

AMANDA VEILE, PhD.

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Mailing Address

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EDUCATION

- 2011 **Degree:** Ph.D.
Evolutionary Anthropology
Department of Anthropology, University of New Mexico, Albuquerque, NM
- 2006 **Degree:** M.S.
Anthropology, Human Evolutionary Ecology emphasis
Department of Anthropology, University of New Mexico, Albuquerque, NM
- 2004 **Degree:** B.S. Summa cum laude
Anthropology major and Biology minor
Department of Anthropology, University of New Mexico, Albuquerque, NM

PROFESSIONAL EMPLOYMENT

- 2023- Associate Professor, Biological Anthropology
- 2015-2023 Assistant Professor, Biological Anthropology
- 2015- Director, Laboratory for Behavior, Ontogeny and Reproduction
Department of Anthropology, Purdue University, West Lafayette, IN
- 2014-2015 Visiting Assistant Professor, Biological Anthropology
Department of Anthropology, Dartmouth College, Hanover, NH
- 2012-2014 Lecturer, Biological Anthropology
Department of Anthropology, University of Massachusetts, Boston MA
- 2011-2012 Postdoctoral Fellow
Department of Human Evolutionary Biology, Harvard University, Cambridge, MA

PROFESSIONAL AFFILIATIONS

- 2022- **Appointment:** Courtesy Faculty
Department of Public Health, Purdue University, West Lafayette, IN, USA
- 2019- **Appointment:** Faculty Partner
Center for Families, Purdue University, West Lafayette, IN, USA
- 2015- **Appointment:** Faculty Associate
Center on Aging and the Life Course, Purdue University, West Lafayette, IN, USA
- 2015- **Appointment:** Executive Committee Member
Ingestive Behavior Research Center, Purdue University, West Lafayette, IN, USA

PUBLICATIONS

Peer Reviewed Articles

*Denotes student author **Denotes equal effort between authors

- 2023 **Veile, A**, Chavez Cabello, R, Otárola-Castillo, E, Rojas-Bravo, V, Turner, G.* “Urbanization, Migration, and Indigenous Health in Peru.” *American Journal of Human Biology* (accepted).
- 2023 Seabright, Edmond, et al. "Repercussions of patrilocal residence on mothers' social support networks among Tsimane forager–farmers." *Philosophical Transactions of the Royal Society B*, 378.1868:20210442.
- 2022 **Veile, A**, Kramer, K, & Otárola-Castillo, E. (2022). Household conditions modulate associations between cesarean delivery and childhood growth. *American Journal of Biological Anthropology*, 179(1), 85– 103.
- 2022 **Veile, A**, Azcorra, H, Christopher, L*, Varela-Silva, I, Dickinson, F, Kramer, K. “Differences in Nutritional Status Between Rural and Urban Yucatec Maya Children: The Importance of Early Life Conditions.” *American Journal of Biological Anthropology*, 178(2), 205– 222.
- 2020 Miller, V*, VanWormer L, **Veile, A**. “Assessment of Attention in Biological Mothers using the Attention Network Test – Revised.” *Current Psychology*. <https://doi.org/10.1007/s12144-020-00826-w>.
- 2019 Rosenberg, K**, **Veile, A****. The Evolutionary and Biocultural Causes and Consequences of Rising Cesarean Birth Rates. *American Journal of Human Biology* 31: e23230.
- 2019 **Veile, A**, Faria, A*, Tuller, S*, Rivera, S*, Kramer, K. “Birth Mode, Breastfeeding and Childhood Infectious Morbidity in the Yucatec Maya.” *American Journal of Human Biology* 31: e23218.
- 2019 **Veile, A**, Valeggia, C, Kramer, K. Cesarean Birth and the Growth of Yucatec Maya and Toba/Qom Infants and Young Children. *American Journal of Human Biology* 31: e23228.
- 2019 Martin, M, **Veile, A**, Valeggia, C. “Birth mode and infectious morbidity risks in indigenous Qom children of Argentina.” *American Journal of Human Biology* 31: e23200.
- 2018 **Veile, A**, Miller, V.* “Breastfeeding in Ancestral Environments.” *Encyclopedia of Evolutionary Psychological Science*. Shackelford, T. and Weekes-Shackelford, V (editors).
- 2018 **Veile, A**. “An Overview of Hunter-Gatherer Diets and Human Behavioral Evolution.” *Physiology & Behavior* 193 pp. 190-195.
- 2018 Kramer, K, **Veile, A**. “Infant Allocare in Traditional Societies.” *Physiology & Behavior* 193a pp. 117-126.
- 2017 **Veile, A**, Kramer, K. “Childhood Body Mass is Positively Associated with Cesarean Birth in Yucatec Maya Subsistence Farmers.” *American Journal of Human Biology*, 29: e22920.

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- 2016 Kramer, K**, Veile, A**, Otárola-Castillo, E. “Sibling Competition & Growth Tradeoffs. Biological vs. Statistical Significance.” *PloS One* 3/3/16.
- 2015 Veile, A, Kramer, K. “Changing Birth and Breastfeeding Dynamics in a Modernizing Indigenous Community.” *Journal of Human Lactation*, 30:1 pp. 145-155.
- 2014 Veile, A, Martin, M*, McAllister, L*, Gurven, M. “Modernization is Associated with Intensive Breastfeeding in the Bolivian Amazon.” *Social Science and Medicine*, 100 pp. 148-158.
- 2012 Veile, A, Winking, J, Gurven, M, Greaves, R, Kramer, K. “Infant Growth and the Thymus: Data from Two South American Native Societies.” *American Journal of Human Biology* 24 pp. 768-775.

