

September 2023

Curriculum Vitae  
**Andrea S. Wiley**  
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Anthropology Department  
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Indiana University  
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### **Educational Background**

Ph.D. Medical Anthropology, University of California, Berkeley and San Francisco, 1992

M.A. Demography, University of California, Berkeley, 1988

M.A. Anthropology, University of California, Berkeley, 1986

B.A. *cum laude* Biological Bases of Behavior, University of Pennsylvania, 1984

### **Current Position**

Professor of Anthropology, Indiana University Department of Anthropology [2008-present];  
Director, Human Biology Laboratory [2008-present]; Core Faculty, Human Biology Program, Dhar  
India Studies Program; Affiliate Faculty, Integrated Program in the Environment

### **Previous Appointments**

Chair, Anthropology Department, Indiana University [Jan 2020-June 2023]

Director, Human Biology Program, Indiana University [2010 – 2018]

Interim Anthropology Department Chair, Indiana University [July-December 2017]

Professor of Anthropology Department of Sociology and Anthropology, James Madison  
University [2005-2007]; Associate Professor [1999-2005]; Assistant Department Head, [2002 –  
2004]; Anthropology Program Coordinator [2001-2005]; Assistant Professor [1997-1999];  
Coordinator, Human Science Program [2006-2007]

Assistant Professor, Dept of Anthropology, Binghamton University (SUNY), 1995-1998

Visiting Lecturer, Dept of Anthropology, University of Auckland, New Zealand Summer 1994

Visiting Assistant Professor, Department of Anthropology and South Asia Studies Program

University of Iowa, 1993-1994

### **Awards, Grants and Scholarships**

NSF Doctoral Dissertation Research (PhD student: Mecca Burris). Investigating the relationship between rural environments characterized by industrial agriculture and the timing of puberty. (2021-2022).

Wenner-Gren Foundation for Anthropological Research Dissertation Fieldwork Grant (PhD student: Mecca Burris) *A comparative analysis of the influence of pesticide exposure on age at menarche in Costa Rica*. (2021-2022).

NSF Conference Award, Biological and Cultural Anthropology Programs. *Biological Normalcy: Investigating Relationships Between Statistical Norms and the Normative* (with Jennifer Cullin, 2019)

School for Advanced Research Seminar: *Biological Normalcy: Investigating Relationships Between Statistical Norms and The Normative*, October 2019 (Organizer)

NSF Doctoral Dissertation Research (PhD student: Jennifer Cullin). *Biological Normalcy and Fat Bodies: Investigating relationships between obesity prevalence, fat stigma, and allostatic load*. (2019).

Wenner-Gren Foundation for Anthropological Research Dissertation Fieldwork Grant (PhD student: Jennifer Cullin). *Biological Normalcy and Fat Bodies: Investigating relationships between obesity prevalence, fat stigma, and allostatic load* (2018-2019).

American Association for the Advancement of Science, Fellow (2018)

NSF Doctoral Dissertation Research: The evolutionary role of dietary adaptations and their health outcomes among indigenous people of Chile. (PhD Student: Catalina Fernandez) (2018).

Wenner-Gren Foundation for Anthropological Research Dissertation Fieldwork Grant (PhD student: Catalina Fernandez). The evolutionary role of dietary adaptations and their health outcomes among indigenous people of Chile. (2018).

Wenner-Gren Foundation for Anthropological Research Dissertation Fieldwork Grant (PhD student: Meagan Guilfoyle). The impact of Ramadan fasting on breastmilk composition and infant growth in Rabat, Morocco (2017--2018).

NSF Doctoral Dissertation Research: Infant feeding practices and maternal work in urban and rural Tamil Nadu, India 062936-00002B (PhD Student: Lindsey Mattern) (2015)

Consultant, NSF Grant # DUE-1245013 Changing Student Misconceptions about Evolution through an Innovative Laboratory Curriculum in Biological Anthropology (PI: Susan Johnston, West Chester University) (2013-2015).

Fellow, Institute for Advanced Study, National Academy of Sciences, Oslo Norway, Summer 2014

Wenner-Gren Foundation for Anthropological Research Post-PhD Research Award, 2010-11

Indiana University New Frontiers Travel Grant, Summer 2009

Indiana University Overseas Research Grant, Summer 2009

Distinguished Madison Scholar Award, James Madison University, 2007

Faculty Summer Teaching Grant, James Madison University, Summer 2005

Office of International Programs, International Travel/Research Grant, James Madison University, Summer 2004

Faculty Educational Leave, James Madison University, Fall 2003

Faculty Summer Research Grant, James Madison University, Summer 1998

Wenner-Gren Richard Carley Hunt Memorial Postdoctoral Fellowship, 1995-1996

University of Iowa Graduate College Summer Research Opportunities Program Grant  
Summer 1993

National Science Foundation Dissertation Improvement Grant, June 1990 - January 1992

The Population Council Dissertation Research Grant, January 1990 - December 1990

Graduate Student Instructor Course Improvement Grant, Fall 1991

Lowie Grant, Department of Anthropology, University of California, Berkeley, Summer 1989

Genevieve McEnerney and Stanley Tasheira Fellowship, University of California, Berkeley,  
1985 - 1986

## Books

Wiley, Andrea S. and John S. Allen (2021) *Medical Anthropology: A Biocultural Perspective*.  
4<sup>th</sup> edition. Oxford University Press. 3<sup>rd</sup> edition 2017; 2<sup>nd</sup> edition 2013; First edition, 2008.

