, A. & **Thayer, Z.** (2019). Biological pathways for historical trauma to affect health: a conceptual model focusing on epigenetic modifications. *Social Science & Medicine*, 230, 74–82. doi:<https://doi.org/10.1016/j.socscimed.2019.04.001>
- 3 Ly, K., Walker, C., Berry, S., Snell, R., Marks, E., **Thayer, Z.**, ... Morton, S. (2019). Telomere length in early childhood is associated with sex and ethnicity. *Scientific Reports*, 9(1), 10359. doi:[10.1038/s41598-019-46338-x](https://doi.org/10.1038/s41598-019-46338-x)
- 4 Non, A. & **Thayer, Z.** (2019). Epigenetics and Human Variation. *Companion to Anthropological Genetics, Wiley-Blackwell Companion Series*, 293–308. doi:[10.1002/9781118768853.ch19](https://doi.org/10.1002/9781118768853.ch19)
- 5 Running Bear, U., **Thayer, Z.**, Croy, C., Kaufman, C., & Manson, S. (2019). The impact of individual and parental American Indian boarding school attendance on chronic physical health of Northern Plains Tribes. *Family & Community Health*, 42(1), 1–7. doi:[10.1097/fch.000000000000205](https://doi.org/10.1097/fch.000000000000205)
- 6 **Stern, K. & **Thayer, Z.** (2019). Developmental and early adult adversities predict depression in young adulthood. *International Journal of Public Health*. doi:[10.1007/s00038-019-01273-6](https://doi.org/10.1007/s00038-019-01273-6)
- 7 **Thayer, Z.** (2019). Early life adversity and the value of diversity. *American Anthropologist*, 121, 484–485. doi:[10.1111/aman.13221](https://doi.org/10.1111/aman.13221)