Submitted/Under Review

- 2023 Anderson-Chavarria, L*, Veile, A. “Comparison of Amish versus non-Amish Out-of-Hospital Birth Outcomes in the United States.” *Birth* (under revision).

Book Chapters

- 2023 Veile, A. “Globalization, Diet and Child Health in Three Latin American Indigenous Populations.” Datta Banik, S (editor). Human Growth and Nutrition in Latin American Countries. Springer (in press).
- 2021 Kramer, K, Veile, A, Ivey, P. “Conceiving Reproduction in Biological Anthropology.” Han, S, Tomori, C (editors). The Routledge Handbook of Anthropology and Reproduction. Routledge.
- 2020 Veile, A, Asaf*, S, Otárola-Castillo, E, Kramer, K. “Hydration, Lactation and Child Health in the Yucatec Maya.” Dickinson, F, Azcorra, H. (editors). Environment and Health in the Yucatan Peninsula. A Human Ecology Perspective, Springer, Cham pp. 159-176.
- 2018 Veile, A, Kramer, K. “Pregnancy, Birth, and Babies: Motherhood and Modernization in a Yucatec Village.” In Schwartz, D. (editor). Maternal Death and Pregnancy-Related Morbidity among Indigenous Women in México and Central America. An Anthropological, Epidemiological and Biomedical Approach, Springer, pp. 205-223.
- 2017 Veile, A, Kramer, K. “Shifting Weanling’s Optimum: Breastfeeding Ecology and Infant Health in Yucatán.” In Palmquist, A, Tomori, C, Quinn, E. (eds). Breastfeeding: New Anthropological Approaches. Routledge, pp. 170-184.

Book Reviews

- 2018 Inderstrod, J*, Veile, A. “Book Review: Tell Me Why My Children Died: Rabies, Indigenous Knowledge, and Communicative Justice.” *The Journal of Latin American and Caribbean Anthropology*, 23.1 pp. 213-215.
- 2018 Veile, A., Rivera, S.* “Book Review: White Gold: Stories of Breast Milk Sharing” by Susan Falls. *American Journal of Human Biology* 30: e23191.

AWARDS AND FUNDING

Submitted

2023 U.S. Department of Health & Human Services Health Resources & Services Administration (HRSA) Research Grant. *"Perceived Discrimination as a Predictor of Maternal Mental Health, Traumatic Childbirth, and Breastfeeding Outcomes"* (PI: Azza Ahmed, CO-I: Karen Foli, Zachary Hass).

In prep

2023 National Science Foundation BioAnthropology Senior Research Grant. *"Effects of Modernizing Influence on Growth and the Gut Microbiome of Indigenous Children."* Due May 2023. (CO-I: Maria Gloria Dominguez-Bello, Sudip Datta Banik, Karen Kramer)

Funded

2023 Center for Families Faculty Fellowship, Purdue University (\$10,000)

2022 Offices of the Executive Vice President for Research and Partnerships (EVPRP) COVID-19 Research Disruption Fund (\$25,000)

2017-2022 National Institutes of Health: Clinical and Translational Sciences Institute (CTSI). *"Birth in Transition: Implications for Child Growth and Gut Microbiome Maturation"* (\$10,000)

2019-2020 Global Synergy Grant, Purdue University: *"Urbanization, Migration and Indigenous Health in Perú"* (\$25,000)

2018-2019 Kinley Fellowship, Purdue University (\$20,000)

2018 Purdue University Laboratory Research Equipment Grant (\$7,000)

2017-2018 Exploratory Research in the Social Sciences Grant, Purdue University. *"Biology and Socioecology of Birth and Early Childhood Maturational Processes: A Semi-Longitudinal Study of Yucatec Maya Subsistence Farmers"* (\$35,000)

2016 Purdue Research Foundation Faculty Summer Grant. *"Assessing the Costs and Benefits of the Medicalization of Birth and Increasing Cesarean Birth Rates in Maya Subsistence Farmers"* (\$8,000)

2015-2016 Claire Garber Goodman Grant, Department of Anthropology, Dartmouth College. *"Changing Birth Dynamics in a Yucatec Maya Community: Do Cesarean Births Undermine Child Health?"* (\$5,000)

2012 Postdoctoral Award for Professional Development, Harvard University (\$1,500)

2011 Harvard University Fellow, Department of Human Evolutionary Biology (\$4,000)

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Predocctoral Awards and Funding (Selected)

- 2008-2009 Spuhler Fellowship, University of New Mexico (\$7,000)
- 2007 National Science Foundation Research Experience for Graduate Students (\$5,000)
- 2005-2008 National Science Foundation Graduate Research Fellowship (\$120,000)
- 2004-2005 New México Graduate Scholars Award, University of New México
- 2003 National Science Foundation Research Experience for Undergraduate Students (\$4,000)

Teaching Awards and Nominations (Purdue University)

- 2023 Nominated: College of Liberal Arts Charles Murphy Exceptional Early Career Teaching Award
- 2020 Nominated: College of Liberal Arts Kofmehl Undergraduate Teaching Award
- 2020 Nominated: College of Liberal Arts Outstanding Graduate Teacher Award
- 2019 Recipient: Anthropology Department Graduate Teaching/Mentoring Award
- 2019 Nominated: College of Liberal Arts Charles Murphy Exceptional Early Career Teaching Award
- 2017 Nominated: Purdue Anthropology Department “Excellence in Teaching” Award
- 2016 Recipient: Purdue Anthropology Department “Excellence in Teaching” Award