Wiley, Andrea S. (2016) *Re-imagining Milk*. 2<sup>nd</sup> edition. New York: Routledge Press. First  
edition, 2011.

Wiley, Andrea S. (2014) *Cultures of Milk: The Biology and Culture of Dairy Consumption in  
India and the United States* Cambridge: Harvard University Press.

Wiley, Andrea S. (2004) *An Ecology of High-altitude Infancy: A Biocultural Perspective*. New  
York: Cambridge University Press. (Cambridge Series in Medical Anthropology)

### Articles and Chapters (\*student co-author)

Wiley, Andrea S. (submitted) Dietary Guidelines in Biocultural Context. In *The Handbook of the Anthropology of Food*. Clare Sammells, ed. New York: Cambridge University Press.

Wiley, Andrea S. (submitted) The “leche” in café con leche: An anthropological view. In *Café con Leche*. Sean P Adams, ed. Gainesville, FL: University of Florida Press.

Wiley, Andrea S. (2023) Biological Normalcy. *Annual Review of Anthropology*, Volume 52: 223-238. <https://doi.org/10.1146/annurev-anthro-052721-090632>

Wiley, Andrea S. (2021) Preface to the English Edition of *Eating at School: reflections from Brazil*, by Ana Eliza Port Lourenço and Priscila Vieira Pontes. Editora CRV: Curitiba, Brazil (collaboratively translated from the Portuguese edition with Ana Eliza Port Lourenço). <https://www.editoracrv.com.br/produtos/detalhes/36588-eating-at-school-br-reflections-from-brazil>

**Cullin, Jennifer M.**, Virginia J. Vitzthum and Andrea S. Wiley (2021) Mind the gap: Contesting normal/abnormal constructs of human biology and behavior. *American Journal of Human Biology* 33(5) <https://doi.org/10.1002/ajhb.23666>

**Burris, Mecca E.** and Andrea S. Wiley (2021) Marginal Food Security Predicts Earlier Age at Menarche Among Girls from the 2009-2014 National Health and Nutrition Examination Surveys *Journal of Pediatric & Adolescent Gynecology*. 34(4) 362-470. <https://doi.org/10.1016/j.jpag.2021.03.010>

Wiley, Andrea S. (2021) Pearl Lecture: Biological Normalcy: A new framework for biocultural analysis of human population variation. *American Journal of Human Biology* 33(5) <https://dx.doi.org/10.1002/ajhb.23563> (Editor’s Choice).

Wiley, Andrea S. (2020) Lactose Intolerance: Evolutionary Considerations. *Evolution, Medicine, and Public Health*, 2020(1): 47-48. <https://doi.org/10.1093/emph/eoaa006>

Wiley, Andrea S. and **Jennifer M. Cullin** (2020) Biological Normalcy. *Evolution, Medicine, and Public Health* 2020(1): 1. <https://doi.org/10.1093/emph/eoz035>

Wiley, Andrea S. (2018) The Evolution of Lactase Persistence: Milk Consumption, Insulin-like Growth Factor I, and Human Life History Parameters. *The Quarterly Review of Biology* 93(4): 319-345.

Wiley, Andrea S. Suyog M. Joshi, Himangi G Lubree, Dattatray S Bhat, Neelam S Memane, Deepa A Raut, Chittaranjan S. Yajnik (2018) IGF-I and IGFBP-3 concentrations at 2 years: associations with anthropometry and milk consumption in an Indian cohort. *European Journal of Clinical Nutrition* <https://doi.org/10.1038/s41430-018-0108-z>

