

AMANDA VEILE, PhD

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EDUCATION

- 2011 PhD in Evolutionary Anthropology, Department of Anthropology, University of New Mexico
- 2006 M.S. in Anthropology, Human Evolutionary Ecology emphasis, *with distinction*, Department of Anthropology, University of New Mexico
- 2004 B.S. in Anthropology with Biology minor, *Summa cum laude*, Department of Anthropology, University of New Mexico
- 2000 A.S. in Recreation and Wildlife Management, School of Natural Resources, Hocking College

PROFESSIONAL EMPLOYMENT

- 2015- Tenure-track Assistant Professor, Department of Anthropology, Purdue University
- 2014-2015 Visiting Assistant Professor, Department of Anthropology, Dartmouth College
- 2012-2014 Lecturer, Department of Anthropology, University of Massachusetts, Boston
- 2011-2012 Postdoctoral Fellow, Department of Human Evolutionary Biology, Harvard University

PROFESSIONAL AFFILIATIONS

- 2015- Faculty Associate, Center on Aging and the Lifecourse, Purdue University
- 2015- Executive Committee Member, Ingestive Behavior Research Center, Purdue University

PUBLICATIONS

- Exp. 2017 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* (Invited).
- Exp. 2017 **Veile, A,** Kramer, K. “The Ecology of Breastfeeding and Infant Health in the Yucatan.” Palmquist, Aunchalee, Tomori, Cecilia, Quinn, Elizabeth (editors). Chapter: Anthropology and Breastfeeding: Biocultural Perspectives (edited volume). Routledge Books (Invited).
- Exp. 2017 **Veile, A,** Kramer, K. “Pregnancy, Birth and Babies: Motherhood and Modernization in a Yucatec Village.” Schwartz, David (editor). Chapter: Maternal Health, Pregnancy-Related Morbidity and Death Among Indigenous Women of Mexico & Central America: An Anthropological, Epidemiological and Biomedical Approach. Springer (Accepted)
- 2016 **Veile, A,** Kramer, K. “Childhood body mass is positively associated with cesarean birth in Yucatec Maya subsistence farmers” doi:10.1002/ajhb.22920 (in early view).
- 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*, 30:1 145- 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: 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: 768-775.

MANUSCRIPTS IN PROGRESS

- 2016 **Veile, A,** Valeggia, C, Kramer, K. “Cesarean Births Modulate Indigenous Children’s Growth in Rural and Urban settings.” *In prep for the American Journal of Physical Anthropology.*
- 2016 **Veile, A,** Kramer, K. “The First Cut Is the Deepest: Cesarean Births Influence Demographic Outcomes in a Yucatec Maya Community.” *In prep for Current Anthropology.*

UNPUBLISHED MANUSCRIPTS

- 2011 **Veile, A.** “The Evolutionary Ecology of Infancy.” PhD dissertation, University of New Mexico
- 2004 **Veile, A.** “Infant Feeding Patterns of the Bolivian Tsimane” Senior honors thesis, University of New Mexico

GRANTS

- 2017 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 ASPIRE Grant, College of Liberal Arts, Purdue University. Funding for travel to Leiden, Netherlands, to present *“Attachment Behaviors in the Yucatec Maya”* at Children Seen and Heard Across the Globe Workshop, Lorentz Center (June 20). (\$2,500)
- 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 ASPIRE Grant, College of Liberal Arts, Purdue University. *“Attachment Behaviors in the Yucatec Maya.”* (\$2,500)
- 2015 Claire Garber Goodman Grant, Department of Anthropology, Dartmouth College. *“Changing Birth Dynamics in a Yucatec Maya Community: Do Cesarean Births Undermine Child Health?”* (\$4,590)
- 2007 National Science Foundation Research Experience for Graduate Students. *“Thymic development and plasticity in Venezuelan Pumé infants and children.”* (\$5000)
- 2004 Undergraduate Research Award, Department of Anthropology, University of New Mexico. *“Infant Feeding Practices in the Bolivian Tsimane.”* (\$400)
- 2003 National Science Foundation Research Experience for Undergraduates. *“Infant Feeding Practices in the Bolivian Tsimane.”* (\$4000)

FELLOWSHIPS

- 2011 Harvard University Fellow, Department of Human Evolutionary Biology (\$4000)

Amanda Veile, PhD

2008-2009 Spuhler Fellowship, Department of Anthropology, University of New Mexico (\$7000)

2005-2008 National Science Foundation Graduate Research Fellowship (\$120,000)

AWARDS

2015 Department of Anthropology Excellence in Teaching Award, Purdue University

2013 Faculty Travel Award, University of Massachusetts Boston for travel to 111th AAA Annual Meeting, San Francisco, CA. (\$250)