INVITED LECTURES

- 2022 *How Our Babies Made Us Human*. Invited Public Lecture, The Milk Bank, Indianapolis, IN, USA (Aug 30, online).
- 2020 *La Investigación y Voluntariado Universitario Como Eje Sostenible de Responsabilidad Social*. Keynote Lecture, “I Encuentro Internacional de Voluntarios de Responsabilidad Social Universitaria” (First Annual Meeting of Social Responsibility University Volunteers), Universidad Nacional Hermilio Valdizán, Huánuco, Perú (Aug 20, online due to COVID-19 pandemic).
- 2020 *Globalization, Human Biology and Indigenous Health: Evolutionary and Biocultural Causes and Consequences of the Cesarean Epidemic in Latin America*. Emory University, Department of Anthropology, Atlanta, GA, USA (March 19, online due to COVID-19 pandemic).
- 2020 *Causes and Consequences of Rising Cesarean Delivery Rates in Latin America*. University of Illinois Chicago, Department of Anthropology, Chicago, IL, USA (Jan 31).
- 2019 *Urbanización, Migración y Salud Indígena en México y Sudamérica*. Universidad Hermilio Valdizán, Huánuco, Perú (July 11).

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- 2019 *Urbanización, Migración y Salud Indígena en Perú.* Coloquio de Salud Pública, Universidad de San Marcos, Lima, Perú (June 4).
- 2017 *Biological Causes and Consequences of Cesarean Birth.* Biology Department Seminar, Wabash College, Crawfordsville, IN, USA (Aug 31).
- 2017 *Investigaciones de Salud Indígena en México y Sudamérica: Contribuciones de la Antropología Biológica.* Universidad Ricardo Palma, Lima, Perú (Aug 11).
- 2017 *Investigaciones de Salud Indígena en México y Sudamérica: Contribuciones de la Antropología Biológica.* Universidad Nacional Hermilio Valdizan, Huánuco, Perú (Aug 10).
- 2017 *Investigaciones de Salud Indígena en México y Sudamérica: Contribuciones de la Antropología Biológica.* Universidad Nacional de San Cristóbal de Huamanga, Ayacucho, Perú (Aug 7).
- 2016 *Birth in Transition: Implications for Indigenous Health and Demography.* Department of Anthropology, Notre Dame University, Notre Dame, IN, USA (Sep 20).
- 2016 *Attachment Behaviors in the Yucatec Maya.* Children Seen and Heard Across the Globe Workshop, Lorentz Center, Leiden, Netherlands (June 20).
- 2015 *The Dynamic Duo: Global Transitions and the Mother-Infant Dyad.* Department of Anthropology, Texas A&M University, College Station, TX, USA (Feb 4).
- 2014 *The Dynamic Duo: Epidemiologic and Life History Perspectives on the Mother- Infant Dyad.* Department of Anthropology, Purdue University, West Lafayette, IN, USA (Dec 12).
- 2014 *Global Transitions and the Mother-Infant Dyad.* Department of Sociology and Anthropology, University of Southern Mississippi, Hattiesburg, MS, USA (Nov 24).
- 2014 *Epidemiologic Perspectives on Breastfeeding Dynamics in Latin American Indigenous Communities,* Guest lecture for a Graduate Seminar on Indigenous Health, Department of Anthropology, Yale University, New Haven, CT, USA (Oct 15).
- 2014 *Breastfeeding Practices of Indigenous Women.* Centro de Salud, Xculoc, Campeche, México (June 5).
- 2014 *Ecological Dimensions of Early Life Development.* Department of Sociology, Anthropology & Child and Family Studies, University of Louisiana, Lafayette, LA, USA (April 3).
- 2014 *Ecological Dimensions of Infant Health in Indigenous South American Populations.* Department of Sociology, Anthropology & Child and Family Studies, University of Louisiana, Lafayette, USA (April 3).

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2014 *Biocultural Dimensions of Infant Health in Indigenous Latin American Communities*. Department of Anthropology, Ithaca College, Ithaca, NY, USA (Feb 27).

CAMPUS LECTURES

- 2020 *Growth and Development of Latin American Indigenous Children*. Guest Lecture for HDFS 31100: Child Development, Purdue U (Oct 20).
- 2020 Pregnancy, Birth and Babies: Motherhood and Modernization in Yucatan. Guest Lecture for PPHR 489: Complementary and Alternative Medicine, Purdue U (Feb 20).
- 2019 *Maternal-Child Health Research in Latin American Indigenous Communities*, Guest Lecture for NUTR 590: Introduction to Global Health, Purdue U (Sep 17).
- 2018 *Reproductive Ecology and Human Evolution*, Guest Lecture for ANTH 337: Human Diet: Origins and Evolution, Purdue U (Nov 6).
- 2018 *Paleofantasies*, Purdue Experience Liberal Arts Recruitment Event, Purdue U (March 1).
- 2018 *Diet and Health in the Yucatan Peninsula*, Guest Lecture for ANTH 100, Introduction to Anthropology, Purdue U (March 5).
- 2017 *Sampling the Gut Microbiome of Yucatec Maya Infants*, AnthroSem Series, Purdue U (Sep 29).
- 2017 *Paleofantasies*, Purdue Experience Liberal Arts Recruitment Event, Purdue U, (Feb 17).
- 2016 *From the Cradle to the Grave: Life History Transitions and the Ecology of Aging in a Yucatec Maya Subsistence Farming Community*, Center on Aging and the Life Course Colloquium Series, Purdue U (Nov 4).
- 2016 *Birth in Transition: Maya Evolutionary Demography*. Purdue University Department of Anthropology Brown Bag Series (Sep 5).
- 2014 *Epidemiologic Perspectives on Breastfeeding Dynamics*. Department of Anthropology Colloquium Series, Dartmouth College (Oct 8).
- 2014 *Teaching Evolution: Intersections of Knowledge and Belief*. Seminar presentation for the Center for Innovative Teaching Seminar at the University of Massachusetts, Boston, Massachusetts (May 5).
- 2013 *Infant Health in Indigenous South America*. University Honors Program Seminar, Does it Have to Be an Epidemic? University of Massachusetts, Boston, Massachusetts (Nov 15).
- 2013 *Biocultural Environments and Indigenous Health in Latin America*. Biocultural Anthropology Colloquium Series, University of Massachusetts, Boston, Massachusetts (Feb 28).