- 8 **Thayer, Z.,** Becares, L., & Atatoa Carr, P. (2019). Maternal experiences of ethnic discrimination and subsequent birth outcomes in Aotearoa New Zealand. *BMC Public Health*, 19(1), 1271–1279. doi:doi:10.1186/s12889-019-7598-z.
- 9 **Thayer, Z. & *Sweetman, C.** (2019). Intergenerational effects: How maternal adversity impacts offspring. *eLife*, 8, e51206. doi:10.7554/eLife.51206
- 10 *Farewell, C., **Thayer, Z.,** Puma, J., & Morton, S. (2018). Exploring the timing and duration of maternal stress exposure: Impacts on early childhood BMI. *Early Human Development*, 117, 15–19. doi:10.1016/j.earlhumdev.2017.12.001
- 11 *Farewell, C., **Thayer, Z.,** Tracer, D., & Morton, S. (2018). Prenatal stress exposure and early childhood BMI: Exploring associations in a New Zealand context. *American Journal of Human Biology*, 30(4), e23116. doi:10.1002/ajhb.23116
- 12 Fox, M., **Thayer, Z.,** Ramos, I., Meskal, S., & Wadhwa, P. (2018). Prenatal and Postnatal Mother-to-Child Transmission of Acculturation's Health Effects in Hispanic Americans. *Journal of Women's Health*, 27(8), 1054–1063. doi:10.1089/jwh.2017.6526
- 13 Running Bear, U., Croy, C., Kaufman, C., **Thayer, Z.,** & Manson, S. (2018). The relationship of five boarding school experiences and physical health status among Northern Plains Tribes. *Quality of Life Research*, 27(1), 153–157. doi:10.1007/s11136-017-1742-y
- 14 **Thayer, Z.** (2018). Developmental Adaptation. *The International Encyclopedia of Biological Anthropology*. doi:10.1002/9781118584538.ieba0132
- 15 **Thayer, Z.,** Agustin Bechayda, S., & Kuzawa, C. (2018). Circadian cortisol dynamics across reproductive stages and in relation to breastfeeding in the Philippines. *American Journal of Human Biology*, 30(4), e23115. doi:10.1002/ajhb.23115
- 16 **Thayer, Z.,** *Wilson, M., Kim, A., & Jaeggi, A. (2018). Impact of prenatal stress on offspring glucocorticoid levels: A phylogenetic meta-analysis across 14 vertebrate species. *Scientific Reports*, 8(1). doi:10.1038/s41598-018-23169-w
- 17 Turner, T., Bernstein, R., Taylor, A., ..., **Thayer, Z.,** ..., & Vogel, E. (2018). Participation, representation, and shared experiences of women scholars in biological anthropology. *American Journal of Physical Anthropology*, 165. doi:10.1002/ajpa.23386
- 18 *Wilson, M. & **Thayer, Z.** (2018). The effects of acculturation on psychological stress measures among young Middle Eastern American Adults. *Annals of Human Biology*, 10, 108. doi:10.1080/03014460.2018.1484160
- 19 Fox, M., **Thayer, Z.,** & Wadhwa, P. (2017a). Acculturation and Health: The Moderating Role of Sociocultural Context. *American Anthropologist*, 119(3). doi:10.1111/aman.12867
- 20 Fox, M., **Thayer, Z.,** & Wadhwa, P. (2017b). Assessment of acculturation in minority health research. *Social Science and Medicine*, 176. doi:10.1016/j.socscimed.2017.01.029
- 21 **Thayer, Z.** (2017). Dark shadow of the long white cloud: Neighborhood safety is associated with self-rated health and cortisol during pregnancy in Auckland, Aotearoa/New Zealand. *SSM - Population Health*, 3. doi:10.1016/j.ssmph.2016.11.004
- 22 **Thayer, Z.,** Barbosa-Leiker, C., McDonell, M., Nelson, L., Buchwald, D., & Manson, S. (2017). Early life trauma, post-traumatic stress disorder, and allostatic load in a sample of American Indian adults. *American Journal of Human Biology*, 29(3). doi:10.1002/ajhb.22943
- 23 **Thayer, Z.,** Blair, I., Buchwald, D., & Manson, S. (2017). Racial discrimination associated with higher diastolic blood pressure in a sample of American Indian adults. *American Journal of Physical Anthropology*, 163(1). doi:10.1002/ajpa.23190