2012 Postdoctoral Award for Professional Development, Harvard University for travel to 37th Annual HBA Meeting, Portland, OR. (\$1,000)

2009 3% Scholars Award, University of New Mexico (\$700)

2009 Anthropology Departmental Travel Award, University of New Mexico for travel to 10th Latin American Association of Biological Anthropology (ALAB) Conference in La Plata, Argentina. (\$300)

2008 Best presentation, University of New Mexico Graduate Research Symposium "*Thymic development in infancy in two South American indigenous societies.*" University of New Mexico Graduate Student Research Symposium. (\$100)

2004-2005 New Mexico Graduate Scholars Award, University of New Mexico (\$3000)

2004 Honorable Mention, National Science Foundation Graduate Research Fellowship

2000 Student Life Award, Hocking College

2000 Outstanding Graduate Award, Hocking College

INVITED LECTURES

2016 *Birth in Transition: Implications for Indigenous Health and Demography.* Department of Anthropology, Notre Dame University (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 (Feb 4).

Amanda Veile, PhD

- 2014 *The Dynamic Duo: Epidemiologic and Life History Perspectives on the Mother- Infant Dyad.* Department of Anthropology, Purdue University (Dec 12).
- 2014 *Global Transitions and the Mother-Infant Dyad.* Department of Sociology and Anthropology, University of Southern Mississippi (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 (Oct 15).
- 2014 *Breastfeeding practices of indigenous women.* Presentation of data analysis to the study community, Centro de Salud (Health Center), Xculoc, Campeche, Mexico (June 5).
- 2014 *Ecological Dimensions of Early Life Development.* Department of Sociology, Anthropology & Child and Family Studies, University of Louisiana, Lafayette (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 (April 3).
- 2014 *Biocultural Dimensions of Infant Health in Indigenous Latin American Communities.* Department of Anthropology, Ithaca College (Feb 27).

CAMPUS TALKS

- 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 University (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 (May 5).
- 2013 *Infant Health in Indigenous South America.* University Honors Program Seminar, Does it Have to Be an Epidemic? University of Massachusetts, Boston (Nov 15).

2013 *Biocultural Environments and Indigenous Health in Latin America*. Biocultural Anthropology Colloquium Series, University of Massachusetts, Boston (Feb 28).

CONFERENCE PRESENTATIONS AND POSTERS

- 2016 **Veile, A**, Kramer, K. *The Hygiene Hypothesis: Birth and Beyond*, Podium talk at 115th American Anthropological Association (AAA) Annual Meeting in Minneapolis, MN.
- 2016 **Veile, A**, Kramer, K. *Changing Birth Dynamics in Yucatán: Do Cesarean Births Undermine Child Health?* Poster at 41st HBA (Human Biology Association) Annual Meeting in Atlanta, GA.
- 2016 Kramer, K, **Veile, A**. *Cooperative Breeding and the Costs and Benefits of Infant Allocation in Hunter-Gatherers and Agriculturalists*. Podium talk at 85th American Association of Physical Anthropology (AAPA) Annual Meeting in Atlanta, GA.
- 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?* Podium talk at 85th AAPA Annual Meeting in Atlanta, GA.
- 2015 **Veile, A**, Kramer K. The first cut is the deepest: *Cesarean births influence demographic outcomes in a Yucatec Maya community*. Podium talk at 114th American Anthropological Association (AAA) Annual Meeting in Denver, CO.
- 2015 **Veile, A**, Kramer K. *Changing birth dynamics and breastfeeding trends in a Maya agriculturalist community*. Podium talk at 40th HBA Annual Meeting in St. Louis, MO.
- 2014 **Veile, A**, Kramer, K. *The ecology of breastfeeding and infant health in the Yucatan*. Podium talk at 113th AAA Annual Meeting in Washington DC.
- 2014 **Veile, A**, Kramer, K, Otárola-Castillo, E. *Early childhood in Yucatec Maya subsistence agriculturalists*. Podium talk at 83rd American Association of Physical Anthropology (AAPA) Annual Meeting in Calgary, Canada.
- 2014 **Veile, A**, Martin, M, McAllister, L, Gurven, M. *Modernization is associated with intensive breastfeeding in the Bolivian Amazon*. Podium talk at the 39th HBA Annual Meeting in 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 at 111th AAA Annual Meeting, San Francisco, CA.
- 2012 **Veile, A**, Kramer, K, Otárola-Castillo, E. *Changing patterns of child growth and the role of disease ecology in Maya Agriculturalists*. Podium talk at 37th Annual HBA Meeting, Portland, OR.