CONFERENCE PRESENTATIONS AND POSTERS

Podium *Denotes student author

- 2022 Christopher, L*, **Veile, A**, Kramer, K. *Seasonal Variation for Parasitic Infection among Yucatec Maya Children*. 91st Annual Meeting, American Association of Biological Anthropologists, Denver CO, USA.
- 2021 Christopher, L*, Azcorra, H, Dickinson, F, Kramer, K, Varela-Silva, I, **Veile, A**. *Differences in Growth and Body Composition Between Rural and Urban Maya Children from the Yucatan Peninsula: The Importance of Early Life Conditions*. 90th Annual Meeting, American Association of Physical Anthropologists, online.
- 2020 **Veile, A**. *Urbanization, Migration and Indigenous Health in Perú*. Abstract accepted, 80th Annual Meeting Society for Applied Anthropology Meeting in Albuquerque NM, **not presented due to COVID-19 pandemic**.
- 2020 **Veile, A**, Asaf, S*, E Otárola-Castillo, Kramer, K. *Hydration, Lactation and Child Health in the Yucatec Maya*. Abstract accepted, 45th Annual Meeting of the Human Biology Association in Los Angeles CA, **not presented due to COVID-19 pandemic**.
- 2020 **Veile, A**. *Globalization, urbanization, and women's reproductive health in Latin American indigenous communities*. Global Health Initiative (UK/Perú) Environment x Women's Health workshop series. Delivered online due to COVID-19 pandemic (Sep 10).
- 2019 Miller, V*, **Veile, A**, VanWormer, L. A. *Biological Motherhood Leads to Long-Lasting Changes in Attentional Functioning*. Society for Psychological Anthropology Biennial Meeting at Santa Ana Pueblo NM, USA.
- 2019 Miller, V*, **Veile, A**, VanWormer, L. A. *Biological Motherhood Leads to Long-Lasting Changes in Attentional Functioning*. 44th Annual Meeting, Human Biology Association, Cleveland OH, USA.
- 2019 **Veile, A**, Otárola-Castillo, E, Canas, C*, Kramer K. *Household Sanitary Conditions Modulate Relationships between Birth Mode and Child Growth*. 44th Annual Meeting, Human Biology Association, Cleveland OH, USA.
- 2018 **Veile, A**, Kramer, K. *Birth Across the Epidemiological Transition: Implications for Infant Growth and Gut Microbiome Assembly*. Invited session "Evolutionary Causes and Consequences of Cesarean Birth, 87th Annual Meeting of the American Association of Physical Anthropologists, Austin, TX, USA.
- 2018 Tuller, S*, **Veile, A**, Kramer, K. *Causes and Consequences of Cesarean Birth in Yucatec Maya Subsistence Farmers*. Invited session "Evolutionary Causes and Consequences of Cesarean Birth, 87th Annual Meeting of the American Association of Physical Anthropologists, Austin, TX, USA.
- 2018 Vallengia, C, Martin M, **Veile, A**. *Morbidity Profiles Compared in Vaginally and Cesarean Born Indigenous Toba/Qom Children*. Invited session

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- “Evolutionary Causes and Consequences of Cesarean Birth, 87th Annual of the American Association of Physical Anthropologists, Austin, TX, USA.
- 2018 Kramer, K, **Veile, A**, Otárola-Castillo. *Demonstrating Growth and Family Size Tradeoffs: Statistical vs Biological Significance*. 87th Annual of the American Association of Physical Anthropologists, Austin, TX, USA.
- 2017 **Veile, A**. *Food Production and Consumption Patterns in Hunter-Gatherer Communities*. Podium talk at 7th Annual Conference of the Ingestive Behavior Research Center, West Lafayette IN, USA.
- 2017 Garcia, A*, Blackwell, A, Trumble, B, **Veile, A**, Kaplan, H, Gurven, M. *Thymus Volume, Immune Function, Growth in Tsimane Children of the Bolivian Amazon*. 42nd Annual Meeting, Human Biology Association, New Orleans, LA, USA.
- 2016 **Veile, A**, Kramer, K. *The Hygiene Hypothesis: Birth and Beyond*, 115th Annual Meeting, American Anthropological Association, Minneapolis, MN, USA.
- 2016 Kramer, K, **Veile, A**. *Cooperative Breeding and the Costs and Benefits of Infant Allocare in Hunter-Gatherers and Agriculturalists*, 85th Annual Meeting, American Association of Physical Anthropologists, Atlanta, GA, USA.
- 2016 Otárola-Castillo, E, Greaves, RD, Kraft, T, **Veile, A**, Venkataraman, V, Kramer, K. *The Financial Hunter-Gatherer: How do Foragers Diversify their Dietary Portfolios?* 85th Annual Meeting, American Association of Physical Anthropologists, Atlanta, GA, USA.
- 2015 **Veile, A**, Kramer K. *The first cut is the deepest: Cesarean Births Influence Demographic Outcomes in a Yucatec Maya Community*, 114th Annual Meeting, American Anthropological Association, Denver, CO, USA.
- 2015 **Veile, A**, Kramer K. *Changing Birth Dynamics and Breastfeeding Trends in a Maya Agriculturalist Community*, 40th Annual Meeting, Human Biology Association, St. Louis, MO, USA.
- 2014 **Veile, A**, Kramer, K. *The Ecology of Breastfeeding and Infant Health in the Yucatan*, 113th Annual Meeting, American Anthropological Association, Washington DC, USA.
- 2014 **Veile, A**, Kramer, K, Otárola-Castillo, E. *Early childhood in Yucatec Maya Subsistence Agriculturalists*, 83rd Annual Meeting, American Association of Physical Anthropologists, Calgary, Canada.
- 2014 **Veile, A**, Martin, M, McAllister, L, Gurven, M. *Modernization is Associated with Intensive Breastfeeding in the Bolivian Amazon*, 39th Annual Meeting, Human Biology Association, Calgary, Canada.
- 2012 **Veile, A**, Martin M. *Weaning Patterns in the Tsimane are Independent of Maternal Factors*. Podium talk in invited session: “Crossing Safely into Toddlerhood: An Ecological Perspective on Risks to Infant Care,” 111th