- 24 *Wilson, M. & **Thayer, Z.** (2017). Maternal salivary cortisone to cortisol ratio in late pregnancy: An improved method for predicting offspring birth weight. *Psychoneuroendocrinology*, 78. doi:10.1016/j.psyneuen.2016.12.018
- 25 Non, A. & **Thayer, Z.** (2015). Epigenetics for anthropologists: An introduction to methods. *American Journal of Human Biology*, 27(3). doi:10.1002/ajhb.22679
- 26 **Thayer, Z.** & Kuzawa, C. (2015). Ethnic discrimination predicts poor self-rated health and cortisol in pregnancy: Insights from New Zealand. *Social Science and Medicine*, 128. doi:10.1016/j.socscimed.2015.01.003
- 27 **Thayer, Z.** & Non, A. (2015). Anthropology Meets Epigenetics: Current and Future Directions. *American Anthropologist*, 117(4). doi:10.1111/aman.12351
- 28 Lee, J., Fried, R., **Thayer, Z.**, & Kuzawa, C. (2014a). Preterm delivery as a predictor of diurnal cortisol profiles in adulthood: Evidence from Cebu, Philippines. *American Journal of Human Biology*, 26(5). doi:10.1002/ajhb.22569
- 29 Lee, J., Fried, R., **Thayer, Z.**, & Kuzawa, C. (2014b). Response to Agilli et al. *American journal of human biology : the official journal of the Human Biology Council*, 26(6). doi:10.1002/ajhb.22611
- 30 **Thayer, Z.** (2014a). The author replies. *American Journal of Epidemiology*, 180(3). doi:10.1093/aje/kwu166
- 31 **Thayer, Z.** (2014b). The vitamin D hypothesis revisited: Race-based disparities in birth outcomes in the united states and ultraviolet light availability. *American Journal of Epidemiology*, 179(8). doi:10.1093/aje/kwu023
- 32 **Thayer, Z.** & Kuzawa, C. (2014). Early origins of health disparities: material deprivation predicts maternal evening cortisol in pregnancy and offspring cortisol reactivity in the first few weeks of life. *American journal of human biology : the official journal of the Human Biology Council*, 26(6). doi:10.1002/ajhb.22532
- 33 Kuzawa, C. & **Thayer, Z.** (2013). Toppling typologies: Developmental plasticity and the environmental origins of human biological variation. *Anthropology of Race, Society for Advanced Research*, 43–56.
- 34 **Thayer, Z.** & Dobson, S. (2013). Geographic Variation in Chin Shape Challenges the Universal Facial Attractiveness Hypothesis. *PLoS ONE*, 8(4). doi:10.1371/journal.pone.0060681
- 35 **Thayer, Z.** (2012). Birth in Blockhouse Bay. *Environmental Health Narratives: A reader for youth*, 258–266.
- 36 **Thayer, Z.**, Feranil, A., & Kuzawa, C. (2012). Maternal cortisol disproportionately impacts fetal growth in male offspring: Evidence from the Philippines. *American Journal of Human Biology*, 24(1). doi:10.1002/ajhb.21226
- 37 Kuzawa, C. & **Thayer, Z.** (2011). Timescales of human adaptation: The role of epigenetic processes. *Epigenomics*, 3(2). doi:10.2217/epi.11.11
- 38 **Thayer, Z.** & Kuzawa, C. (2011). Biological memories of past environments: Epigenetic pathways to health disparities. *Epigenetics*, 6(7). doi:10.4161/epi.6.7.16222
- 39 **Thayer, Z.** & Dobson, S. (2010). Sexual dimorphism in chin shape: Implications for adaptive hypotheses. *American Journal of Physical Anthropology*, 143(3). doi:10.1002/ajpa.21330

In Review

- 40 *Farewell, C., Puma, J., **Thayer, Z.**, & Morton, S. (n.d.). Prenatal Stress and Early Childhood Body Mass Index: A Path Analysis Approach. *Maternal and Child Health*.
- 41 **Montgomery, S. & **Thayer, Z.** (n.d.). The Influence of Experiential Knowledge and Societal Perceptions on Decision-Making Regarding Non-Invasive Prenatal Testing (NIPT). *BMC Pregnancy and Childbirth*.
- 42 **Thayer, Z.** (n.d.). Assisted Reproductive Technologies and low birth weight: The potential role of developmental sensitivity to stress. *Evolution, Medicine and Public Health*.

Research Grants, Awards and Fellowships

External

- 2020 **Michael A. Little Early Career Awardee**, Human Biology Association
- 2019 **Health Research Council, New Zealand**, Collaborator, \$4,999,332
- 2018 **Wenner Gren Hunt Fellowship** PI, \$40,000
NSF Dissertation Improvement Grant, co-PI (advisor), \$19,903
- 2017 **University of Auckland School of Population Health Project Seeding Grant**, co-PI, \$10,000
- 2014-2016 **National Institute of Health/National Institute for Minorities and Minority Health Disparities P20 Grant**, Behavioral Research Fellow, \$32,018.
- 2013 **E.E. Hunt Jr. Student prize**, Best paper at Human Biology Association meetings
NSF Dissertation Improvement Grant, co-PI, \$15,357
- 2011 **Wenner Gren Dissertation Fieldwork Grant**, PI, \$20,000
Wenner Gren Dissertation Osmundsen Award, PI, \$5,000
NSF East Asia and Pacific Summer Institutes (EAPSI) Fellow, PI, \$5,561
- 2009-2012 **NSF Graduate Research Fellow**, \$90,000