- Wiley, Andrea S. (2017) Cow's milk consumption and child growth. In *Milk in Human Health and Disease Across the Lifespan*. Ronald Watson, Robert J. Collier, and Victor R. Preedy, eds. Pp. 155-166. Boston: Elsevier.
- Fernández, Catalina** and Andrea S. Wiley (2017) Rethinking the starch digestion hypothesis for AMY1 copy number variation in humans. *American Journal of Physical Anthropology* 163 (4): 645–657. <http://onlinelibrary.wiley.com/doi/10.1002/ajpa.23237/epdf>
- Wiley, Andrea S. (2017) Growing a Nation: Milk consumption in India since The Raj. In *Making Milk: The Past, Present, and Future of Our Primary Food*. Mathilde Cohen and Yoriko Otomo, eds. Pp 41-59. London: Bloomsbury Press.
- Wiley, Andrea S. and Janet Chrzan (2017) The Single Food Approach as a Research Strategy in Nutritional Anthropology. In *Research Methods in the Anthropology of Food and Nutrition*. Vol 2 Janet Chrzan and John Brett, eds. Pp. 253-269. Oxford, UK: Berghahn Press.
- Wiley, Andrea S. (2017) Dietary Analyses in Nutritional Anthropology. In *Research Methods in the Anthropology of Food and Nutrition*. Vol.1 Janet Chrzan and John Brett, eds. Pp. 79-91. Oxford, UK: Berghahn Press.
- Wiley, Andrea S. and **Jennifer M. Cullin** (2016) What do Anthropologists Mean When They use the Term “Biocultural”? *American Anthropologist* 118(3):554-569. [doi/10.1111/aman.12608/epdf](https://doi.org/10.1111/aman.12608/epdf)
- Wiley, Andrea S. (2016) Cow's Milk as Children's Food: Insights from India and the United States. In *The Handbook of Food and Anthropology*, James Watson and Jakob Klein (eds). Pp 227-248. London: Bloomsbury Publishing.
- Wiley, A.S., H.G. Lubree, S.M. Joshi, D.S. Bhat, L.V. Ramdas, A.S. Rao, N.V. Thuse, V.U. Deshpande, C.S. Yajnik (2016) Cord IGF-I concentrations in Indian newborns: associations with neonatal body composition and maternal determinants. *Pediatric Obesity* 11(2): 151-157. [doi:10/1111/ijpo.12038](https://doi.org/10.1111/ijpo.12038)
- Wiley, Andrea S. (2015) Just Milk?: Nutritional Anthropology and the Single Food Approach. In *Teaching Food in Anthropology: Experiences, Challenges, and Techniques*. Candice Lowe Swift -and Richard Wilk, eds. Pp. 77-96. Walnut Creek, CA: Left Coast Press.
- Wiley, Andrea S. (2015) Evolution of Modern Diet. *Basics in Human Evolution*. Elsevier.
- Wiley, Andrea S. (2014) Commentary on Wutich and Brewis's Food, Water, and Scarcity: Toward a Broader Anthropology of Resource Insecurity. *Current Anthropology* 55(4):460-461.
- Wiley, Andrea S. John S. Allen, Alexandra Brewis (2012) Human Biology Eats: Current Research and Future Directions. *American Journal of Human Biology* 24(2):107-109.
- Wiley, Andrea S. (2012) Cow's milk consumption and human biology: A life history approach. *American Journal of Human Biology* 24(2):130-138.

- Wiley, Andrea S. (2011) Cow's milk consumption and age at menarche: evidence from NHANES 1999-2004 *PLoS ONE* 6(2): e14685. [doi:10.1371/journal.pone.0014685](https://doi.org/10.1371/journal.pone.0014685).
- Wiley, Andrea S. (2011) Milk for "growth": global and local meanings of milk consumption in China, India, and the U.S. *Food and Foodways* 19(1):11-33. Reprinted in *Local Foods Meet Global Foodways: Tasting History*, Benjamin Lawrence and Carolyn De La Pena, eds. New York: Routledge, 2011.
- Wiley, Andrea S. (2010) Dairy and milk consumption and child growth: Is BMI involved? An analysis of NHANES 1999-2004. *American Journal of Human Biology* 22(3):517-525.
- Wiley, Andrea S. (2009) Consumption of milk, but not other dairy products, is associated with height among U.S. preschool children in NHANES 1999-2002. *Annals of Human Biology* 36(2):125-138.
- Wiley, Andrea S. (2007) Transforming milk in a global economy. *American Anthropologist* 109(4):666-677. Reprinted in: Lynne Schepartz, ed. *Anthropology a la Carte: The Evolution and Diversity of Human Diet* Cognella, Inc., 2013.
- Wiley, Andrea S. (2007) The globalization of cow's milk: biocultural perspectives. *Ecology of Food and Nutrition* 46(3):281-312.
- Wiley, Andrea S. (2007) Cow's milk consumption and health: An evolutionary perspective. *Evolutionary Medicine and Health*. Wenda Trevathan, James McKenna, and E.O. Smith, eds; Oxford University Press, Pp. 116-133.
- Wiley, Andrea S. (2006) The breakdown of holism and the curious fate of food studies in anthropology. *Anthropology News* January 2006:9,12.
- Wiley, Andrea S. (2005) Does milk make children grow? Relationships between milk consumption and height in NHANES 1999-2002. *American Journal of Human Biology* 17(4): 425-441.
- Wiley, Andrea S. (2004) "Drink milk for fitness:" The cultural politics of human biological variation and milk consumption in the United States. *American Anthropologist* 106(3):506-517. Reprinted in *Nutritional Anthropology*, 2nd edition. Darna Dufour, Alan Goodman, Gretel Pelto, eds. Oxford University Press, 2013.
- Vitzthum, Virginia J. and Andrea S. Wiley (2003) The proximate determinants of fertility in populations exposed to chronic hypoxia. *High Altitude Medicine and Biology* 4(2):125-139.
- Wiley, Andrea S. (2002) Increasing usage of prenatal care in Ladakh (India): the role of cultural and ecological factors. *Social Science & Medicine* 55 (7):11-24.
- Wiley, Andrea S. (2002) Commentary on Fessler's Reproductive Immunosuppression and Diet. *Current Anthropology* 43(1):47.