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- Annual Meeting, American Anthropological Association, San Francisco, CA, USA.
- 2012 **Veile, A**, Kramer, K, Otárola-Castillo, E. *Changing Patterns of Child Growth and the Role of Disease Ecology in Maya Agriculturalists*. 37th Annual Meeting, Human Biology Association, Portland, OR, USA.
- 2010 **Veile, A**, Kaplan, H, Gurven, M, Winking, J. *Maternal Vigilance Strategies and Infant Health Outcomes in the Tsimane of Bolivia*, 35th Annual Meeting, Human Biology Association, Albuquerque, NM, USA.
- 2008 **Veile, A**, Kaplan, H, Gurven, M, Winking, J. *Nutrition and the Infant Thymus in two South American Indigenous Societies*, 10th Meeting, Latin American Association of Biological Anthropology, La Plata, Argentina.
- 2008 **Veile A**, Kaplan H, Gurven M, Winking J. *Thymic Volume and Immunological Plasticity in Tsimane Infants of Bolivia*, 33rd Annual meeting, Human Biology Association, Columbus, Ohio, USA.
- 2006 **Veile A**, Kaplan H, Gurven M, Winking J. *Infant Feeding Practices and Health Outcomes Among the Tsimane of Lowland Bolivia*, 18th Annual Meeting, Human Behavior and Evolution Society, Philadelphia, PA, USA.

Conference Posters *Denotes student author

- 2023 Aulds, M*, **Veile, A**. *COVID-19, Home Birth, and Home-to-Hospital Transfer Experiences in the Midwest*. 48th Annual Meeting, Human Biology Association, Las Vegas, NV, USA. (accepted)
- 2023 Aulds, M*, **Veile, A**, Cheyney, M, Bovbjerg, M. “*Demographic Trends in Home-to-Hospital Transfer Integration*.” 92nd Annual Meeting, American Association of Biological Anthropologists, Las Vegas, NV, USA. (accepted)
- 2023 **Veile, A**, Chavez Cabello, R, Otárola-Castillo, Erik, Rojas Bravo, V, Turner, G.* “*Comparison of anthropometry and blood pressure in rural and urban Peruvian indigenous women*.” 47th Annual Meeting, Human Biology Association, Denver CO, USA. (accepted)
- 2022 Aulds, M*, **Veile, A**, Cheyney, M, Bovbjerg, M. “*Intrapartum and Postpartum Home-to-Hospital Transfers in the United States*.” 91st Annual Meeting, American Association of Biological Anthropologists, Denver, Colorado.
- 2022 Aulds, M*, **Veile, A**. “*COVID-19 and the Changing Perceptions of Home Birth in the Midwestern US*.” 48th Annual Meeting, Human Biology Association, Denver, Colorado.
- 2021 Aulds, M*, **Veile, A**. “*COVID-19 and the Changing Perceptions of Home Birth in the Midwest*.” 81st Annual Meeting, Society for Applied Anthropology (virtual).
- 2021 **Veile, A**, Chavez Cabello, R, Rojas Bravo, V, McGuire, K. *Birthing Practices and Child Survivorship in rural Perú*. 46th Annual Meeting, Human Biology

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Association 46th (online).

- 2019 Tuller, S*, **Veile, A**, Kramer, K. *Maternal Height and Reproductive Success in a Short-Statured Population*. 44th Annual Meeting, Human Biology Association, Cleveland OH, USA.
- 2019 Tuller, S*, **Veile, A**, Karen, K. *Maternal Height and Reproductive Success in a Short-Statured Population*. Annual Meeting, Society for Applied Anthropology, Portland OR, USA.
- 2018 Anderson, L*, **Veile, A**. *A Biocultural Comparison of Homebirth Safety for Amish and Non-Amish Women in the U.S.* Annual Meeting, Society for Applied Anthropology, Philadelphia, PA, USA.
- 2017 Anderson, L*, **Veile, A**. *A Biocultural Comparison of Homebirth Safety for Amish and Non-Amish Women in the U.S.* Annual Meeting, 42nd Human Biology Association, New Orleans, LA, USA.
- 2017 **Veile, A**, Kramer, K, Valeggia, V. *Cesarean Births and the Growth of Maya and Toba/Qom Infants and Young Children*. Annual Meeting, 42nd Human Biology Association, New Orleans, LA, USA.
- 2016 **Veile, A**, Kramer, K. *Changing Birth Dynamics in Yucatán: Do Cesarean Births Undermine Child Health?* 41st Annual Meeting, Human Biology Association, Atlanta, GA, USA.
- 2010 Martin, M. **Veile, A**, Gurven, M, Kaplan, H, Northrup, N. *Complementary Feeding Practices of Tropical Forager-Horticulturalists*. 109th Annual Meeting, American Anthropological Association, New Orleans, LA, USA.

