

# Zaneta M. Thayer, Ph.D.

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## Academic Appointments

2021 – Date	Associate Professor, Anthropology, Dartmouth College
2020 – Date	Faculty Affiliate, Society of Fellows, Dartmouth College
2016 – 2021	Assistant Professor, Anthropology, Dartmouth College
2014 – 2016	Assistant Professor, Anthropology, University of Colorado Denver

## Education

2008 – 2013	Ph.D. Biological Anthropology, Northwestern University, <i>Presidential Fellow</i>
2004 – 2008	A.B. Biology & A.B. Anthropology, Dartmouth College, <i>cum laude</i>

## Research Expertise

Human biology; Developmental plasticity; Health disparities; Intergenerational effects

## Publications

\* \*\* = Dartmouth undergraduate student co-author (5 publications)

\* \* = Graduate student co-author (9 publications)

\* = Postdoctoral Fellow mentee co-author (10 publications)

### Published/In press

- 1 Brewis, A., Piperata, B., ..., **Thayer, Z.**, Wander, K., & Gravlee, C. [C.]. (n.d.). Biocultural strategies for stress measurement in field-based research. *Field Methods*.
- 2 **Thayer, Z.** & \*Gildner, T. (n.d.[a]). Developmental Origins of Health and Disease: Evidence and Pathways. *Routledge Handbook on Anthropology and Reproduction*.
- 3 \*\*Farewell, C., Quinlan, J., Melnick, E., Lacy, R., Kauie, M., & **Thayer, Z.** (2021). Protective resources that promote wellbeing among New Zealand moms with young children facing socioeconomic disadvantage. *Women and Health*. doi:https://doi.org/10.1080/03630242.2021.1953677
- 4 \*\*Farewell, C., **Thayer, Z.**, Puma, J., & Morton, S. (2021). Prenatal Stress and Early Childhood Body Mass Index: A Path Analysis Approach. *Maternal and Child Health*. doi:https://doi.org/10.1007/s10995-020-03060-9
- 5 Fuentes, A., Mullings, L., Gravlee, C. [C], Roberts, D., **Thayer, Z.**, & Benn Torres, J. (2021). The Biology of Racism. *American Anthropologist*. doi:https://doi.org/10.1111/aman.13630
- 6 \*Gildner, T. & **Thayer, Z.** (2021). Maternity Care Preferences for Future Pregnancies among U.S. Childbearers: The Impacts of COVID-19. *Frontiers in Sociology*. doi:https://doi.org/10.3389/fsoc.2021.611407
- 7 Salas, L., Peres, L., **Thayer, Z.**, \*Smith, R., Guo, Y., Si, J., & Chung, W. (2021). A transdisciplinary approach to understand the epigenetic basis of race/ethnicity health disparities. *Epigenomics*. doi:https://doi.org/10.2217/epi-2020-0080