- Wiley, Andrea S. and Leslie Carlin (1999) Demographic contexts and the adaptive role of infant attachment behavior: A hypothesis. *Human Nature* 10(2):135-161.
- Wiley, Andrea S. and Pike, Ivy (1998) An alternative method for assessing early mortality in contemporary populations. *American Journal of Physical Anthropology* 107:315-330.
- Wiley, Andrea S. (1998) The ecology of low natural fertility in Ladakh. *Journal of Biosocial Science* 30(4):457-480.
- Wiley, Andrea S. and Katz, Solomon H. (1998) Geophagy in pregnancy: A test of an hypothesis. *Current Anthropology* 39(4):532-545.
- Wiley, Andrea S. (1997) A Role for Biology in the Cultural Ecology of Ladakh. *Human Ecology* 25(2):273-295.
- Wiley, Andrea S. (1994) Birthweight, infant mortality, and high-altitude adaptation in the Himalaya. *American Journal of Physical Anthropology* 94:289-305.
- Wiley, Andrea S. (1994) Neonatal and maternal anthropometric characteristics in a high-altitude Himalayan population *American Journal of Human Biology*. 6:499-510.
- Wiley, Andrea S. (1993) Evolution, Adaptation, and the role of Biocultural Medical Anthropology. *Medical Anthropology Quarterly* (n.s.) 7:192-199.
- Wiley, Andrea S. (1992) Adaptation and the Biocultural Paradigm in Medical Anthropology: A Critical Review. *Medical Anthropology Quarterly* (n.s.) 6:216-236.

### **Encyclopedia Entries**

- Wiley, Andrea S. (2018) Lactase Persistence. *International Encyclopedia of Biological Anthropology*. New York: Elsevier.
- Wiley, Andrea S. (2017) Biocultural Methods in Medical Anthropology. *International Encyclopedia of Anthropology*. New York: Elsevier.
- Wiley, Andrea S. (2016) Lactose Intolerance; Dairy Allergy (2 entries) *Oxford Companion to Cheese*. Oxford, UK: Oxford University Press.
- Wiley, Andrea S. (2007) The Dairy Industry. In *The Business of Food: Encyclopedia of the Food and Drink Industries*. Gary Allen and Ken Albala, eds. Westport, CT: Greenwood Publishing Group.
- Wiley, Andrea S. (2002) Food, Health, and Disease. In *Encyclopedia of Food and Culture*. Solomon H. Katz, ed. New York: Charles Scribner's Sons, pp. 120-121.
- Wiley, Andrea S. (2002) Geophagy. In *Encyclopedia of Food and Culture*. Solomon H. Katz, ed. New York: Charles Scribner's Sons, pp. 175-178.

### Published Abstracts from Conference Proceedings

- Burris, M** and AS Wiley (2023) Rural life, pesticide exposure, and puberty: A preliminary analysis of the relationship between industrial agriculture and pubertal timing among girls in Sarapiquí, Costa Rica <https://doi/epdf/10.1002/ajhb.23894>
- Hosein, E** and AS Wiley (2023) Metropolitan location and enrollment associated with increased allergies in school foodservice. *American Journal of Human Biology* <https://doi/epdf/10.1002/ajhb.23894>
- Burris, M** and AS Wiley (2019) Very low household food security predicts lower odds of menarche among U.S. Girls *American Journal of Human Biology* <https://doi/epdf/10.1002/ajhb.23214>
- Fernández, CI** and AS Wiley (2019) Biomarkers of chronic diseases risk among the Mapuche and Atacameño from Chile *American Journal of Human Biology* <https://doi/epdf/10.1002/ajhb.23214>
- Guilfoyle, M**, EM Chester, AS Wiley (2019) Determinants of Ramadan fasting during late pregnancy and postpartum milk cortisol concentration in Rabat, Morocco *American Journal of Human Biology* <https://doi/epdf/10.1002/ajhb.23214>
- Mattern, LG** and AS Wiley (2019) Alloparental care of infants and household composition in Tamil Nadu, India *American Journal of Human Biology* <https://doi/epdf/10.1002/ajhb.23214>
- Wiley, AS, HG Lubree, L Ramdas, A Rao, DS Bhat, CS Yajnik (2018) IGF-I concentrations at 6 years in an Indian Cohort: Associations with body composition and bovine milk consumption. *American Journal of Human Biology* <https://doi.org/10.1002/ajhb.23111>
- Guilfoyle, M** and AS Wiley (2018). Determinants of Ramadan fasting during the third trimester of pregnancy and influences on infant anthropometry and feeding practices in Rabat, Morocco *American Journal of Human Biology* <https://doi.org/10.1002/ajhb.23111>
- Mattern, LG** and AS Wiley (2018) Infant feeding practices in relation to infant characteristics in Tamil Nadu, India. *American Journal of Human Biology* <https://doi.org/10.1002/ajhb.23111>
- Fernández, C** AS Wiley (2017) New insights into the relationship of amylase CNV and diet in human populations *American Journal of Human Biology* <https://doi/full/10.1002/ajhb.22974>
- Mattern, LG** and AS Wiley (2017) Maternal work, infant feeding practices, and infant growth in Tamil Nadu, India *American Journal of Human Biology* <https://doi/full/10.1002/ajhb.22974>
- Wiley, AS (2012) Childhood milk consumption and age at menarche in NHANES: A role for IGF-I? *American Journal of Physical Anthropology* 147(Suppl. 54):303.
- Mattern, LG**, AS Wiley (2012) Infant and young child feeding practices in the United States and their relationship to anthropometric measures: NHANES data from 1999–2008. *American Journal of Human Biology* 24(2):233.