Conferences and Research Symposia Organized

- 2018 **Symposium Organizer:** “*Evolutionary Causes and Consequences of Rising Cesarean Birth Rates*.” 87th Annual Meeting of the American Association of Physical Anthropologists, Austin TX, USA.
- 2017 **Planning Committee:** “*Health Across Generations*,” Center on Aging and the Life Course Annual Symposium, Purdue University, West Lafayette, IN, USA.
- 2017 **Session Organizer:** “*Time Allocation across Subsistence Economies: Spatio-temporal Variation in Human Eating*.” Ingestive Behavior Research Center Conference, Purdue University, West Lafayette, IN, USA.

RESEARCH PROJECTS

- 2020- **Principal Investigator:** *Probability of Transfer from Home to the Hospital in the U.S.* (Student: Meredith Aulds, Purdue University, USA; Melissa Cheney & Marit Bovbjerg, Oregon State University, USA). This research project uses the Midwives Alliance of North America (MANA) Stats 4.0 database to analyze homebirth-to-hospital transfer rates (maternal intrapartum and postpartum,

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neonatal) in the United States of America. One goal of modeling is to identify transfer rates that optimize maternal-neonatal health outcomes.

- 2020 **Principal Investigator:** *COVID-19 and Perceptions of Home Birth in the U.S. Midwest* (Student: Meredith Aulds, Purdue University, USA). This project uses ethnographic interviewing of doulas, midwives and birthing people to understand how the COVID-19 pandemic has affected birthing practices and homebirth-related attitudes and beliefs in the Midwestern United States.
- 2019- **Principal Investigator:** *Urbanization, Migration and Indigenous Health in Perú* (Funding: Purdue University; Collaborators: Violeta Rojas & Rocio Chavez, Universidad Nacional Hermilio Valdizán, Perú). This project investigates nutritional, epidemiologic and social factors that shape immune function and metabolic health in urbanizing and modernizing Peruvian indigenous populations.
- 2014- **Principal Investigator:** *Causes and Consequences of Rising Cesarean Delivery Rates in Yucatec Maya Subsistence Farmers*. (Funding: Dartmouth College, Purdue University, Indiana Clinical and Translational Sciences Institute; Collaborators: Karen Kramer, University of Utah, USA; Sudip Datta Banik, Centro de Investigación y de Estudios Avanzados del IPN, México). This project examines demographic and maternal-child health outcomes associated with rising cesarean delivery rates in Yucatec Maya indigenous communities.
- 2011-2013 **Postdoctoral Researcher:** *Emerging Differences in Children's Economic Roles and Parental Investment through the Fertility Transition of Maya Farmers*. (Funding: National Science Foundation, Principal Investigator: Karen Kramer, Harvard University/University of Utah). This project investigated how changes in farming practices and economic diversification influence variance in the timing of maturation, mortality, fertility, wealth and access to education and healthcare in a community of Maya subsistence agriculturalists in México.
- 2007-2010 **Graduate Researcher:** *Cross-Cultural Study of Demographic Processes in Maya and Pumé Transitional Subsistence Economies*. (Funding: National Science Foundation, Principal Investigator: Karen Kramer, Stony Brook University and Harvard University). This project compared dimensions of modernization and demographic change in Pumé foragers (Venezuela) and Maya subsistence agriculturalists (México).
- 2003-2007 **Undergraduate/Graduate Researcher:** *Tsimane Health and Life History Project*. (Funding: National Science Foundation, National Institutes of Health, Principal Investigator: Dr. Michael Gurven, University of California, Santa Barbara). This project examines population demography and community health and provides medical care to indigenous Amazonian communities in Bolivia.

TEACHING

Purdue University (Assistant Professor, August 2015-present)

Graduate:

- ANTH 535: Foundations of Biological Anthropology
- PUBH 695: Biology, Parasites and Public Health (Directed Readings)
- ANTH 590: Anthropology of Motherhood (Directed Readings)
- ANTH 590: Human Reproductive Biology (Directed Readings)
- ANTH 590: Human Reproductive Ecology (Directed Readings)
- ANTH 590: Biocultural Anthropology (Directed Readings)
- ANTH 590: Birth and the Maternal Health Landscape in the U.S. (Directed Readings)

Undergraduate:

- ANTH 204: Introduction to Biological Anthropology and Human Evolution
- ANTH 203: Biological Bases of Human Social Behavior
- ANTH 212: Culture, Food and Health
- ANTH 392: Pregnancy, Birth and Babies
- ANTH 336: Human Variation
- ANTH 436: Human Evolution

Dartmouth College (Visiting Assistant Professor, September 2014-June 2015)

- Human Evolution
- Evolution of Pregnancy, Birth and Babies
- Introduction to Biological Anthropology
- Biocultural Dimensions of Child Development
- Human Behavioral Ecology