- 8 \*\*\*Sherin, M., \*Gildner, T., & **Thayer, Z.** (2021). Associations between COVID-19-Related Changes to Pregnant Women's Work-Plans and Prenatal Depression. *Frontiers in Global Women's Health*. doi:<https://doi.org/10.3389/fgwh.2021.639429>
- 9 \*Uwizeye, G., **Thayer, Z.**, & ... Rutherford, J. (2021). Double Jeopardy: Health Outcomes of Exposure to Genocidal Rape versus Genocide alone among Rwandan Adults Conceived During the Genocide against Tutsi. *Social Science and Medicine*. doi:<https://doi.org/10.1016/j.socscimed.2021.113938>
- 10 \*Gildner, T., \*\*Laugier, E., & **Thayer, Z.** (2020). Exercise routine change is associated with prenatal depression scores during the COVID-19 pandemic among pregnant women across the United States. *PLoS One*, 15, e0243188. doi:10.1371/journal.pone.0243188
- 11 \*Gildner, T. & **Thayer, Z.** (2020a). Birth plan alterations among American women in response to COVID-19. *Health Expectations*. doi:<https://doi.org/10.1111/hex.13077>
- 12 \*Gildner, T. & **Thayer, Z.** (2020b). Maternal and child health during the COVID-19 pandemic: Contributions in the field of human biology. *American Journal of Human Biology*. doi:<https://doi.org/10.1002/ajhb.23494>
- 13 \*\*\*Montgomery, S. & **Thayer, Z.** (2020). The Influence of Experiential Knowledge and Societal Perceptions on Decision-Making Regarding Non-Invasive Prenatal Testing (NIPT). *BMC Pregnancy and Childbirth*, 20, 630. doi:10.1186/s12884-020-03203-4
- 14 **Thayer, Z.** (2020). Assisted reproductive technologies, psychosocial stress, and low birth weight. *Evolution, Medicine, and Public Health*. doi:<https://doi.org/10.1093/emph/eoaa008>
- 15 **Thayer, Z.** & \*Gildner, T. (2020). COVID-19-associated financial stress predicts significantly higher depression symptoms among pregnant American women. *American Journal of Human Biology*. doi:<https://doi.org/10.1002/ajhb.23508>
- 16 **Thayer, Z.**, Rutherford, J., & Kuzawa, C. (2020). The Maternal Nutritional Buffering Model: An evolutionary framework for pregnancy nutritional intervention. *Evolution, Medicine, and Public Health*, 2020(1), 14–27. doi:<https://doi.org/10.1093/emph/eoz037>
- 17 \*\*\*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>
- 18 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
- 19 Non, A. & **Thayer, Z.** (2019). Epigenetics and Human Variation. *Companion to Anthropological Genetics, Wiley-Blackwell Companion Series*, 293–308. doi:10.1002/9781118768853.ch19
- 20 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
- 21 \*\*\*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
- 22 **Thayer, Z.** (2019). Early life adversity and the value of diversity. *American Anthropologist*, 121, 484–485. doi:10.1111/aman.13221

- 23 **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.
- 24 **Thayer, Z. & \*\*Sweetman, C.** (2019). Intergenerational effects: How maternal adversity impacts offspring. *eLife*, 8, e51206. doi:10.7554/eLife.51206
- 25 **\*\*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
- 26 **\*\*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
- 27 **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
- 28 **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
- 29 **Thayer, Z.** (2018). Developmental Adaptation. *The International Encyclopedia of Biological Anthropology*. doi:10.1002/9781118584538.ieba0132
- 30 **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
- 31 **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
- 32 **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
- 33 **\*\*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
- 34 **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
- 35 **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
- 36 **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
- 37 **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
- 38 **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

- 39 \*\*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
- 40 Non, A. & Thayer, Z. (2015). Epigenetics for anthropologists: An introduction to methods. *American Journal of Human Biology*, 27(3). doi:10.1002/ajhb.22679
- 41 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
- 42 Thayer, Z. & Non, A. (2015). Anthropology Meets Epigenetics: Current and Future Directions. *American Anthropologist*, 117(4). doi:10.1111/aman.12351
- 43 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
- 44 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
- 45 Thayer, Z. (2014a). The author replies. *American Journal of Epidemiology*, 180(3). doi:10.1093/aje/kwu166
- 46 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
- 47 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
- 48 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.
- 49 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
- 50 Thayer, Z. (2012). Birth in Blockhouse Bay. *Environmental Health Narratives: A reader for youth*, 258–266.
- 51 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
- 52 Kuzawa, C. & Thayer, Z. (2011). Timescales of human adaptation: The role of epigenetic processes. *Epigenomics*, 3(2). doi:10.2217/epi.11.11
- 53 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
- 54 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

- 55 \*\*Farewell, C., **Thayer, Z.**, Leiferman, J., & Quinlan, J. (n.d.). Social and Cultural Processes that impact Wellbeing of New Zealand moms with young children. *Society and Mental Health*.
- 56 \*Gildner, T., \*Uwizeye, \*\*\*Alston, G., \*\*\*Milner, B., & **Thayer, Z.** (n.d.). Postpartum depression during the COVID-19 pandemic: The importance of instrumental support. *BMC Pregnancy and Childbirth*.
- 57 **Thayer, Z.** & \*Gildner, T. (n.d.[b]). Reported information sharing and satisfaction with maternity care providers during the COVID-19 pandemic: Associations with socioeconomic status and shifts to telehealth. *Birth*.
- 58 Walker, C., **Thayer, Z.**, Pillai, A., Marks, E., Waldie, K., Berry, S., & Morton, S. (n.d.). Association between maternal depression symptoms and child telomere length: Evidence from Growing Up in New Zealand. *Nature Translational Psychiatry*.