- 2010 Martin, M. **Veile, A**, Gurven, M, Kaplan, H, Northrup, N. *Complementary feeding practices of tropical forager-horticulturalists*. Poster at the 109th AAA Annual Meeting in New Orleans, LA.
- 2010 **Veile, A**, Kaplan, H, Gurven, M, Winking, J. *Maternal vigilance strategies and infant health outcomes in the Tsimane of Bolivia*. Podium talk at the 35th HBA Annual Meeting in Albuquerque, NM.
- 2009 **Veile, A**, Kaplan, H, Gurven, M, Winking, J. *Thymic development in infancy in two South American indigenous societies*. Podium talk at University of New Mexico, Graduate Student Research Symposium, Albuquerque, NM.
- 2008 **Veile, A**, Kaplan, H, Gurven, M, Winking, J. *Nutrition and the infant thymus in two South American indigenous Societies*. Podium talk at the 10th Latin American Association of Biological Anthropology (ALAB) Conference in La Plata, Argentina.
- 2008 **Veile A**, Kaplan H, Gurven M, Winking J. *Thymic volume and immunological plasticity in Tsimane infants of Bolivia*. Podium talk at the 33rd HBA Annual meeting in Columbus, Ohio.
- 2006 **Veile A**, Kaplan H, Gurven M, Winking J. *Infant feeding practices and health outcomes among the Tsimane of Lowland Bolivia*. Podium talk at the 18th Human Behavior and Evolution Society (HBES) Annual Meeting in Philadelphia, PA.

RESEARCH

- 2014- **Principal Investigator:** *Changing Birth Dynamics in a Rural Indigenous Community*. (Funding: Dartmouth College and Purdue University; Collaborator: Karen Kramer, University of Utah). This research examines the demographic and child health outcomes associated with rising cesarean birth rates in rural indigenous Mexican communities.
- 2015 **Principal Investigator:** *Attachment Behaviors in the Yucatec Maya* (Funding: Purdue University, Collaborator: Karen Kramer, University of Utah). This research examined the hypothesis that sensitive parenting is associated with optimal infant adaptation (growth and development).
- 2011-2013 **Postdoctoral Researcher:** *Emerging Differences in Children's Economic Roles and Parental Investment through the Fertility Transition of Maya Farmers*. (Funding: NSF, 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 health care in a community of Maya subsistence agriculturalists in Yucatan, Mexico.

Amanda Veile, PhD

- 2007-2010 **Graduate Researcher:** *Cross Cultural Study of Demographic Processes in Maya and Pumé Transitional Subsistence Economies*. (Funding: NSF, Principal Investigator: Karen Kramer, Stony Brook University/Harvard University). This project compared dimensions of modernization and demographic change in Pumé foragers (Apure, Venezuela) and Maya subsistence agriculturalists (Yucatan, Mexico).
- 2003-2007 **Graduate Researcher:** *Tsimane Health and Life History Project*. (Funding: NSF/National Institutes of Health, Principal Investigator: Dr. Michael Gurven, University of California, Santa Barbara). This project examines population demography, community health and the biology of aging, and provides medical care and health education to indigenous Amazonian communities in Beni, Bolivia.
- 2001-2002 **Undergraduate Researcher:** *Marshall's Plant Ecology Laboratory* (Funding: NSF, Director: Dr. Diane Marshall, Department of Biology, University of New Mexico). This laboratory studies developmental plasticity and mating systems in the California Wild Radish.

TEACHING

Purdue University (Assistant Professor, August 2015-present)

- Foundations of Biological Anthropology (Graduate Seminar)
- Introduction to Biological Anthropology and Human Evolution
- Topics: Pregnancy, Birth and Babies
- Biological Bases of Human Social Behavior
- Human Variation
- 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 (Honors)
- Introduction to Biological Anthropology
- Human Epidemiology
- Evolutionary and Biocultural Perspectives on Pregnancy, Birth and Babies

Brandeis University (Lecturer, January-May 2013)

- Children, Parenting, and Education in Cross-Cultural Perspective

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 Mexico (Teaching Assistant/Instructor, August 2008-May 2009)

- Human Biology (Teaching Assistant)
- Introduction to Anthropology (Teaching Assistant)
- Cross-Cultural Child Development (Instructor)
- Evolution and Human Emergence (Instructor)

PROFESSIONAL DEVELOPMENT

- 2017 Invited Participant, 16-week National Institutes of Health Faculty Enrichment Program, Purdue University
- 2015 Participant, Purdue Conference for Pre-Tenure Women, Purdue University
- 2014 Participant, 16-week teaching excellence seminar for faculty, Center for Innovative Teaching (CIT), University of Massachusetts Boston
- 2012 Completed Theory of Public Health 3-credit graduate course at Temple University
- 2007 Took general microbiology course, including laboratory training, University of New Mexico, Biology
- 2006 Trained in immuno-nutritional assessment methodologies, including thymic ultrasonography, at *Center for Immuno-Nutritional Rehabilitation, Hospital German Uriquidi*, Cochabamba Bolivia
- 2005 Trained in protocols for packing and international shipping of human biological specimens, *National Center for Tropical Diseases*, Santa Cruz Bolivia