University of Massachusetts Boston (Lecturer, August 2012-May 2014)

- Cross-Cultural Child Development: Intersections of Biology and Culture
- Introduction to Biological Anthropology
- Human Epidemiology
- Evolutionary and Biocultural Perspectives on Pregnancy, Birth and Babies

Harvard University (Teaching Fellow, January-May 2012)

- Building Babies

The College of New Jersey (Adjunct Professor, August 2010-May 2011)

- Introduction to Physical Anthropology
- Introduction to Epidemiology
- Human Evolution

University of New México (Instructor, August 2008-May 2009)

- Cross-Cultural Child Development
- Evolution and Human Emergence

STUDENTS MENTORED

Graduate Chair (Anthropology, Purdue University)

- 2020- Lauren Christopher: MS Anthropology (Biological)
- 2019- Meredith Aulds: PhD Anthropology (Biological)
- 2017- Valerie Miller: PhD Anthropology (Biological)
- 2017-2019 Sydney Tuller: MS Anthropology (Biological)

Graduate Committee Member (Anthropology, Purdue University)

- 2021- Gabriela De la Puente-León: PhD Anthropology (Biological)
- 2020- Trevor Keevil: PhD Anthropology (Biological)
- 2019- Giselle Narváez Rivera: PhD Anthropology (Biological)
- 2016-2018 Lauren Murfree: MS Anthropology (Cultural)
- 2016-2018 Allison Kirkham: MS Anthropology (Cultural)
- 2016-2017 Conner Wiktorowicz: PhD Anthropology (Archaeology)
- 2016- Melissa Torquato: PhD Anthropology (Biological)
- 2015- Elizabeth Hall: PhD Anthropology (Biological)
- 2015-2020 Sarah Caldwell: PhD Anthropology (Archaeology)
- 2015- Kaitlyn Sanders: PhD Anthropology (Archaeology)

Graduate Committees (Public Health, Purdue University)

- 2020- Lauren Christopher: MPH (advisor)
- 2019 Jill Inderstrod: MPH (thesis chair)
- 2018 Sydney Rivera: MPH (thesis committee member)
- 2017 Jamie Escobedo: MPH (thesis committee member)

Graduate Committee Member (External)

- 2021- Carolina de la Vega Rojas: PhD student in Human Ecology, El Centro de Investigación y de Estudios Avanzados del IPN (CINVESTAV), Mérida, México

Undergraduate Internship Supervisor (Purdue University)

- 2022- Audrey Mann, B.A. Anthropology
- 2022- Imran Bata: B.S. Biology
- 2022- Sophie Mbongo: B.A. Anthropology
- 2022- Adam Munshi: B.S. Biomedical Sciences
- 2022- Gracie Turner: B.S. Biology
- 2020-2020 Donte Garcia: B.S. Brain and Behavior Sciences
- 2018-2019 Courtney Thomas: B.A. English
- 2018-2019 Elizabeth Spafford: B.A. Anthropology
- 2017-2018 Soondaf Asaf: B.A. Anthropology

Amanda Veile, PhD.

2016-2017 Leah Shroeder: B.S. Chemical Engineering
2016 Shen Duan: B.A. Anthropology
2015-2016 Lily Anderson: B.A. Anthropology

Undergraduate Honors Committee Member (Purdue University)

2017-2018 Soondaf Asaf: B.A. Anthropology (chair)
2015-2017 Lily Anderson: B.A. Anthropology (chair)
2015-2016 Lindsay Bean: B.A. Anthropology (member)

SERVICE ACTIVITIES

¹Denotes program building-related service

Departmental of Anthropology, Purdue University

2022-2023 ¹Led development of undergraduate Anthropology of Health concentration for Anthropology majors
2021-2023 Leader: Graduate Student Sexual Harassment Panel
2021-2022 Member: Departmental Faculty Search Committee
2015-2022 ¹Member: Graduate Committee
2017-2018 ¹Led development of article-based dissertation option for Purdue Anthropology graduate program
2017-2018 ¹Helped develop undergraduate Biological Anthropology concentration for Anthropology majors
2017 Faculty Participant: Purdue University Undergraduate Anthropology Society roundtable
2016 Member: Departmental Faculty Search Committee
2016-2017 Member: Experiential Learning Committee, Department of Anthropology
2015-2016 Member: Verbiage Committee, Department of Anthropology
2015 Department of Anthropology Representative to the College of Liberal Arts Honors Council

Purdue University

2023 Judge: Spring Undergraduate Research Conference
2021- Elected Senator: College of Liberal Arts Senate
2021- ¹Committee Chair: College of Liberal Arts Curriculum Committee
2021 Reviewer: Global Synergy Grants
2018 Judge: Health and Disease; Science, Technology, Culture and Policy Graduate Student Poster Competition
2017 Reviewer: Bilsland Dissertation Fellowship, Department of Anthropology

Amanda Veile, PhD.