Internal

- 2019 **Dartmouth College** Goodman Fund Travel Grant
- 2018 **Dartmouth College** Burke Award
- 2017 **Dartmouth College** Dickey Center Travel Award
Dartmouth College Goodman Fund Travel Grant
- 2015 **UCD College of Liberal Arts and Sciences** Dissemination Grant
UCD Young Upwardly Mobile Professional Faculty Development Grant
- 2014 **UCD College of Liberal Arts and Sciences** Dissemination Grant
UCD Young Upwardly Mobile Professional Faculty Development Grant
- 2012 - 2013 **Northwestern University** Presidential Fellowship
- 2012 **Northwestern University** Graduate Research Grant
- 2011 **Northwestern University** Summer Language Grant
LeCron Foster Fund and Friends of Anthropology Grant
- 2009 **Buffett Center** Travel Grant
- 2008 - 2009 **Northwestern University** Darwin Fellow

Published Abstracts & Conference Papers

- 2019 C. Walker, **Z. Thayer**, A. Pillai, E. Marks, K. Waldie, S. Berry, and S. Morton. *Association between maternal depression symptoms and child telomere length: Evidence from Growing Up in New Zealand* American Society for Human Genomics. Houston, Texas
- Z. Thayer**, C. Walker, K. Ly, E. Marks, and S. Morton. *Developmental Origins of Health Disparities: Early life adversity and DNA methylation in Childhood*. American Association of Physical Anthropologist Meetings. Cleveland, Ohio (poster presentation - invited session)
- Farewell, C., and **Z. Thayer**. *Critical Periods of Maternal Stress Exposure and Early Childhood Obesity: Exploring Risk and Protective Factors in New Zealand*. Human Biology Association Meetings. Cleveland, Ohio (poster presentation)
- 2018 **Z. Thayer**. *The Human Life Course: How Stress Influences Health through Intergenerational Pathways* Society for the Advancement of Chicanos and Native Americans in Science Meetings. San Antonio, Texas (paper presentation)
- Z. Thayer**. *Life course and intergenerational pathways for historical trauma to shape health disparities*. Human Biology Association Meetings. Austin, Texas (paper presentation - plenary session)
- 2017 Farewell, C., and **Z. Thayer**. *Maternal Stress and Early Childhood Obesity: Exploring Critical periods of Development in a New Zealand Context*. American Public Health Association Meetings. Atlanta, Georgia (paper presentation)
- Z. Thayer**, U. Running Bear, D. Buchwald, and S. Manson. *Life course trauma and racial discrimination experience in relation to heart rate variability among a sample of American Indians from the Northern Plains*. Human Biology Association Meetings. New Orleans, Louisiana (paper presentation)
- Wilson, M., and **Z. Thayer**. *The Effects of acculturation on stress in young Middle Eastern American students*. Human Biology Association Meetings. New Orleans, Louisiana (poster presentation)
- 2016 **Z. Thayer** and M. Wilson. *Cortisone to cortisol ratio as an alternative measure of HPA-axis function in pregnancy*. Human Biology Association meetings. Atlanta, Georgia (poster presentation)
- 2015 **Z. Thayer** and M. Wilson. *The good, the bad, and the maladapted: Fetal sensitivity in the context of evolutionarily novel environments*. American Anthropological Association meetings. Denver, Colorado (paper presentation)
- Z. Thayer**. *Effects of poor neighborhood quality on maternal and offspring cortisol and methylation*. Society for the Study of Human Biology Meetings. Lisbon, Portugal (paper presentation)
- Z. Thayer** and C. Kuzawa. *Developmental and epigenetic responses to the environment: the embodiment of racial disparities in health in New Zealand*. Invited session at American Association of Physical Anthropology Meetings. St. Louis, Missouri (paper presentation)
- Z. Thayer**, C Barbosa-Leiker, M McDonell, L. Nelson, D. Buchwald, and S. Manson. *Early life stress, PTSD and allostatic load in a sample of American Indian adults*. Human Biology Association, St. Louis, Missouri (poster presentation)
- L. Weiner, and **Z. Thayer**. *Maternal depression and PTSD in the perinatal period in relation to offspring methylation*. International Evolutionary Medicine and Public Health Meetings. Phoenix, Arizona (poster presentation)
- 2014 **Z. Thayer**, C Barbosa-Leiker, M McDonell and L. Nelson. *Early life stress and adult health among a sample of American Indians*. 2014 International Symposium on Minority Health & Health Disparities. Washington DC (paper presentation)