- Wiley, AS (2011) Consumption of cow's milk and human biology: a life history approach. *American Journal of Human Biology* 23(2):283.
- Lubree, HG, Wiley, AS, Joshi SM, Ramdas LV, Ganpule AA, Thuse NV, Despande VU, Yajnik, CS (2010) Milk or dairy intake has no impact on birth outcome in a rural and urban cohort from Pune, India. *American Journal of Human Biology* 22(2):260.
- Wiley, AS (2007) Cow's milk consumption and growth of young children in the United States: Data from NHANES 1999-2002. *American Journal of Human Biology* 19(2):287-288.
- Wiley, AS (2005) Life history consequences of cow's milk consumption during childhood. *American Journal of Human Biology* 17(2):261.
- Wiley, AS (2004) Does milk make children grow? A summary of the evidence. *American Journal of Human Biology* 16(2):229.
- Wiley, AS (2000) Using developmental stages instead of age in the collection of data on early mortality. *American Journal of Human Biology* 12(2):274.
- Wiley, AS and IL Pike (1999) A test of a model using developmental stage instead of chronological age for collecting and analyzing data on infant and child mortality. *American Journal of Human Biology* 11(1):133.
- Wiley, Andrea S. and Solomon H. Katz (1997) The adaptive significance of geophagy in pregnancy. *American Journal of Physical Anthropology* 24(Supplement):240.
- Wiley, Andrea S. (1995) Constraints on reproduction in the high altitude Himalaya. *American Journal of Physical Anthropology* Supplement 20:221-222.
- Carlin, Leslie and Wiley, Andrea S. (1995) Demographic patterns and the adaptive significance of infant attachment behavior: a hypothesis. *American Journal of Human Biology* 7:119-120.
- Wiley, Andrea S. and Leslie Carlin (1994) Biological bases and environmental contingencies: critical-evolutionary perspectives on mother-infant attachment. *American Journal of Physical Anthropology* 94:20.
- Wiley, Andrea S. (1993) Neonatal Anthropometric Characteristics in a high altitude population of the western Himalaya. *American Journal of Human Biology* 5:141.

### **Book Reviews**

- 2018 *Discriminating Taste: How Class Anxiety Created the American Food Revolution*. By S. Margot Finn. *American Journal of Human Biology* 30(5)  
<https://doi.org/10.1002/ajhb.23141>

- 2016 *Metabolic Living: Food, Fat, and the Absorption of Illness in India* By Harris Solomon. *Anthropological Quarterly* 89(3):935-942.
- 2013 *Human Diet and Nutrition in Biocultural Perspective*. Tina Moffat and Tracy Prowse, eds. *Journal of the Royal Anthropological Institute* 19:187-188.
- 2011 *Life Histories of the Dobe !Kung: Food, Fatness, and Well-being over the Lifespan*. By Nancy Howell. *Food & Foodways* 19(4): 343-345.
- 2010 *Liquid Materialities*. By Peter Atkins. *Food & Foodways* 18(4): 263.
- 2009 *The World of Soy*. Edited by Christine M. DuBois, Chee- Beng Tan, Sidney Mintz. URL: <http://www.nutritionalanthro.org/bookreviews.php>
- 2002 *The Growth of Humanity*. By Barry Bogin. *American Journal of Human Biology* 14(1):85-86.
- 2000 *Biosocial Perspectives on Children* Catherine Panter-Brick, ed. *American Journal of Physical Anthropology* 112(1):141-142.
- 2000 *Statistics for Anthropology*, by Lorena Madrigal. *The Quarterly Review of Biology* 75(1):89-90.
- 1999 *The Anthropology of Infectious Disease*. Marcia C. Inhorn and Peter J. Brown, eds. *American Ethnologist*. 26(2):524-525.
- 1999 *Human Adaptability: Past, Present and Future*. Stanley Uliaszek and Rebecca Huss-Ashmore, eds. *Human Biology* 71(2):306-310.
- 1997 *Why We Get Sick: The new science of Darwinian medicine*, by Randolph Nesse and George C. Williams. *Medical Anthropology Quarterly* (n.s.) 11:258-260.
- 1995 *Flexible Bodies*, by Emily Martin. *Anthropological Quarterly* 68:245-247.
- 1995 *Seasonality and Human Ecology: Society for the study of Human Biology Symposium Series 35*. SJ Uliaszek and SS Strickland, eds. *American Journal of Human Biology* 7:97-99.
- 1994 Population Platitudes: A Review of Abernethy's *Population Politics*. *Contemporary Psychology* 39:483-484.