- 2017-2019 Advisor: Purdue UNICEF (United Nations Children's Fund) Student Club
- 2016-2017 Member: Annual Conference Planning Committee, Ingestive Behavior Research Center (IBRC)
- 2017 Member: Annual Symposium Planning Committee, Center on Aging and the Life Course (CALC)
- 2017 Reviewer: Bilsland Dissertation Fellowship
- 2017 Judge: Health and Disease; Science, Technology, Culture and Policy Graduate Student Poster Competition
- 2017 Presenter: Ingestive Behavior Research Center Journal Club
- 2017 Participant: Global Health Initiative Faculty Development Trip (Peru)
- 2017 Judge: Purdue University Undergraduate Research & Poster Symposium
- 2016 Reviewer: Discover Award, College of Liberal Arts
- 2016 Judge: Health and Disease; Science, Technology, Culture and Policy Graduate Student Poster Competition
- 2016 Presenter: Explore Purdue Liberal Arts
- 2016 Family Day Tour, BioAnthropology Laboratory, College of Liberal Arts
- 2015 Family Day Tour, BioAnthropology Laboratory, College of Liberal Arts
- 2015 Family Day Tour, BioAnthropology Laboratory, College of Liberal Arts
- 2015 Reviewer: Global Synergy Grants, College of Liberal Arts

External

- 2023- Program Committee Chair, Human Biology Association
- 2023 Panelist: National Science Foundation Grants
- 2022 Indiana Clinical and Translational Sciences Institute Grant Reviewer and Panelist
- 2022 Panelist: National Science Foundation Grants
- 2021 Faculty Participant: Student roundtable, Human Biology Association Meeting
- 2019 Reviewer: National Science Foundation Senior Research Grants
- 2019 Faculty Participant: student roundtable, Human Biology Association Meeting
- 2019 Faculty Participant: Latin America fieldwork session, Human Biology Association Meeting
- 2018 Member: Annual Meeting Program Committee, Human Biology Association
- 2018 Faculty Participant: Student Roundtable Human Biology Association Meeting
- 2017 Faculty Participant: Student Roundtable, Human Biology Association Meeting
- 2016-2017 Invited Book Reviewer: *Notre Dame Press*, *Demeter Press*
- 2014 Member: Annual Meeting Program Committee, Human Biology Association

Amanda Veile, PhD.

Scientific Journal/Book Editing

- 2023- Review Editor, *Frontiers in Public Health* (Specialty Section: Life-Course Epidemiology and Social Inequalities in Health)
- 2022- Assistant Editor, *Birth* (peer-reviewed Obstetrics/Gynecology/Nursing journal)
- 2019 Guest Editor: *American Journal of Human Biology* Special Issue: “Evolutionary and Biocultural Causes and Consequences of Rising Cesarean Delivery Rates”
- 2012- Invited reviewer: *Evolution, Medicine & Public Health, American Journal of Biological Anthropology, American Journal of Human Biology, Technology & Innovation, Maternal & Child Nutrition, Medical Anthropology Quarterly, Journal of Latin American & Caribbean Anthropology, Nature Scientific Reports, Annals of Human Biology, PlosOne, Journal of Developmental Origins of Health and Disease, Journal of Biosocial Science, Birth, Philosophical Transactions of the Royal Society B, BMC Public Health*

MEDIA/OUTREACH

- 2023 Interviewed for Salon article “It’s time to rethink the narrative behind “mommy brain.”
- 2022- Outreach Volunteer, The Milk Bank of Indianapolis
- 2022 Interviewed for “Sausage of Science” podcast, official podcast of Human Biology Association
- 2019 Organizer: Provided training and research opportunities in immuno-nutritional assessments and blood spot sampling to Peruvian university students (Universidad de Hermilio Valdizan, Huánuco)
- 2016- Co-Organizer: *Global Birth Stories: A Public Anthropology Project* (with Melanie Martin), an online global archive of birth stories from around the world <http://www.globalbirthstories.org/>
- 2015 Presenter: “Mother-Infant Health Dynamics in Indigenous Latin American, Communities” at Lafayette Daybreak Rotary Meeting, Lafayette Indiana (Oct 15)
- 2013-2014 Member: *Leadership Council at Fletcher Maynard Academy*, a school and community organization working to reduce educational disparities in a low-income Cambridge MA neighborhood
- 2010 Researcher: “Bolivia and Its Lithium: Can the Gold of the 21st Century Help Lift a Nation out of Poverty?” *The Democracy Center*, Cochabamba, Bolivia

PROFESSIONAL DEVELOPMENT

- 2023 Attended Advocates Orientation for The Indianapolis Milk Bank
- 2023 Participant: NIH Faculty Enrichment Program, Liberal Arts (Purdue University)
- 2022 Student: Public Health Nutrition Course (Purdue University)
- 2020 Student: Environmental Health graduate course (Purdue University)
- 2019 Audited: ANSC 595: Molecular Microbiome Analysis (Purdue University)

Amanda Veile, PhD.

- 2018 Trained in fecal DNA extraction under Steve Lindemann (Purdue University)
- 2017 Participant: Scientific Grant Writing Workshop, National EMSC Data Analysis Resource Center, Chicago IL.
- 2017 Participant: NIH Faculty Enrichment Program (Purdue University)
- 2015 Participant: Purdue Conference for Pre-Tenure Women, Purdue University
- 2014 Participant: Teaching excellence seminar, Center for Innovative Teaching (CIT), University of Massachusetts Boston
- 2012 Student: Theory of Public Health graduate course (Temple University)
- 2006 Trained: Immuno-nutritional assessment methodologies, Center for Immuno-Nutritional Rehabilitation, Hospital German Uriquidi, Cochabamba Bolivia
- 2005 Trained: Protocols for packing and international shipping of human biological specimens, National Center for Tropical Diseases, Santa Cruz Bolivia

LANGUAGES

English (native)/Spanish (fluent)/Tsimane/Pumé/Yucatec Maya/Portuguese (basic phrases)

PROFESSIONAL MEMBERSHIPS

American Anthropological Association, American Association of Biological Anthropologists, Council on Anthropology and Reproduction, Human Biology Association, Indiana Breastfeeding Coalition