## Research Grants, Awards and Fellowships

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### External

- 2020 **Michael A. Little Early Career Award**, Human Biology Association  
**University of Auckland School of Population Health Project Seeding Grant**, co-PI, \$10,000
- 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

- 2021 **Dartmouth College** Petit Family Fellowship
- 2020 **Dartmouth College** Junior Faculty Fellowship
- 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

## Research Grants, Awards and Fellowships (continued)

- 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

- 2021            C. Sweetman, T. Gildner and **Z. Thayer**. Breastfeeding during breakout: Findings from the COVID-19 and Reproductive Effects (CARE) study. Human Biology Association Meetings, virtual (poster presentation)
- Z. Thayer**, G. Uwizeye, G. Alson, A. Lu, R. Milner, T. Gildner. Fear of childbirth is associated with birth outcomes during the COVID-19 pandemic among a sample of pregnant persons in the US. Human Biology Association Meetings, virtual (poster presentation)
- 2020            Farewell, C., Leaferman, J., **Z. Thayer**, Puma, J. Associations between perinatal mental health and early childhood obesity in a multi-ethnic pregnancy cohort study American Public Health Association meeting (paper presentation)
- Z. Thayer**, C. Walker, K. Ly, S. Berry, and S. Morton. *What is the best way to measure biological impacts of early adversity? Assessing the biological impacts of early life threat versus deprivation* Human Biology Association, Los Angeles, California (paper presentation; cancelled due to COVID-19)
- 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* Developmental Origins of Health and Disease. Melbourne, Australia
- 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)

## Published Abstracts & Conference Papers (continued)

- 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)
- 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 blunted 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)

## **Published Abstracts & Conference Papers (continued)**

- 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 AGE 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 (including currently scheduled)**

### External

- 2021 **Harvard University**, Department of Systems Biology  
**Notre Dame University**, Keynote Inaugural Speaker, Department of Anthropology  
**Emory University**, Armelagos Lecture in Biocultural Anthropology  
**Duke University**, Department of Evolutionary Anthropology  
**Yale University**, Department of Anthropology  
**Cleveland Museum of Natural History**, Leakey Foundation and AAPA virtual public program  
**Club EvMed**, Virtual Evolutionary Medicine Conversations  
**George Washington University**, Department of Anthropology
- 2020 **University of Pittsburgh**, Department of Anthropology  
**New York University**, Department of Anthropology  
**University of California Los Angeles**, Department of Anthropology  
**San Francisco State University**, Department of Anthropology  
**Bucknell University**, Department of Biology  
**University of Auckland**, Centre for Longitudinal Research Seminar (cancelled due to COVID-19)
- 2019 **Senckenberg Research Institute and Natural History Museum Frankfurt, Germany**, Evolutionary Medicine: the Biocultural Perspective Workshop  
**Dickinson College**, Clarke Forum for Contemporary Issues Invited Speaker Series  
**Leiden University, the Netherlands**, Lorentz Center "Better Safe than Stressed" Workshop



## **Invited presentations (including currently scheduled) (continued)**

- 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  
**Max Planck Institute for Evolutionary Anthropology**, Workshop on field site management (declined - maternity leave)  
**University at Albany**, Department of Anthropology (cancelled - maternity leave)  
**University of California Santa Barbara**, Department of Anthropology (cancelled - maternity leave)
- 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
- 2015 **University of Oregon**, Department of Anthropology  
**Yale University**, BioAnthropology  
**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 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  
**Liggins Institute**, Lecture series  
**Maternal Mental Health Services, Auckland District Health Board**, Public lecture  
**Auckland District Health Board**, Public lecture