SERVICE (PURDUE UNIVERSITY)

- 2016 Member, Biological Anthropology Search Committee, Department of Anthropology

Amanda Veile, PhD

- 2015- Member, Graduate Studies Committee, Department of Anthropology
- 2015-2016 Member, Verbiage Committee, Department of Anthropology
- 2016 Reviewer for Discover Award, College of Liberal Arts
- 2016 Judge: Health and Disease: Science, Technology, Culture and Policy Graduate Student Poster Competition (March 28)
- 2016 Explore Purdue Liberal Arts presentation (April 2)
- 2015 Department of Anthropology Representative to the College of Liberal Arts Honors Council
- 2015 Reviewer for Global Synergy Grants, College of Liberal Arts
- 2015 Family Day Tour of Biomarkers Laboratory, College of Liberal Arts (Sep 18)

SERVICE (EXTERNAL)

- 2012-2017 Invited reviewer for *Evolution, Medicine and Public Health*, *American Journal of Physical Anthropology*, *American Journal of Human Biology*, *Technology and Innovation*, *Maternal & Child Nutrition*, *Demeter Press (Feminist Publishing on Mothering, Reproduction, Sexuality and Family)*, *Medical Anthropology Quarterly*, *The Journal of Latin American and Caribbean Anthropology*, *Nature Scientific Reports*
- 2014 Member, Annual Meeting Program Committee, Human Biology Association

STUDENTS

- 2016- *Leah Shroeder*: Supervisor, undergraduate internship, Purdue University
- 2016- *Conner Wiktorowicz*: PhD committee member, Purdue University
- 2015- *Elizabeth Hall*: PhD committee member, Purdue University
- 2015- *Sarah Caldwell*: PhD committee member, Purdue University
- 2015 *Kaitlyn Sanders*: PhD committee member, Purdue University
- 2015- *Lily Anderson*: Supervisor, undergraduate internship, honors thesis committee chair, Purdue University

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- 2015-2016 *Lindsay Bean*: Undergraduate Honors Committee Member, Purdue University
- 2016 *Shen Duan*: Supervisor, undergraduate internship, Purdue University
- 2013 *Sarah Van Buren*: Senior thesis reader, International and Global Studies Program, Brandeis University
- 2005-2014 *Helen Elizabeth Davis*: Graduate student mentor for Evolutionary Anthropology Program, University of New Mexico (Graduated Nov 2014)
- 2004-2007 Trained undergraduate (*Hilary Bethancourt, Allison Garrett, Sara Mulville*) and graduate students (*Jonathon Stieglitz, Helen Elizabeth Davis, and Alan Gillespie*) in data collection methods for Tsimane Health and Life History Project in Beni, Bolivia

OUTREACH

- 2016 Co-Organizer of *Global Birth Stories: A Public Anthropology Project* (with Melanie Martin), an online global archive of birth stories to showcase the great diversity of birth experiences and customs around the world
- 2015 Presenter of Mother-Infant Health Dynamics in Indigenous Latin American Communities at Lafayette Daybreak Rotary Meeting, Lafayette Indiana (Oct 15)
- 2014 Provided interview consultation on mother-child health issues to Dartmouth college students participating in the Cross-Cultural Education and Services Program in Nicaragua (<https://sites.dartmouth.edu/lacs20gruffi/final-project/interview-with-professor-amanda-veile/>)
- 2013-2014 Member of the *Leadership Council at Fletcher Maynard Academy*, a school and community organization working to reduce educational disparities in a low- income Cambridge MA neighborhood
- 2010 Conducted research and provided support on publication *Bolivia and Its Lithium: Can the Gold of the 21st Century Help Lift a Nation out of Poverty?* for *The Democracy Center*, Cochabamba Bolivia
- 2007-2008 Volunteer at *Albuquerque Center for Peace and Justice*, Albuquerque NM
- 2002-2005 Founder and member of *Fair Trade Initiative*, a campus organization at the University of New Mexico, Albuquerque NM
- 1999-2000 Student Life Paraprofessional, *Hocking College Women Center*, Nelsonville OH
- 2000 Volunteer English (Second Language) Tutor, Hocking College, Nelsonville OH

Amanda Veile, PhD

1999 Environmental Education Intern, *Wahkeena Nature Preserve*, Sugar Grove OH

LANGUAGES

- Spanish (conversationally fluent, intermediate reading and writing)
- Tsimane (intermediate)
- Pumé/Yucatec Maya/Portuguese (basic phrases)

PROFESSIONAL MEMBERSHIPS

- American Anthropological Association,
- American Association of Physical Anthropologists
- Human Biology Association
- International Society for Research in Human Milk and Lactation