### Conference papers and invited talks

*Invited:* The “leche” in café con leche: An anthropological view. Café con Leche, Miami Studies Association 1<sup>st</sup> Annual Meeting, Miami, FL. March 2022

*Invited:* Distinguished Pearl Lecture: The Normal and the Normative in Human Biology. Human Biology Association Annual Meetings April 2021 (postponed from spring 2020 due to COVID19) <https://www.youtube.com/watch?v=iGdIIc5UD3Q>

*Invited:* What is “normal” human biology and why does it matter? Department of Anthropology, Notre Dame University February 2021

*Organizer/Discussant:* Biological Normalcy and Human Population Variation: Three case studies. American Association for the Advancement of Science Annual Meetings, Seattle, WA February 2020

*Organizer and Presenter:* Biological Normalcy: Investigating relationships between statistical norms and normative views. American Anthropological Association Annual Meetings, Vancouver, BC November 2019.

*Discussant:* “The Resistance to and Resilience of Adaptation: The Place of Evolutionary Theory in Biocultural Anthropology: Part I” American Anthropological Association Annual Meetings, San Jose, CA November 2018.

*Invited:* Is drinking milk “normal” for humans? Food Institute Seminar Series, Food Institute, Indiana University, Bloomington. December 2017.

*Invited:* Biocultural perspectives and biological “normalcy”: The example of human consumption of cow’s milk. Invited speaker. Biocultural Medical Anthropology Distinguished Lecture Series, University of Alabama. October 2016.

Is ‘Biocultural’ Good to Think?: Anthropologists’ Use of the Term in the 21<sup>st</sup> Century (with Jennifer Cullin) American Anthropological Association Annual Meetings, Minneapolis, MN November 2016.

Milk Consumption in India: New Life for an Old Food. Invited Session: A Moveable Feast: Transformations of What’s Good to Eat. American Anthropological Association Annual Meetings, Denver, CO November 2015.

“Growing children through milk:” A comparative and historical perspective on Asian trends in milk consumption. Invited presentation for conference: Food, Feeding, and Eating in and out of Asia, University of Copenhagen, Denmark June 2015.

*Invited:* Cow milk in the human life history: Evolutionary considerations. The Taft Research Center, University of Cincinnati, OH April 2015

*Invited:* Cow milk in the human life history: Insights from research in India and the United States. Department of Anthropology, University of Auckland, New Zealand, September 2014

*Invited:* Cow milk in the human life history: Evolutionary considerations. The Milking Revolution in Temperate Neolithic Europe & Department of Anthropology, University of Bristol, U.K. June 2014

*Invited:* Life history effects of cows milk consumption. Evolutionary perspectives on food choice. Institute for Advanced Study, University of Oslo, Norway. May 2014

Discussant “Mothers, Milks, and Meaning: Innovations in Studying Lactation, Infant Feeding, and Developmental Ecology in Humans and Nonhuman Primates” American Anthropological Association Meetings, Chicago, IL, November 2013.

*Invited:* Cow Milk Consumption: A Life History Approach. Max Rubner-Institut Conference on Health Effects of Milk and Dairy Products Karlsruhe Germany, October 8, 2013

Life History Consequences of Bovine Milk Consumption: Evidence from the United States and India International Anthropological and Ethnological Sciences/International Commission on the Anthropology of Food meetings, Manchester, United Kingdom, August 6, 2013.

*Invited:* Growing Children Around the World: Cow’s milk and ideals of growth. Southern Anthropological Society Annual Meeting Keynote Lecture. March 15, 2013.

*Invited:* Cow’s Milk in the Human Life History. Department of Anthropology Distinguished Lecture, University of Kentucky. February 15, 2013.

*Invited:* Milk consumption, child growth, and life history consequences: Evidence from the U.S. and India. Featured invited presentation at LeCHE: Lactase Persistence in the Early Cultural History of Europe Vrije Universiteit, Amsterdam The Netherlands, 28th - 29th June 2012.

Childhood milk consumption and age at menarche in NHANES: A role for IGF-I? American Association of Physical Anthropology & Human Biology Association Annual Meetings, Portland, OR, April 2012.

LG Mattern, AS Wiley Infant and young child feeding practices in the United States and their relationship to anthropometric measures: NHANES data from 1999–2008. Human Biology Association Annual Meetings, Portland, OR, April 2012

*Invited:* Growing children around the world: The globalization of milk consumption, biological variation, and child growth. University of Illinois, Chicago, Liberal Arts & Sciences Global Learning Community. March 2012.

Early bovine milk consumption, IGF-I, and child growth: a cohort study from Pune, India 1<sup>st</sup> International Conference on Nutrition and Growth (N&G). Paris, France March 1-3, 2012

*Invited:* “Growing children around the world:” The globalization of milk and its relationship to child growth. East Asian Cultural Center, Indiana University Bloomington, February 2012.

*Invited:* Growing children around the world: the globalization of cow’s milk consumption and child growth. School of Oriental and African Studies Food Studies Centre Seminar Series. London, October 2011.

*Invited:* Milk and child growth: research in India and the United States. the Leverhulme Centre for Integrative Research on Agriculture and Health (LCIRAH), London Centre for International Development, University of London, London, UK September 2011.

Consumption of cow's milk and human biology: a life history approach. Plenary Session, "Human Biology Eats: Contemporary Research and Future Directions" (Co-organizer) Human Biology Association Annual Meetings, Minneapolis, MN, April 2011.