## **Invited presentations (including currently scheduled) (continued)**

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- 2011 **Liggins Institute**, Lecture series
- 2010 **Liggins Institute**, Lecture series  
**Faculty of Medical and Health Sciences, Auckland**, Tōmaiora Seminar Series  
**Massey University**, Department of Anthropology
- Internal
- 2021 **Dartmouth Geisel Medical School**, M1 Patients and Populations Course
- 2020 **Dartmouth College**, Guest lecture for EEES 135: Foundations in Ecosystems and Society  
**The Dartmouth Institute**, Health Equity Seminar Series  
**Dartmouth Geisel Medical School**, Physicians for Human Rights Conference  
**Dartmouth College**, Nathan Smith Premedical Society, Medicine and Justice Scholars speaker series  
**Dartmouth Women in Science Program**, Science Faculty Spotlight  
**Dartmouth Geisel Medical School**, M2 Patients and Populations Course
- 2019 **Dartmouth College**, 100 Years of Women on the Faculty  
**Dartmouth College**, Globe Med undergraduate group  
**Dartmouth College**, Pathways to Scholars Program
- 2018 **Dartmouth Geisel Medical School**, Department of Epidemiology  
**Dartmouth College**, Institutional Diversity and Equity Summit  
**Dartmouth College**, Guest lecture for AAAS 63: Race Matters  
**Dartmouth College**, Pathways to Scholars Program  
**Dartmouth College**, Globe Med undergraduate group  
**Dartmouth College**, First Year Trips Faculty speaker (declined due to maternity leave)  
**Dartmouth Center for the Advancement of Learning** , Workshop on soliciting student feedback
- 2017 **Dartmouth College**, Guest lecture for ANTH 12.22: The Culture, Science, and Practice of Wellness  
**Dartmouth College**, Anthropology Day Lecture at North Park House  
**Dartmouth College**, New Faculty Orientation  
**Dartmouth College**, First Year Trips Faculty speaker
- 2016 **University of Colorado Denver**, Department of Psychology
- 2015 **University of Colorado Denver**, Department of Health and Behavioral Sciences
- 2014 **University of Colorado Denver**, Department of Integrative Biology

## **Teaching & Advising**

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### **Grants and Awards**

- 2019 **Dartmouth College** Center for Service Social Impact Practicum  
**Dartmouth College** Rockefeller Center Classroom Enhancement Grant

## Teaching & Advising (continued)

- 2018 **Dartmouth College** Top Professors, Class of 2018, Aegis (Dartmouth Yearbook)  
**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

### Advising

- Undergraduate Mentoring
- Current:**  
**Senior honors thesis:** Grace Rubin  
**Presidential Scholar:** Aditi Gupta; Emily Lu  
**Stamps Research Scholar:** Erika Hernandez  
**Research Assistant:** Suzanna Geisel-Zamora; Jeremy Rodriguez
- Past:**  
**Senior honors thesis:** Nathanael Gallagher  
**Presidential Scholar:** Sophie Montgomery; Odalis Hernandez Medrano; Erika Hernandez  
**Sophomore Research Scholar:** Erika Hernandez; Katherine Fearon; Aditi Gupta; Sara Fragione; Emily Lu  
**Junior Research Scholar:** Cecily Craighead; Shelby Snyder; Lillian Clark; Elizabeth Clark; Rena Schwartz  
**Independent Study:** Andie Conching; Adam Couitt; Kaija Stern; Alex Hawley; Sophie Montgomery  
**Melon-Mays:** Alex Hawley  
**Women in Science Project:** Veronioca Shea; Laura Francisco  
**Research Assistant:** Adam Couitt; Rebecca Milner; Amanda Lu; Grace Alston; Margaret Sherin; Daniela Orozco Rendon

## Teaching & Advising (continued)

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### 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

### Postdoctoral Fellow Mentoring

**Current:** Glorieuse Uwizeye

**Past:** Theresa Gildner (now Assistant Professor Washington University at St. Louis); Rick Smith (now Assistant Professor George Mason University)

## Academic Service

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### 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 - Date **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 **Dartmouth College**, Faculty review committee for exchange program with University of Auckland
- 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

## Academic Service (continued)

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### Invited Reviewer

**Publications, 31 journals:** 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; Behavioral Ecology & Sociobiology; BMC Pregnancy and Childbirth; BMC Public Health; British Journal of Nutrition; Child Development; Developmental Psychobiology; eLife; Evolutionary Anthropology; Evolution, Medicine & Public Health; Hormones & Behavior; Journal of Clinical Medicine; Journal of Psychiatric Research; Journal of Psychosomatic Research; PLOS ONE; Proceedings of the National Academy of Sciences (PNAS); Psychoneuroendocrinology; Science; Scientific Reports; Social Science & Medicine; SSM - Population Health; Translational Psychiatry

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

### 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 September 2021*