Published Abstracts & Conference Papers (continued)

- Z. Thayer, and CW Kuzawa. *Maternal perinatal PTSD symptoms predict reduced infant cortisol reactivity: Implications for PTSD risk in offspring*. Human Biology Association meetings, Calgary, Canada (poster presentation)
- R. Fried, J. Lee, Z. Thayer, J. Borja, and CW. Kuzawa. *Preterm delivery as a predictor of diurnal cortisol profiles in adulthood: evidence from metropolitan Cebu City, Philippines*. American Association of Physical Anthropologists meetings, Calgary, Canada (poster presentation)
- 2013 Z. Thayer. *Pacific Islander and Maori women have bunted diurnal cortisol decline in pregnancy and give birth to infants with reduced cortisol reactivity: Implications for health disparities research in New Zealand*. Otago International Health Research Network Conference, Dunedin, New Zealand (paper presentation)
- Z. Thayer and CW. Kuzawa. *Fetal Sensitivity to Maternal Environmental Experience*. American Anthropology Association Meetings, Chicago, Illinois (paper presentation)
- CW Kuzawa, Z. Thayer and R. Fried. *Biological Memories of Past Deprivation: Lifecourse and Intergenerational Transmission of Embodied Health Inequality*. American Anthropology Association Meetings, Chicago, Illinois (paper presentation)
- Z. Thayer and CW Kuzawa. *Moving Beyond Genetic Race: Developmental contributions to human variation in New Zealand*. American Association of Physical Anthropologists Meetings, Knoxville, Tennessee. (poster presentation)
- Z. Thayer and CW Kuzawa. *Intergenerational effects of maternal experience: Influence of SES on maternal and offspring stress physiology in New Zealand*. Human Biology Association Meetings, Knoxville, Tennessee. (paper presentation)
- 2012 CW Kuzawa, LT Gettler, Z Thayer, TW McDade. *The Testosterone Awakening Drop: Rapid post-waking decline in testosterone in males and females*. Human Biology Association Meetings, Portland, Oregon. (poster presentation)
- 2011 Z. Thayer. *Vitamin D hypothesis revisited: Do differences in UV exposure contribute to disparities in birth outcomes within the United States?* GLASS AGEP Professional Development Conference in Chicago, Illinois. (paper presentation)
- Z. Thayer and C. Kuzawa. *Diurnal cortisol profiles in pregnancy: Does the pattern of cortisol secretion vary across populations or by birth weight?* Human Biology Association Meetings, Minneapolis, Minnesota. (paper presentation)
- 2010 K. Rankin, T. Lyons, Z. Thayer, J.W. Collins, Jr. *Like Mother, Like Daughter: The Intergenerational Cycle of Teen Motherhood in the Context of Race and Lifelong Neighborhood Economic Environment*. Maternal and Child Health Epidemiology Conference, San Antonio, Texas. (paper presentation)
- Z. Thayer and C. Kuzawa. *Diurnal cortisol rhythms and birth weight in the Cebu Study*. Human Biology Association Meetings, Albuquerque, New Mexico. (poster presentation)
- 2009 Z. Thayer and C. Kuzawa. *Diurnal cortisol rhythms and birth weight in the Cebu Study*. Developmental Origins of Health and Disease Conference, Santiago, Chile. (poster presentation)
- 2008 Z. Thayer and S. Dobson. *On the adaptive value of the chin from the perspective of sexual dimorphism*. Northeast Anthropology Association Meetings, Amherst, Massachusetts. (paper presentation)