*Invited:* The cultural status of milk in India and the United States. Hanover College, March 2011.

*Invited:* Growing children around the world: the globalization of cow's milk consumption and child growth. University of Louisville, February 2011.

Milk and its many transformations: A historical perspective. American Anthropological Association Meetings, New Orleans, LA, November 2010.

*Invited:* On the cultural status of milk as a food for children in India and the U.S.: A look at milk promotions. Indiana University School of Journalism, November 2010.

A craving for dirt. Earth Beat, Radio Netherlands Worldwide. Interview aired July 30, 2010. <http://www.rnw.nl/english/radioshow/dirt-show>

*Invited:* Milk consumption and child growth: A review of the evidence. Purdue University, Interdepartmental Nutrition Program. April 2010.

*Invited:* Meanings of cow and water buffalo milk as foods for children in Pune, India. India Studies Program, Indiana University, Bloomington. April 2010.

Milk and dairy product intake have no impact on birth outcome in a rural and urban cohort from Pune, India. Poster presented at the 35<sup>th</sup> annual Human Biology Association meetings, Albuquerque, NM, April 2010. (Lubree, HG, Wiley, AS, Joshi SM, Ramdas LV, Ganpule AA, Thuse NV, Deshpande VU, Yajnik, CS).

*Invited:* Growing children around the world: the globalization of cow's milk consumption and child growth. University of Colorado, Boulder, February 2010.

Discussant "Cravings and Aversions: Biocultural Perspectives" American Anthropological Association Meetings, Philadelphia, PA, December 2009

*Invited:* Growing children around the world: the globalization of cow's milk consumption and child growth. University of Arizona, November 2009

*Invited:* The globalization of milk: nations and bodies transformed through milk. Tasting Histories Conference, University of California, Davis. February 2009.

Cow's milk for "growth" across the lifecycle. American Anthropological Association meetings, San Francisco, California, November 2008

Drink your milk! The globalization of an authoritative food voice. Association for the Study of Food and Society Annual Meeting, New Orleans, LA June 2008

*Invited:* Cow's milk consumption and child growth. University of Guelph, Ontario, Canada. March 2008

*Invited:* From "white poison" to "does a body good:" Biocultural perspectives on cow's milk consumption and child growth. Madison Scholar Distinguished Lecture, James Madison University, October 2007.

From mother's milk to cow's milk: young children's consumption of cow's milk, growth, and identity in the United States. Association for the Study of Food and Society Annual Meeting, Victoria, BC, May 2007

Doing what comes naturally? Studying diet and reproductive ecology in human biology. *Invited Session:* From the margins toward the center: Women and Gender in Human Biology. American Anthropological Association meetings, San Jose, California, November 2006

*Invited:* Biocultural perspectives on cow's milk consumption and human biology. Touro University College of Osteopathic Medicine. October 2006

Discussant: Biocultural Evolution of Cuisine. *Invited Session* (BAS and SAFN) American Anthropological Association meetings, Washington DC, December 2005

"Interesting but not significant:" food and nutrition policy implications of population variation in lactase persistence and milk consumption *Executive Session*, American Anthropological Association meetings, Washington DC, December 2005

*Invited:* White poison or does a body good? Culture, Science, and the relationship between milk and child growth" Department of Anthropology, University of Virginia, October 2005

*Invited:* Reproductive ecology in the high-altitude Himalaya (Ladakh) Eastern Mennonite University, Suter Science Center Seminar Series, January 2005

*Invited:* Milk consumption and national and global food policy: Does biological variation matter? I Culture in Global Affairs lecture series, The Elliott School, George Washington University, November 2004.

From "White Poison" to "Does a body good": a critical examination of the relationship between milk and child growth. Paper presented at the Association for the Study of Food and Society meetings in Hyde Park, NY, June 2004

Does milk make children grow? A summary of the evidence. Poster, Human Biology Association meetings, Tampa, FL, April 2004.

Milk and Child Health: Intersections of ideology and science. American Anthropological Association meetings, Chicago, IL November 2003.

Using developmental stages instead of age in the collection of data on early mortality. Human Biology Association meetings, San Antonio, April 2000 (*Co-organizer for session: Methodological and statistical approaches for enhancing demographic data collection in Human Biology*)

Introduction: Policy relevance of evolutionary perspectives on health. Society for Applied Anthropology/Society for Medical Anthropology meetings, San Francisco, March 2000 (*Session Organizer*).