Invited presentations

- 2019 Senckenberg Research Institute and Natural History Museum Frankfurt, Germany, Evolutionary Medicine: the Biocultural Perspective Workshop

Invited presentations (continued)

- Dickinson College**, Clarke Forum for Contemporary Issues Invited Speaker Series
Leiden University, the Netherlands, Lorentz Center "Better Safe than Stressed" Workshop
George Washington University, International Research Unit (Epi)Genetics, Data, Politics
- 2018 **University of Michigan**, Department of Anthropology
University of Auckland, Centre for Longitudinal Research
University of Tennessee Knoxville, Anthropology Visiting lecture series
Arizona State University, Traumatic Stress and Moral Injury Workshop
Norwich Inn, Vermont Center for Ecostudies, Public lecture
- 2017 **CUNY Graduate Center**, New York Consortium for Evolutionary Primatologists
Duke University, Department of Evolutionary Anthropology
University of Waikato, New Zealand, Department of Anthropology
American Museum of Natural History, Leakey Foundation Lecture
Butler University, TedX Indianapolis
- 2016 **University of Illinois Urbana Champaign**, Biohumanities Interchange
Dartmouth College, Department of Anthropology
University of Oregon, Clark Honors College
Arizona State University, School of Human Evolution and Social Change
Arizona State University, Center for Evolutionary Medicine
University of Pennsylvania, Department of Anthropology
University of Colorado, Indigenous Knowledge Series
University of Colorado Denver, Department of Psychology
- 2015 **University of Oregon**, Department of Anthropology
Yale University, BioAnthropology
University of Colorado Denver, Department of Health and Behavioral Sciences
University of Colorado Boulder, Department of Anthropology
University of Denver, Department of Psychology
University of Colorado School of Medicine, Developmental Psychobiology Research Group
Denver Museum of Nature and Science, Public lecture
- 2014 **Nerd Nite Denver**, Public lecture
University of Colorado Denver, Department of Integrative Biology
University of Colorado Denver, Indigenous day speaker
University of Kansas Medical Center, Invited speaker
- 2013 **Ohomairangi Trust**, Public lecture
University of Auckland, Department of Anthropology
Whariki Health Research Group, Invited lecture
Maternal Mental Health & Child and Adolescent Mental Health Services, Counties Manukau Health Board, Public lecture
Whakatupu Ora - Infant Mental Health Service, Counties Manukau District Health Board, Public lecture
Tomaiora Te Kete Hauora Maori, Invited lecture

Invited presentations (continued)

- Liggins Institute, Lecture series
Maternal Mental Health Services, Auckland District Health Board, Public lecture
Auckland District Health Board, Public lecture
- 2011 Liggins Institute, Lecture series
- 2010 Liggins Institute, Lecture series
Faculty of Medical and Health Sciences, Auckland, Tōmaiōra Seminar Series
Massey University, Department of Anthropology

Teaching & Advising

Grants and Awards

- 2019 Dartmouth College Center for Service Social Impact Practicum
Dartmouth College Rockefeller Center Classroom Enhancement Grant
- 2018 Dartmouth College Center for Service Social Impact Practicum
- 2017 Dartmouth College Dean of Faculty Mentoring Award

Courses taught

- Dartmouth College Introduction to Biological Anthropology
Human Biological Variation
Health & Disease in Evolutionary Perspective
Evolution of Pregnancy, Birth & Babies
- University of Colorado Denver Introduction to Biological Anthropology
Evolutionary Medicine
Modern Human Biological Variation
- Northwestern University Human Origins
- Additional Curriculum Development Summer Enrichment at Dartmouth - Evolutionary Medicine
ACF Tribal Grantee Meeting workshop on Adverse Childhood Experiences and Health
Curriculum Developer for Natural Sciences Department Boundless Learning
Instructor, TalentSparks Science Teachers workshop