Demographic Transition in Ladakh. American Anthropological Association annual meeting, Chicago, November 1999

The adaptive significance of geophagy in pregnancy (co-authored with Solomon H. Katz). Poster presented at the American Association of Physical Anthropology annual meeting, St. Louis, MO April 1997

The triumph of culture or biological constraints as explanations for low natural fertility in Ladakh. American Anthropological Association annual meeting, San Francisco, November 1996

*Invited:* Developmental stages as alternatives to chronological age in the construction of statistics on early mortality. Dept. of Demography, University of California, Berkeley, November 1996

Constraints on reproduction in the high altitude Himalaya. Poster presented at the American Association of Physical Anthropology annual meeting, Oakland, CA March 1995

Demographic contexts and the adaptive role of infant attachment behavior: an hypothesis. (co-authored with Leslie Carlin). Poster presented at the Human Biology Council annual meeting, Oakland, CA, March 1995

*Invited:* From *Man in the Andes* to *Woman in the Himalaya*: Mothers, infants, and high altitude adaptation in Ladakh. Department of Anthropology, University of Durham, March 1995

Biological bases and environmental contingencies: biocultural perspectives on mother-infant attachment. (co-authored with Leslie Carlin) American Anthropological Association annual meeting, Atlanta, GA December 1994

*Invited:* *Man in the Andes, Woman in the Himalaya*: Rethinking high altitude adaptation. Department of Anthropology Thursday Seminar Series, University of Auckland, July 1994

Biocultural perspectives in Demography (co-authored with Alex Brewis). Population Association of America annual meetings, Miami, FL, May 1994

Biological bases and environmental contingencies: critical-evolutionary perspectives on mother-infant attachment. (co-authored with Leslie Carlin) American Association of

Physical Anthropology annual meeting, Denver, CO March 1994

*Invited:* Birthweight, infant mortality, and high altitude adaptation in the Himalaya. Dept. of Preventive Medicine and Environmental Health Epidemiology seminar series. College of Medicine, University of Iowa, March 1994

*Invited:* What is the evolutionary history of mother-infant attachment? Dept. of Anthropology colloquium series, University of Iowa, February 1994

*Invited:* The Pre-History of Medicine: Using evolution to understand contemporary problems in medicine and psychology. History of Medicine colloquium series, University of Iowa, January 1994

*Invited:* Constructing the population 'problem' and the role of family planning programs in international health programs. International Health colloquium series, University of Iowa, November 1993

Neonatal characteristics and high altitude adaptation in the Himalaya. Poster. Human Biology Council annual meeting, Toronto, Ontario, April 1993

New light on the demographic history of populations of the Tibetan Plateau. Population Association of America meetings, Cincinnati, OH, April 1993

*Invited:* Understanding human ecological relationships in Ladakh. South Asia Studies Program Colloquium Series. University of Iowa, April 1993

Discussant for panel on Reproductive Vaccinations. Global Immunization and Culture Workshop. University of Iowa, March 4-6, 1993

*Invited:* Human Ecology of Ladakh. South Asia Studies Center, University of California, Berkeley. November 1992.

Birthweight and Maternal-Infant Health in the High Himalaya. American Anthropological Association meetings, Chicago IL, November 1991

### **Professional Societies**

American Anthropological Association  
 Society for Medical Anthropology  
 Biological Anthropology Section  
 Society for the Anthropology of Food and Nutrition  
 American Association for the Advancement of Science  
 Human Biology Association  
 International Society for Evolution, Medicine and Public Health

### **Professional Development**



Fellow, Academic Leadership Program, Committee on Institutional Cooperation (CIC). 2010-2011.

### Professional Service

Academic Editor, *PLoS One* (2011-2021)

Editorial Board, *American Journal of Human Biology* (2018-present)

Human Biology Association President (2014-16; President-Elect 2013-14; Past-President 2016-17); *Secretary-Treasurer* (2008-2012); Publications Committee (2005-2007)

Associate Editor, *Ecology of Food and Nutrition* (2011-2013); Editorial Board 2009-2010.

NSF- Senior Research Proposal Panelist – 2013, 2019

NSF –Graduate Research Fellowship Program (GRFP) panelist 2009.

*Editorial Board*, Series on Anthropology of Food and Nutrition, Berghahn Books (2010-present)

*Committee on the Future of Print and Electronic Publishing* American Anthropological Association (2008-2010)

American Anthropological Association *Executive Committee* 2003-2007; AAA Awards Committee Chair (2004-2007); Committee on Scientific Communication (2003-2007)

Society for the Anthropology of Food and Nutrition *President* (2006-2008); President-elect (2005-2006); Past-President (2009-2010); *Executive Committee* (2003-2005); Program Chair (2003-2005)

Society for Medical Anthropology *Executive Committee* 1998-2001; Program chair for 2000 and 2001 AAA meetings

*Editorial board*, *Medical Anthropology Quarterly* 1994 –2006

### Courses Taught

Introduction to Biological Anthropology

Biocultural Medical Anthropology (graduate/undergraduate)

Anthropology of Diet and Nutrition (undergraduate)/Nutritional Anthropology (graduate)

Birth, Death and Sex: Exploring Demography (undergraduate)/Human Demography and Life History (graduate)

Human Biology: From Cells to Society (topics: Stress, Biological Normalcy)

Human Biology Senior Capstone (various topics)

Human Biology: The Intricate Human (topic: Diet and Nutrition)

Conflict and Consensus in Biological and Cultural Anthropology

Evolution & Human Behavior (graduate/undergraduate)

Plagues, Culture and History

Human Ecology

Anthropology of South Asia

Medical anthropology of South Asia

Introduction to cultural anthropology

### Languages

French, Italian, Spanish, Portuguese - basic reading and speaking knowledge

Ladakhi – basic speaking knowledge