Teaching & Advising (continued)

Student Advising

Undergraduate Mentoring

Current:

Presidential Scholar: Odalis Hernandez Medrano

Junior Research Scholar: Shelby Snyder

Senior thesis: Nathanael Gallagher

Past:

Presidential Scholar: Sophie Montgomery

Independent Study: Andie Conching; Adam Couitt; Kaija Stern; Alex Hawley; Sophie Montgomery

Melon Mays: Alex Hawley

Women in Science Project: Veronioca Shea; Laura Francisco

Junior Research Scholar: Lillian Clark; Elizabeth Clark

Research Assistant: Adam Couitt

Graduate Mentoring

Current:

PhD thesis chair: Chlöe Sweetman

PhD thesis committee: Catherine Miller; Rob Tennyson (University of Washington); Rachel Wilbur (University of North Carolina)

Past:

PhD thesis chair: Charlotte Farewell (now Senior Research Instructor Colorado School of Public Health)

Masters thesis chair: Meredith Wilson (now PhD student at University of Illinois)

Masters thesis committee member: Krista Fuentes; Elicia Abella; Tracey Lancaster; Antonia Vita; Caitlin Anderson; Kathryn Scheyer

MALS thesis committee Quinn Brueggemann

Academic Service

Professional level

- 2019 - Date **Human Biology Association**, Program Committee
- 2016 - Date **American Association for the Advancement of Science**, Board Appointed Committee on Opportunities in Science
- 2016 - 2017 **American Association of Physical Anthropologists**, Judge for Pollitzer Prize and Student Presentations
- Human Biology Association**, Program Committee
- 2015 - 2018 **American Association of Physical Anthropologists**, Committee on Diversity Appointed Increasing Diversity in Anthropological Sciences (IDEAS) faculty member
- 2014 - 2015 **American Association of Physical Anthropologists**, Mid-career women's mentoring workshop steering committee
- American Anthropological Association**, Local program committee

University level

- 2019 - Date **Graduate Women Association, Dartmouth College**, Faculty advisor

Academic Service (continued)

2018 - Date	Department of Anthropology, Dartmouth College, Goodman Fund committee
2016 - 2018	Department of Anthropology, Dartmouth College, Colloquium committee
2015 - 2016	President, University of Colorado Professional Chapter, Society for the Advancement of Chicanos and Native Americans in Science
2014 - 2016	University of Colorado Denver College of Liberal Arts & Sciences, Scholarship Committee

Invited Reviewer

Publications: American Anthropologist; American Indian & Alaska Native Mental Health Research; American Journal of Human Biology; American Journal of Perinatology; American Journal of Physical Anthropology; American Journal of Public Health; Annals of Anthropological Practice; Annals of Behavioral Medicine; Annals of Epidemiology; Annals of Human Biology; British Journal of Nutrition; Building Babies: Primate Developmental Trajectories in Proximate and Ultimate Perspectives (edited volume); Child Development; Developmental Psychobiology; eLife; Evolutionary Anthropology; Evolution, Medicine & Public Health; Hormones & Behavior; Journal of Clinical Medicine; Journal of Psychiatric Research; PLOS ONE; Psychoneuroendocrinology; Scientific Reports; Social Science & Medicine; SSM - Population Health; Transgenerational Epigenetics (edited volume)

Grant Review: Leakey Foundation (ad hoc); National Science Foundation (ad hoc); National Institutes of Health (panel)

Professional Organizations

2016 - Date	American Association for the Advancement of Science
2013 - Date	American Anthropological Association
2011 - Date	Society for the Advancement of Chicanos and Native Americans in Science
2008 - Date	American Association of Physical Anthropologists Human Biology Association

Updated December 2019